

PαP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

PḡPμC...P°PSC-P·Pj PrC-C—

P”P°PīP°PiP»C-C,,P»PsP·PëPS вḡ“ PIPëCÍPsPePsPīPsC,CrP¶PSPëPNḡ (K_c: 0,55 PSPḡ),
CÍPμP»PμPeC,PëPIPSPëPNḡ C,P° P·PIPsCḡPsC,PSPëPNḡ C-PSPiC-P±C-C,PSCḡ
PSP°C,CḡC-PNḡP·P°P»PμP¶PSPsPiPs PePsC,CḡP°PSCÍPīPsCḡC,PμCḡP° PiP»CḡPePsP·Pë 2
C,PëPīCÍ (C-PkP—PḡPḡP”2).

P†PSPiC-P±CÍPIP°PSPSCÍ C-PkP—PḡPḡP”2 PrP°PīP°PiP»C-C,,P»PsP·PëPSPsPj P·PjPμPSC€CÍC”
CḡPμP°P±CÍPsCḡP±C†C-Cḡ PiP»CḡPePsP·Pë P· PeP»CÍP±PsC‡PePsPiPsPiPs
C,,C-P»CḡC,CḡP°C,CÍ PI PīCḡPsPeCÍPëPjP°P»CḡPSPsPjCÍ PIC-PrPrC-P»C- PSPëCḡPePsPIPëC...
PeP°PSP°P»CḡC†C-PI P· PsPrPSPsC‡P°CÍPSPëPj P·PjPμPSC€PμPSPSCÍPj
CḡPμP°P±CÍPsCḡP±C†C-C— PSP°C,CḡC-Cḡ, C%Ps PīCḡPëP·PIPsPrPëC,Cḡ PrPs
PIPëPIPμPrPμPSPSCÍ PiP»CḡPePsP·Pë C-P· CÍPμC‡PμCḡ C,P° PsCÍPjPsC,PëC‡PSPsPiPs
PrC-CrCḡPμP·CÍ. PḡP°PePëPj C‡PëPSPsPj, PrP°PīP°PiP»C-C,,P»PsP·PëPS P·P±C-P»CḡC€CÍC”
PrPsCÍC,P°PIPeCÍ PSP°C,CḡC-Cḡ PrPs PrPëCÍC,P°P»CḡPSPëC... PeP°PSP°P»CḡC†C-PI, C%Ps
P·P±C-P»CḡC€CÍC” C,CÍP±CÍP»PsPiP»PsPjPμCḡCÍP»CÍCḡPSPëPNḡ P·PIPsCḡPsC,PSPëPNḡ
P·Piḡḡ™CÍP·PsPe C- P·PSPëP¶CÍC” PIPSCÍC,CḡC-C€PSCḡPsPiP»PsPjPμCḡCÍP»CÍCḡPSPëPNḡ
C,PëCÍPe. PīPμ PI PīPsC”PrPSP°PSPSC- P· PsCÍPjPsC,PëC‡PSPëPj PrC-CrCḡPμP·PsPj
PīCḡPëP·PIPsPrPëC,Cḡ PrPs P·PjPμPSC€PμPSPSCÍ PīPμCḡPμPIP°PSC,P°P¶PμPSPSCÍ
PsP±вḡ™C”PjPsPj, P·PSPëP¶PμPSPSCÍ P°CḡC,PμCḡC-P°P»CḡPSPsPiPs C,PëCÍPeCÍ C,P°
P·PSPëP¶PμPSPSCÍ PīPμCḡPμPr- C- PīPsCÍC,PSP°PIP°PSC,P°P¶PμPSPSCÍ, C%Ps PjPsP¶Pμ
PjP°C,Pë CÍPīCḡPëCÍC,P»PëPIPëPNḡ PIPiP»PëPI PSP° CḡPμPjPsPrPμP»CḡPIP°PSPSCÍ
PjC-PsPeP°CḡPrP° C,P° PNḡPsPiPs PrC-P°CÍC,PsP»C-C‡PSCÍ C,,CÍPSPeC†C-Cḡ, P° C,P°PePsP¶
P·P±PμCḡPμP¶PμPSPSCÍ C,,CÍPSPeC†C-C— PSPëCḡPsPe. PḡPsCḡPëCÍC,Cḡ
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PrP°PīP°PiP»C-C,,P»PsP·PëPSCÍ PrP»CÍ CÍPμCḡC†CÍ C,P°
PSPëCḡPsPe PSPμ P·P°P»PμP¶PëC,Cḡ P»PëC€Pμ PIC-Pr PμC,,PμPeC,CÍ P·PSPëP¶PμPSPSCÍ
CḡC-PIPSCÍ PiP»CḡPePsP·Pë PI PeCḡPsPIC- C,P° PSPμ PsP±PjPμP¶CÍC”C,CḡCÍCÍ
PīP°C†C-C”PSC,P°PjPë P· C†CÍPeCḡPsPIPëPj PrC-P°P±PμC,PsPj, CÍPe
PīCḡPsPrPμPjPsPSCÍC,CḡCÍPIP°P»Pë PrPsCÍP»C-PrP¶PμPSPSCÍ DAPA-HF, DELIVER C,P° DAPA-
CKD. P”Ps C-PSC€PëC... PμC,,PμPeC,C-PI PSP°P»PμP¶P°C,Cḡ PīC-PrPIPëC%PμPSPSCÍ
PiPμPjP°C,PsPeCḡPëC,CÍ C,P° P·PSPëP¶PμPSPSCÍ PjP°CÍPë C,C-P»P°.

P”P°PīP°PiP»C-C,,P»PsP·PëPS PīPsP»C-PīC€CÍC” CḡC-PIPS- PiP»CḡPePsP·Pë PSP°C,C%Pμ C,P°
PīC-CÍP»CÍ PīCḡPëPNḡPsPjCÍ C—P¶C- PI PīP»P°P·PjC- PeCḡPsPIC- P·P° PrPsPīPsPjPsPiPsCḡ
P·PjPμPSC€PμPSPSCÍ CḡPμP°P±CÍPsCḡP±C†C-C— PiP»CḡPePsP·Pë PI PSPëCḡPeP°C..., C%Ps
PīCḡPëP·PIPsPrPëC,Cḡ PrPs PIPëPIPμPrPμPSPSCÍ PiP»CḡPePsP·Pë C-P· CÍPμC‡PμCḡ. PīPμ
PIPëPIPμPrPμPSPSCÍ PiP»CḡPePsP·Pë (PiP»CḡPePsP·CÍCḡPëC‡PSPëPNḡ PμC,,PμPeC,)
CÍPīPsCÍC,PμCḡC-PiP°C”C,CḡCÍCÍ PīC-CÍP»CÍ PīPμCḡC€PsC— PrPsP·Pë
P»C-PeP°CḡCÍCḡPePsPiPs P·P°CÍPsP±CÍ, C,CḡPëPIP°C” PīCḡPsC,CÍPiPsPj 24-
PiPsPrPëPSPSPsPiPs C-PSC,PμCḡPIP°P»CÍ PrPsP·CÍPIP°PSPSCÍ C,P°
P·P±PμCḡC-PiP°C”C,CḡCÍCÍ PīCḡPsC,CÍPiPsPj P»C-PeCÍPIP°PSPSCÍ. PḡC-P»CḡPeC-CÍC,Cḡ
PiP»CḡPePsP·Pë, PIPëPIPμPrPμPSPsC— PSPëCḡPeP°PjPë P·P° PrPsPīPsPjPsPiPsCḡ C†CḡPsPiPs
PjPμC...P°PSC-P·PjCÍ, P·P°P»PμP¶PëC,Cḡ PIC-Pr PePsPSC†PμPSC,CḡP°C†C-C— PiP»CḡPePsP·Pë
PI PeCḡPsPIC- C,P° PīPsPeP°P·PSPëPeP° C€PIPëPrPePsCÍC,C- PeP»CÍP±PsC‡PePsPiPsC—

C,,C-P»CHC,CḡP°C†C-C— (PĚPḡPḡ). PŷP°PePĚPj C†PĚPSPsPj, Cḡ PĚP°C†C-C"PSC,C-PI C-P·
PSPsCḡPjP°P»CHPSPĚPj CḡC-PIPSpḡPj PiP»CHPePsP·PĚ PI PeCḡPsPIC-
PrP°PĚP·PiP»C-C,,P»PsP·PĚPS PjP°C" PSPĚP·CHPeCḡ P·PrP°C,PSC-CḡC,CH PIPĚPeP»PĚPeP°C,PĚ
PiC-PĚPsPiP»C-PePḡPjC-Cḡ. P"°PĚP°PiP»C-C,,P»PsP·PĚPS PSPḡ PiPsCḡCḡCḡC"°
PSPsCḡPjP°P»CHPSPḡ PiCḡPsPrCḡPeCḡPIP°PSPSCḡ PḡPSPPrPsPiPḡPSPSPsC— PiP»CHPePsP·PĚ
Cḡ PIC-PrPiPsPIC-PrCH PSP° PiC-PĚPsPiP»C-PePḡPjC-Cḡ. P"°PĚP°PiP»C-C,,P»PsP·PĚPS PrC-C"
PSPḡP·P°P»PḡPḡPSPs PIC-Pr CḡPḡPeCḡPḡC†C-C— C,P° PrC-C— C-PSCḡCḡP»C-PSCḡ. Pj
PeP»C-PSC-C†PSPĚC... PrPsCḡP»C-PrPḡPḡPSPSCḡC... PrP°PĚP°PiP»C-C,,P»PsP·PĚPSCḡ
CḡPiPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ PiPsP»C-PiCḡPḡPSPSCḡ C,,CḡPSPeC†C-C— P±PḡC,P°-
PeP»C-C,PĚPS (P±PḡC,P°-PeP»C-C,PĚPSPĚ PḡPḡPḡPḡ) PiCḡPĚ PsC†C-PSC†C- PjPsPrPḡP»C-
PiPsPjPḡPsCḡC,P°P·Cḡ.

PḡP—PḡPŷP"2 CḡPḡP»PḡPeC,PĚPIPSPs PḡPeCḡPiCḡPḡCḡCḡC,CHCḡCḡ PI PSPĚCḡPeP°C....
P"°PĚP°PiP»C-C,,P»PsP·PĚPS PSPḡ PiCḡPĚPiPSC-C†CḡC" C-PSCḡC- PiPḡCḡPḡPSPsCḡPSPĚPePĚ
PiP»CHPePsP·PĚ, C%Ps C" PIP°PḡP»PĚPIĚPj PrP»Cḡ C,CḡP°PSCḡPiPsCḡC,CḡPIP°PSPSCḡ
PiP»CHPePsP·PĚ PI PiPḡCḡPĚC,,PḡCḡPĚC†PSC- C,PeP°PSPĚPSPĚ, C,P° Cḡ > 1400 CḡP°P·C-PI C"
P±C-P»CHCḡ CḡPḡP»PḡPeC,PĚPIPSPĚPj PIC-PrPSPsCḡPSPs PḡP—PḡPŷP"2 PiPsCḡC-PIPSḡPSPs
P· PḡP—PḡPŷP"1, PiPsP»PsPIPSPiPs PiPḡCḡPḡPSPsCḡPSPĚPeP° PI PePĚCḡPḡC†PSPĚPeCḡ,
C%Ps PIC-PrPiPsPIC-PrP°C" P·P° P°P±CḡPsCḡP±C†C-Cḡ PiP»CHPePsP·PĚ.

PḡP°CḡPjP°PePsPrPĚPSP°PjC-C†PSC- PḡC,,PḡPeC,PĚ

Pj P·PrPsCḡPsPIPĚC... CḡC†P°CḡPSPĚPeC-PI PrPsCḡP»C-PrPḡPḡPSPSCḡ C,P°
PiP°C†C-C"PSC,C-PI P· C†CḡPeCḡPsPIPĚPj PrC-P°P±PḡC,PsPj 2 C,PĚPiCḡ PiC-CḡP»Cḡ
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PrP°PĚP°PiP»C-C,,P»PsP·PĚPSCḡ CḡPiPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ
P·P±C-P»CHCḡPḡPSPSCḡ PeC-P»CHPePsCḡC, C- PiP»CHPePsP·PĚ, PIPĚPIPḡPrPḡPSPsC— C-P·
CḡPḡC†PḡCḡ. PḡCḡPĚP±P»PĚP·PSPs 70 Pi PiP»CHPePsP·PĚ PSP° PrPsP±Cḡ
PIPĚPIPsPrPĚP»PsCḡCḡ C-P· CḡPḡC†PḡCḡ (C%Ps PIC-PrPiPsPIC-PrP°C" 280
PePeP°P»/PrPsP±Cḡ) PiCḡPĚ P·P°CḡC,PsCḡCḡPIP°PSPSC- PrP°PĚP°PiP»C-C,,P»PsP·PĚPSCḡ PI
PrPsP·C- 10 PjPi PSP° PrPsP±Cḡ PiP°C†C-C"PSC,P°Pj P· C†CḡPeCḡPsPIPĚPj PrC-P°P±PḡC,PsPj 2
C,PĚPiCḡ PiCḡPsC,CḡPiPsPj 12 C,PĚPḡPSC-PI. Pj PiP°C†C-C"PSC,C-PI C-P· C†CḡPeCḡPsPIPĚPj
PrC-P°P±PḡC,PsPj 2 C,PĚPiCḡ, CḡPeC- PsC,CḡPĚPjCḡPIP°P»PĚ PrP°PĚP°PiP»C-C,,P»PsP·PĚPS Cḡ
PrPsP·C- 10 PjPi/PrPsP±Cḡ PiCḡPsC,CḡPiPsPj PiPḡCḡC-PsPrCḡ PrPs 2 CḡPsPeC-PI,
CḡPiPsCḡC,PḡCḡC-PiP°P»PĚCḡCḡ PsP·PSP°PePĚ C,CḡPĚPIP°P»PsC— PḡPeCḡPeCḡPḡC†C-C—
PiP»CHPePsP·PĚ.

PŷP°PeP° PḡPeCḡPeCḡPḡC†C-Cḡ PiP»CHPePsP·PĚ C-P· CḡPḡC†PḡCḡ PiCḡPĚ
P·P°CḡC,PsCḡCḡPIP°PSPSC- PrP°PĚP°PiP»C-C,,P»PsP·PĚPSCḡ C,P°PePsPḡ PiCḡPĚP·PIPsPrPĚC,CH
PrPs PsCḡPjPsC,PĚC†PSPsPiPs PrC-CḡCḡPḡP·Cḡ C,P° P·P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™C"°PjCḡ
CḡPḡC†C- Cḡ PiP°C†C-C"PSC,C-PI P· C†CḡPeCḡPsPIPĚPj PrC-P°P±PḡC,PsPj 2 C,PĚPiCḡ.
P—P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™C"°PjCḡ CḡPḡC†C- Cḡ PiP°C†C-C"PSC,C-PI P·
C†CḡPeCḡPsPIPĚPj PrC-P°P±PḡC,PsPj 2 C,PĚPiCḡ PrPsCḡCḡPiP°C" PiCḡPĚP±P»PĚP·PSPs 375 PjP»
PSP° PrPsP±Cḡ. P—P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™C"°PjCḡ CḡPḡC†C- P±CḡP»Ps
P°CḡPsC†C-PḡPsPIP°PSPḡ C-P· PSPḡP·PSP°C†PSPĚPj C- C,PĚPjC†P°CḡPsPIPĚPj
P·P±C-P»CHCḡPḡPSPSCḡPj PḡPeCḡPeCḡPḡC†C-C— PSP°C,CḡC-Cḡ C-P· CḡPḡC†PḡCḡ, C%Ps
PSPḡ CḡCḡPiCḡPsPIPPrPḡCḡPIP°P»PsCḡCḡ P·PjC-PSP°PjPĚ PePsPSC†PḡPSC,CḡP°C†C-C—

P'CrP»Ps PiCḡPsPiPμPrPμPSPs C‡PsC,PēCḡPSP°PrC†CḡC,Ch PiPsPrPIC-PMēPSPs CḡP»C-PiPēC..., CḡP°PSPrPsPjC-P°PsPIP°PSPēC..., PePsPSC,CḡPsP»ChPpsPIP°PSPēC... PeP»C-PSC-C‡PSPēC... PrPsCḡP»C-PrPḡPμPSCḡ P·P° CrC‡P°CḡC,Cḡ 7056 PrPsCḡPsCḡP»PēC... PiP°C†C-C"psc,C-PI C-P· C†CrPeCḡPsPiPēPj PrC-P°P±PμC,PsPj 2-PiPs C,PēPiCr P· PjPμC,PsCḡ PsC†C-PSPePē PiP»C-PePμPjC-C‡PSPsC— PμC,,PμPeC,PēPiPSPsCḡC,C- C,P° P±PμP·PiPμPePē P»C-PeP°CḡCḡChPePsPiPs P·P°CḡPsP±Cr P‡PsCḡPeCḡC-PiP°; 4737 PiP°C†C-C"psc,C-PI Cr C†PēC... PrPsCḡP»C-PrPḡPμPSPSCḡC... PsC,CḡPēPjCrPiP°P»Pē P»C-PeCrPiP°PSPSCḡ PrP°PiP°PiP»C-,,P»PsP·PēPSPsPj. Pj PrPiP°PSP°PrC†CḡC,Pē PrPsCḡP»C-PrPḡPμPSPSCḡC... PiPμCḡC-PsPr P»C-PeCrPiP°PSPSCḡ CḡC,P°PSPsPiPēPI 24 C,PēPḡPSC-, Cr 8 PrPsPiPiPsCḡC,CḡPsPePsPiPēC... PiCḡPsPrPsPiPḡPμPSPSCḡC... бḡ" PIC-Pr 24 PrPs 80 C,PēPḡPSC-PI (PrPs P·P°PiP°P»ChPSPsC— C,CḡPēPiP°P»PsCḡC,C- PrPsCḡP»C-PrPḡPμPSPSCḡ 104 C,PēPḡPSC-), PI PsPrPSPsPjCr PrPsCḡP»C-PrPḡPμPSPSC- PiPμCḡC-PsPr P»C-PeCrPiP°PSPSCḡ P±CrPI 28 C,PēPḡPSC-PI, P° C%oPμ PI PsPrPSPsPjCr PrPsCḡP»C-PrPḡPμPSPSC- C,CḡPēPiP°P»C-CḡC,Ch P»C-PeCrPiP°PSPSCḡ PrPsCḡC-PIPSCḡPiP°P»P° 52 C,PēPḡPSCḡ P· PrPsPiPiPsCḡC,CḡPsPePsPiPēPj PiCḡPsPrPsPiPḡPμPSPSCḡPj C,CḡPēPiP°P»C-CḡC,Cḡ 52 C- 104 C,PēPḡPSC- (P·P°PiP°P»ChPSP° C,CḡPēPiP°P»C-CḡC,Ch PrPsCḡP»C-PrPḡPμPSPSCḡ бḡ" 208 C,PēPḡPSC-PI). PḡPμCḡPμPrPSCḡ C,CḡPēPiP°P»C-CḡC,Ch P·P°C...PiPsCḡChPiP°PSPSCḡ CrC‡P°CḡPSPēPeC-PI PSP° C†CrPeCḡPsPiPēPMē PrC-P°P±PμC, CḡC,P°PSPsPiPēP»P° PIC-Pr 1,4 PrPs 16,9 CḡPsPeCr. Pj 50 % CḡPiPsCḡC,PμCḡC-PiP°P»PsCḡCḡ P»PμPiPePμ PiPsCḡCrCēPμPSPSCḡ C,,CrPSPeC†C-C— PSPēCḡPsPe, P° PI 11 % бḡ" PiPsCḡCrCēPμPSPSCḡ C,,CrPSPeC†C-C— PSPēCḡPsPe CḡPμCḡPμPrPSCḡPsPiPs CḡC,CḡPiPμPSCḡ. 51 % CrC‡P°CḡPSPēPeC-PI CḡC,P°PSPsPiPēP»Pē C‡PsP»PsPIC-PePē, 84 % PSP°P»PμPḡP°P»Pē PrPs C"PiCḡPsPiPμPsC—PrPSPsC— CḡP°CḡPē, 8 % бḡ" PrPs PjPsPSPiPsP»PsC—PrPSPsC—, 4 % бḡ" PrPs PSPμPiCḡPsC—PrPSPsC— C- 4 % бḡ" PrPs C-PSCēPēC... CḡP°CḡPsPiPēC... PiCḡCrPi. 81 % CrC‡P°CḡPSPēPeC-PI PjP°P»Pē C-PSPrPμPeCḡ PjP°CḡPē C,C-P»P° (P†PḡPḡ) ≥ 27. PḡCḡC-Pj C†ChPpsPiPs, PiCḡPsPiPμPrPμPSPs PrPiP° 12- C,PēPḡPSPμPIC- PiP»P°C†PμP±Ps-PePsPSC,CḡPsP»ChPpsPiP°PSC- PrPsCḡP»C-PrPḡPμPSPSCḡ

P'CrP»Ps PiChPsPIPµPrPµPSPs PeP»C-PSC-C†PSPµ PrPsC†P»C-PrP¶PµPSPSC¶ P· PsC†C-PSPePë
C†PµChC†PµPIPs-C†CrPrPëPSPSPëC... PiPsPrC-PNë (DECLARE) P·
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C†PIP°PSPSC- 10 PjPi Cr PiPsChC-PIPSC¶PSPSC- P·
PiP»P°C†PµP±Ps P·P° CrC†P°C†C,Ch 17160 PiP°C†C-C°PSC,C-PI P· C†CrPeChPsPIPëPj
PrC-P°P±PµC,PsPj 2 C,PëPiCr P· P°P±Ps P±PµP· PIC†C,P°PSPsPIP»PµPSPëC... C†PµChC†PµPIPs-
C†CrPrPëPSPSPëC... P·P°C...PIPsChChPIP°PSCH PrP»C¶ PsC†C-PSPePë PiPiP»PëPIC† PSP°
C†PµChC†PµPIPs-C†CrPrPëPSPSC- PiPsPrC-C— C,P° PiPsPrC-C— PiPsPIB¶™ C¶P·P°PSC- P·
PSPëChPeP°PiPë.

$$P_{\hbar}P_sPSP_sC,P_{\mu}C\hbar P^{\circ}P\ddot{C}-C\hbar$$

Pj PīPμC₇C-PsPrC- PīC₇PsPrPsPIP¶PμPSPSC₁₁ P·PSPēP¶PμPSPSC₁₁ C₇C-PIPSC₁₁ HbA1c
P·P±PμC₇C-PiP°P»PsC₁C₁₁ PrPs C,PēP¶PSC₁₁ 102 PIPeP»C₇C‡PSPs (C₁PμC₇PμPrPSC₁₁
P·PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs C₇C-PIPSC₁₁ P· PīPsPīC₇P°PIPePsC₇ б₇“0,61 % C-
б₇“0,17 % PrP»C₁₁ PrP°PīP°PiP»C-C„P»PsP·PēPSC₁ 10 PjPi C- PīP»P°C‡PμP±Ps
PIC-PrPīPsPIC-PrPSPs).

[illegible]

P°PëC...C-PrPSPëP№ CĤC-PIPµPSCĤ (CĤPµCĤPµPrPSC-P№)	94,13	88,77
P—PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ ^{PI}	вĤ"3,16	вĤ"2,19
P C-P-PSPëCĤCĤ PIPsCĤC-PIPSCĤPSPs P· PIP»P°C†PµP±Ps ^{PI} (95% P°P†)	вĤ"0,97 (вĤ"2,20; 0,25)	

^{P°} PµP°P°P°P°P° вĤ" PĪPµCĤPµPSPµCĤPµPSPSCĤ PIPĪPµCĤPµPr PrP°PSPëC...
PsCĤC,P°PSPSCĤPsPiPs CĤPĪPsCĤC,PµCĤPµP¶PµPSPSCĤ (PĪPµCĤPµPr P»C-PëC†PIP°PSPSCĤPj
PĪCĤPsP»C-PëPsPIP°PSPëC... PĪP°C†C-C°PSC,C-PI).

^{P±} PjCĤC- CĤP°PSPPrPsPjC-P·PsPIP°PSC- PĪP°C†C-C°PSC,Pë, CĤPëC- PsC,CĤPëPjP°P»Pë
PĪCĤPëPSP°P№PjPSC- PsPrPSC† PrPsP·C† P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPsP±C†,
PrPsCĤP»C-PrP¶C†PIP°PSPsPiPs C† PëPsCĤPsC,PëPsC,CĤPëPIP°P»PsPjC† PĪPsPrPIC-P№PSPsPjC†
CĤP»C-PĪPsPjC† PĪPµCĤC-PsPrC- PrPsCĤP»C-PrP¶PµPSPSCĤ.

^{PI} P°PµCĤPµPrPSC° P·P° PjPµC,PsPrPsPj PSP°P№PjPµPSCëPëC... PëPIP°PrCĤP°C,C-PI
CĤPëPsCĤPëPĪPsPIP°PSPµ PSP° PĪPsC†P°C,PëPsPIPµ P·PSP°C†PµPSPSCĤ.

* CĤ-P·PSP°C†PµPSPSCĤ < 0,0001 C† PĪPsCĤC-PIPSCĤPSPSC- C-P· PĪP»P°C†PµP±Ps.

^{B§} PĤPµ PsC†C-PSCĤPIP°P»PsCĤCĤ C%PsPrPs CĤC,P°C,PëCĤC,PëC†PSPsC—
P·PSP°C†C†C%PsCĤC,C- PI CĤPµP·C†P»CĤC,P°C,C- PĪPsCĤP»C-PrPsPIPSPsC—
PĪCĤPsC†PµPrC†CĤPë C,PµCĤC,C†PIP°PSPSCĤ PrP»CĤ PIC,PsCĤPëPSPSPëC...
PëC-PSC†PµPIPëC... C,PsC†PsPë.

P°PsPrP°C,PëPsPIP° PëPsPjP±C-PSPsPIP°PSP° C,PµCĤP°PĪC-CĤ

Pj C...PsPrC- 52-C,PëP¶PSPµPIPsPiPs P°PëC,PëPIPSs-PëPsPSC,CĤPsP»CĤPsPIP°PSPsPiPs
PrPsCĤP»C-PrP¶PµPSPSCĤ P· PrPsPIPµPrPµPSPSCĤ PSPµ PSPëP¶C†PsC—
PµC,,PµPëC,PëPIPSsCĤC,C- PrPsCĤP»C-PrP¶C†PIP°PSPsPiPs P»C-PëP°CĤCĤPëPsPiPs
P·P°CĤPsP±C† (P· PĪPµCĤC-PsPrP°PjPë PĪCĤPsPrPsPIP¶PµPSPSCĤ 52 C- 104 C,PëP¶PSC-)
PrC-CĤ P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPsP±C† P»PsCĤPëCĤC-PĪP° PsC†C-PSCĤPIP°P»Pë
PĪCĤPë PrPsPrP°PIP°PSPSC- PrPs PjPµC,C,,PsCĤPjC-PSC† PĪPsCĤC-PIPSCĤPSPs C-P·
CĤC†P»CĤC,,PsPSC-P»CĤPµC†PsPIPëPSPsCĤ (PĪP»C-PĪC-P·PëPr) PĪCĤPë PrPsPrP°PIP°PSPSC-
PrPs PjPµC,C,,PsCĤPjC-PSC† C† PĪP°C†C-C°PSC,C-PI P· PSPµPrPsCĤC,P°C,PSC-Pj
PĪP»C-PëPµPjC-C†PSPëPj PëPsPSC,CĤPsP»PµPj (HbA1c > 6,5 % C- ≤ 10 %).
P PµP·C†P»CĤC,P°C,Pë CĤPIC-PrC†PëP»Pë PĪCĤPs PĪPsPrC-P±PSPµ CĤPµCĤPµPrPSC°
P·PSPëP¶PµPSPSCĤ HbA1c PIC-Pr PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ C†PµCĤPµP· 52
C,PëP¶PSC- C† PĪPsCĤC-PIPSCĤPSPSC- P· PĪP»C-PĪC-P·PëPrPsPj, C%Ps
PĪCĤPsPrPµPjPsPSCĤC,CĤC†PIP°P»Ps PSPµ PSPëP¶C†C† PµC,,PµPëC,PëPIPSsCĤC,CĤ
PrPsCĤP»C-PrP¶C†PIP°PSPsPiPs P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPsP±C†. P§PµCĤPµP· 104
C,PëP¶PSC- PIC-PrPëPsCĤPëPĪPsPIP°PSP° CĤPµCĤPµPrPSCĤ P·PjC-PSP° HbA1c PIC-Pr
PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ CĤPëP»P°PrP°P»P° вĤ"0,32 % PrP»CĤ
PrP°PĪP°PĪP»C-C,,P»PsP·PëPSC† C- вĤ"0,14 % PrP»CĤ PĪP»C-PĪC-P·PëPrC†. P§PµCĤPµP· 208
C,PëP¶PSC-PI PIC-PrPëPsCĤPëPĪPsPIP°PSP° CĤPµCĤPµPrPSCĤ P·PjC-PSP° HbA1c PIC-Pr
PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ CĤPëP»P°PrP°P»P° вĤ"0,10 % PrP»CĤ
PrP°PĪP°PĪP»C-C,,P»PsP·PëPSC† C- 0,20 % PrP»CĤ PĪP»C-PĪC-P·PëPrC†. P§PµCĤPµP· 52, 104 C-
208 C,PëP¶PSC-PI C† P·PSP°C†PSPs PjPµPSCëPsC— C†P°CĤC,PëPë PĪP°C†C-C°PSC,C-PI C†
PĪCĤC†PĪC- P»C-PëC†PIP°PSPSCĤ PrP°PĪP°PĪP»C-C,,P»PsP·PëPSPsPj (3,5 %, 4,3 % C- 5,0 %
PIC-PrPĪPsPIC-PrPSPs) CĤPĪPsCĤC,PµCĤC-PĪP°PICĤCĤ PĪCĤPëPSP°P№PjPSC- PsPrPëPS
PµPĪC-P·PsPr PĪC-PĪPsPiP»C-PëPµPjC-C— C† PĪPsCĤC-PIPSCĤPSPSC- P· PĪCĤC†PĪPsCĤ, CĤPëP°
PsC,CĤPëPjC†PIP°P»P° PĪP»C-PĪC-P·PëPr (40,8 %, 47,0 % C- 50,0 % PIC-PrPĪPsPIC-PrPSPs).
P§P°CĤC,PëP° PĪP°C†C-C°PSC,C-PI, CĤPëC- PĪCĤPsPrPsPIP¶C†PIP°P»Pë P±CĤP°C,Pë

CrC#P°CfC,CH Cr PrPsCfP»C-PrP¶PµPSPSC- PSP° PjPsPjPµPSC, 104 C- 208 C,PëP¶PSC-PI, CfPeP»P°PrP°P»P° 56,2 % C- 39,7 % PrP»C¶ PiCfCrPïPë P»C-PeCrPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSPsPj C- 50,0 % C,P° 34,6 % PrP»C¶ PiCfCrPïPë P»C-PeCrPIP°PSPSC¶ PiP»C-PïC-P·PëPrPsPj.

P°P°PïP°PiP»C-C,,P»PsP·PëPS C¶Pe PrPsPïPsPIPSPµPSPSC¶ PrPs PjPµC,C,,PsCfPjC-PSCf, PiP»C-PjPµPïC-CfPëPrCf, PjPµC,C,,PsCfPjC-PSCf C,P° CfCfP»CHC,,PsPSC-P»CfPµC#PsPIPëPSPë, CfPëC,P°PiP»C-PïC,PëPSCf (P· PjPµC,C,,PsCfPjC-PSPsPj P°P±Ps P±PµP·) P°P±Ps C-PSCfCfP»C-PSCf P·CfPjPsPIPëPI CfC,P°C,PëCfC,PëC#PSPs P·PSP°C#CfC%Pµ P·PjPµPSC¶PµPSPSC¶ HbA1c C#PµCfPµP· 24 C,PëP¶PSC- Cr PïPsCfC-PIPSC¶PSPSC- P· PïP»P°C†PµP±Ps (p < 0,0001).

P—PjPµPSC¶PµPSPSC¶ HbA1c, C¶PePµ CfPïPsCfC,PµCfC-PiP°P»PsCfC¶ PSP° 24 C,PëP¶PSC-, P·P±PµCfC-PiP°P»PsCfC¶ Cr PrPsCfP»C-PrP¶PµPSPSC¶C... PrPsPrP°C,PePsPIPSC— PePsPjP±C-PSPsPIP°PSPsC— C,PµCfP°PïC-C— (PiP»C-PjPµPïC-CfPëPr C,P° C-PSCfCfP»C-PS) PrPs 48 C,PëP¶PSC-PI (PiP»C-PjPµPïC-CfPëPr) C,P° PrPs 104 C,PëP¶PSC-PI (C-PSCfCfP»C-PS). P§PµCfPµP· 48 C,PëP¶PSC-PI PïCfPë PrPsPrP°PIP°PSPSC- PrPs CfPëC,P°PiP»C-PïC,PëPSCf (P· PjPµC,C,,PsCfPjC-PSPsPj P°P±Ps P±PµP·) PIC-PrPePsCfPëPiPsPIP°PSP° CfPµCfPµPrPSC¶ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CfC-PIPSC¶ PrP»C¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCf Cr PrPsP·C- 10 PjPi C- PïP»P°C†PµP±Ps CfPeP»P°PrP°P»P° бґ“0,30 % C,P° 0,38 % PIC-PrPïPsPIC-PrPSPs. Pj PrPsCfP»C-PrP¶PµPSPSC- C-P· PrPsPrP°PIP°PSPSC¶Pj PjPµC,C,,PsCfPjC-PSCf P·PjPµPSC¶PµPSPSC¶ HbA1c P·P±PµCfC-PiP°P»PsCfC¶ C#PµCfPµP· 102 C,PëP¶PSC- (PIC-PrPePsCfPëPiPsPIP°PSP° CfPµCfPµPrPSC¶ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CfC-PIPSC¶ бґ“0,78 % C,P° 0,02 % PrP»C¶ P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf Cr PrPsP·C- 10 PjPi C,P° PïP»P°C†PµP±Ps PIC-PrPïPsPIC-PrPSPs). P§PµCfPµP· 104 C,PëP¶PSC- PïCfPë P·P°CfC,PsCfCfPIP°PSPSC- C-PSCfCfP»C-PSCf (P· PrPsPrP°C,PePsPIPëPj P·P°CfC,PsCfCfPIP°PSPSC¶Pj PïPµCfPµCfP°P»CHPSPëC... C†CfPeCfPsP·PSPëP¶CfPIP°P»CHPSPëC... P»C-PeP°CfCfCHPePëC... P·P°CfPsP±C-PI P°P±Ps P±PµP·) PIC-PrPePsCfPëPiPsPIP°PSP° CfPµCfPµPrPSC¶ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CfC-PIPSC¶ P·PjPµPSC¶PµPSPSC¶ HbA1c CfC,P°PSPsPIPëP»P° бґ“0,71 % C,P° бґ“0,06 % PrP»C¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCf Cr PrPsP·C- 10 PjPi C,P° PïP»P°C†PµP±Ps PIC-PrPïPsPIC-PrPSPs. P§PµCfPµP· 48 C,P° 104 C,PëP¶PSC- PrPsP·P° C-PSCfCfP»C-PSCf P·P°P»PëC¶P°P»P°CfC¶ CfC,P°P±C-P»CHPSPsCf Cr PïPsCfC-PIPSC¶PSPSC- P· PIPëC...C-PrPSPëPj CfC-PIPSPµPj Cr PïP°C†C-C”PSC,C-PI, C¶PeC- PsC,CfPëPjCfPIP°P»Pë PrP°PïP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C- 10 PjPi, C- CfC,P°PSPsPIPëP»P° Cr CfPµCfPµPrPSC¶PsPjCf 76 P¶Ph/PrPsP±Cf. Pj PiCfCrPïC- PïP»P°C†PµP±Ps CfPµCfPµPrPSC” P·P±C-P»CHC¶PµPSPSC¶ PrPsP·Pë CfC,P°PSPsPIPëP»Ps 10,5 P¶Ph/PrPsP±Cf C- 18,3 P¶Ph/PrPsP±Cf PIC-Pr PIPëC...C-PrPSPsPiPs CfC-PIPSC¶ (CfPµCfPµPrPSC¶ PrPsP·P° CfC,P°PSPsPIPëP»P° 84 C,P° 92 P¶Ph/PrPsP±Cf) C#PµCfPµP· 48 C- 104 C,PëP¶PSC- PIC-PrPïPsPIC-PrPSPs. P§P°CfC,PeP° PïP°C†C-C”PSC,C-PI, C¶PeC- PïCfPsPrPsPIP¶CfPIP°P»Pë CrC#P°CfC,CH Cr PrPsCfP»C-PrP¶PµPSPSC- C#PµCfPµP· 104 C,PëP¶PSC-, CfC,P°PSPsPIPëP»P° 72,4 % Cr PiCfCrPïC- P»C-PeCrPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C- 10 PjPi C- 54,8 % Cr PiCfCrPïC- PïP»P°C†PµP±Ps.

P—P°CfC,PsCfC¿PIP°PSPSC¶ PePsPjP±C-PSP°C†C-C— P· PjPµC,C,,PsCfPjC-PSPsPj CfP°PSC-C¶Pµ PSPµ P»C-PePsPIP°PSPëPj PïP°C†C-C”PSC,P°Pj

P—P°PiP°P»PsPj, 1236 CḥP°PSC—C€Pμ PSPμ P»C—PePsPIP°PSPëC... PïP°C†C—C''PSC,C—PI P·
PSPμPrPsCÍ'C,P°C,PSCHbPs PePsPSC,CḥPsP»CHbPsPIP°PSPëPj PrC—P°P±PμC,PsPj 2 C,PëPïCí
(HbAlc ≥ 7,5 % C- ≤ 12 %) P±CḥP°P»Pë CíC†P°CÍ'C,CH Cí PrPIPsC...
PrPsCÍ'P»C—PrP¶PμPSPSCÍ'C... P· P°PeC,PëPIPSPëPj PePsPSC,CḥPsP»PμPj, C%oPs
C,CḥPëPIP°P»Ps 24 C,PëP¶PSC-, PrP»CÍ PsC†C—PSPePë PμC,,PμPeC,PëPIPSPsCÍ'C,C- C,P°
P±PμP·PïPμPePë PrP°PïP°PiP»C—C,,P»PsP·PëPSCí (5 PjPi P°P±Ps 10 PjPi) Cí
PePsPjP±C—PSP°C†C—C— P· PjPμC,C,,PsCḥPjC—PSPsPj PrP»CÍ CḥP°PSC—C€Pμ PSPμ
P»C—PePsPIP°PSPëC... PïP°C†C—C''PSC,C—PI PïPsCḥC—PIPSCÍ'PSPs P· C,PμCḥP°PïC—C''Cḥ
PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë P»C—PeP°CḥCÍ'CHbPePëPjPë P·P°CÍ'PsP±P°PjPë.

P>C—PeCíPIP°PSPSCÍ PrP°PïP°PiP»C—C,,P»PsP·PëPSPsPj Cí PrPsP·C— 10 PjPi Cí
PePsPjP±C—PSP°C†C—C— P· PjPμC,C,,PsCḥPjC—PSPsPj (PrPs 2000 PjPi PSP° PrPsP±Cí)
P·P°P±PμP·PïPμC†PëP»Ps P·PSP°C†PSPμ PïPsPeCḥP°C%oP°PSPSCÍ HbAlc PïPsCḥC—PIPSCÍ'PSPs
P· P»C—PeCíPIP°PSPSCÍPj PsPeCḥPμPjPëPjPë PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë
P»C—PeP°CḥCÍ'CHbPePëPjPë P·P°CÍ'PsP±P°PjPë (C,P°P±P»PëC†CÍ 2) C— CÍ'PïCḥPëC†PëPSPëP»Ps
P±C—P»CHbC€Pμ P·PSPëP¶PμPSPSCÍ CḥC—PIPSCÍ PïP»CḥPePsP·Pë PI PïP»P°P·PjC— PeCḥPsPIC—
PSP°C,C%oPμ (P''PμPí) (Cí PïPsCḥC—PIPSCÍ'PSPSC— P· P»C—PeCíPIP°PSPSCÍPj
PsPeCḥPμPjPëPjPë PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë P»C—PeP°CḥCÍ'CHbPePëPjPë
P·P°CÍ'PsP±P°PjPë) C,P° PjP°CÍ'Pë C,C—P»P° (Cí PïPsCḥC—PIPSCÍ'PSPSC— P·
PjPμC,C,,PsCḥPjC—PSPsPj).

PÿP°P±P»PëC†CÍ 2. P PμP·C¿P»CHbC,P°C,Pë PSP° C,PëP¶PSC— 24 (PμP'P''PḥPÿ^{P°}) PI
P°PeC,PëPIPSPs—PePsPSC,CḥPsP»CHbPsPIP°PSPsPjC¿ PrPsCÍ'P»C—PrP¶PμPSPSC—
PePsPjP±C—PSPsPIP°PSPsC— C,PμCḥP°PïC—C— PrP°PïP°PiP»C—C,,P»PsP·PëPSPsPj C—
PjPμC,C,,PsCḥPjC—PSPsPj C¿ CḥP°PSC—C€Pμ PSPμ P»C—PePsPIP°PSPëC... PïP°C†C—C''PSC,C—PI

B	P''P°PïP°PiP»C—C,,P»PsP·PëPSP''P°PïP°PiP»C—C,,P»PsP·PëPSPḥPμC,C,,PsCḥPjC—PS	
	10 PjPi	10 PjPi
PμP°CḥP°PjPμC,Cḥ	PḥPμC,C,,PsCḥPjC—PS	
N ^b	211 ^b	219 ^b 208 ^b

HbAlc (%)	B	B	B
P _μ PsC _‡ P [°] C,PePsPIPs	9,10	9,03	9,03
(C _Γ P _μ C _Γ P _μ PrPSC [°])	в _Г "1,98	в _Г "1,45	в _Г "1,44
P—PjC—PSP [°] PIC—Pr		B	
PiPsC _‡ P [°] C,PePsPIPsPiPs ^c	в _Г "0,53*B	B	
P C—P·PSPëC†C _Π	(в _Г "0,74; в _Г "0,32)		
PiPsC _Γ C—PIPSC _Π PSPs P·			
PrP [°] PiP [°] PiP»C—C,,P»PsP·PëPSPsPj ^{C_Γ}	в _Г "0,54* B	в _Г "0,01	
(95% P"Pt)	(в _Г "0,75; в _Г "0,33)	(в _Г "0,22; 0,20)	
P C—P·PSPëC†C _Π			
PiPsC _Γ C—PIPSC _Π PSPs P·			
PjP _μ C,C,,PsC _Γ PjC—PSPsPj ^c			
(95% P"Pt)			

^a P_μP'P"P_hP_Ÿ в_Г" PiP_μC_ΓP_μPSP_μC_ΓP_μPSPSC_Π PIPiP_μC_ΓP_μPr PrP[°]PSPëC...
PsC_ΓC,P[°]PSPSCH_μPsPiPs C_ΓPiPsC_ΓC,P_μC_ΓP_μP_ΠP_μPSPSC_Π.

^b P'C_ΓC— C_ΓP[°]PSPPrPsPjC—P·PsPIP[°]PSC— PiP[°]C†C—C"PSC,Pë, C_ΠPeC— PsC,C_ΓPëPjP[°]P»Pë
PiC_ΓPëPSP[°]PNëPjPSC— PsPrPSC_Γ PrPsP·C_Γ P»C—PeP[°]C_ΓC_hPePsPiPs P·P[°]C_ΓPsP±C_Γ
PiPsPrPIC—PNëPSPsPiPs C_ΓP»C—PiPsPiPs PrPsC_ΓP»C—PrP_ΠP_μPSPSC_Π PiC—Pr C_‡P[°]C_Γ
PePsC_ΓPsC,PePsC_‡P[°]C_ΓPSPsPiPs PiPsPrPIC—PNëPSPsPiPs C_ΓP»C—PiPsPiPs PiP_μC_ΓC—PsPrC_Γ.

^c P_ŸP_μC_ΓP_μPrPSC" P·P[°] PjP_μC,PsPrPsPj PSP[°]PNëPjP_μPSC€PëC... PePIP[°]PrC_ΓP[°]C,C—PI
C_ΓPePsC_ΓPëPiPsPIP[°]PSP_μ PSP[°] PiPsC_‡P[°]C,PePsPIP_μ P·PSP[°]C_‡P_μPSPSC_Π.

* p·P·PSP[°]C_‡P_μPSPSC_Π < 0,0001.

*P_μPsPjP±C—PSPsPIP[°]PSP[°] C,P_μC_ΓP[°]PiC—C_Π P· P_μPeC_ΓP_μPSP[°]C,PëPrPsPj
PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs PIPëPIC—P»CH_μPSP_μPSPSC_Π*

Pj 28-C,PëP_ΠPSP_μPIPsPjC_Γ PiPsPrPIC—PNëPSPsPjC_Γ C_ΓP»C—PiPsPjC_Γ P[°]PeC,PëPIPSPs-
PePsPSC,C_ΓPsP»CH_μPsPIP[°]PSPsPjC_Γ PrPsC_ΓP»C—PrP_ΠP_μPSPSC— PePsPjP±C—PSP[°]C†C—C_Π
PrP[°]PiP[°]PiP»C—C,,P»PsP·PëPSC_Γ C,P[°] P_μPeC_ΓP_μPSP[°]C,PëPrC_Γ PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs
PIPëPIC—P»CH_μPSP_μPSPSC_Π (P[°]PiPsPSC—C_ΓC, C_ΓP_μC†P_μPiC,PsC_ΓP[°] P"P_μP_μ-1)
PiPsC_ΓC—PIPSC_hPIP[°]P»P[°]C_ΓC_Π P· P»C—PeC_ΓPIP[°]PSPSC_ΠPj PrP[°]PiP[°]PiP»C—C,,P»PsP·PëPSPsPj
PsPeC_ΓP_μPjPs C— P_μPeC_ΓP_μPSP[°]C,PëPrPsPj PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs
PIPëPIC—P»CH_μPSP_μPSPSC_Π PsPeC_ΓP_μPjPs C_Γ PiP[°]C†C—C"PSC,C—PI P· PSP_μPrPsC_ΓC,P[°]C,PSC_hPs
PePsPSC,C_ΓPsP»CH_μPsPIP[°]PSPëPj PrC—P[°]P±P_μC,PsPj PSP[°] PjPsPSPsC,P_μC_ΓP[°]PiC—C—
PjP_μC,C,,PsC_ΓPjC—PSPsPj (HbAlc ≥ 8 % C— ≤12%). Pj PIC_ΓC—C... PiC_ΓC_ΓPiP[°]C...
P»C—PeC_ΓPIP[°]PSPSC_Π P·PjP_μPSC€PëPIC_ΓC_Π C_ΓC—PIP_μPSC_h HbAlc PiPsC_ΓC—PIPSC_ΠPSPs P·
PiPsC_‡P[°]C,PePsPIPëPj. P_μPsPjP±C—PSPsPIP[°]PSP[°] C,P_μC_ΓP[°]PiC—C_Π
PrP[°]PiP[°]PiP»C—C,,P»PsP·PëPSPsPj C_Γ PrPsP·C— 10 PjPi C,P[°] P_μPeC_ΓP_μPSP[°]C,PëPrPsPj
PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs PIPëPIC—P»CH_μPSP_μPSPSC_Π P·C_ΓPjPsPIPëP»P[°] P·PSP[°]C_‡PSP_μ
P·PSPëP_ΠP_μPSPSC_Π C_ΓC—PIPSC_Π HbAlc PiPsC_ΓC—PIPSC_ΠPSPs P· PiPsC_‡P[°]C,PePsPIPëPj
PiPsPeP[°]P·PSPëPePsPj C_Γ PiPsC_ΓC—PIPSC_ΠPSPSC— P· P»C—PeC_ΓPIP[°]PSPSC_ΠPj
PrP[°]PiP[°]PiP»C—C,,P»PsP·PëPSPsPj C,P[°] P_μPeC_ΓP_μPSP[°]C,PëPrPsPj PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs
PIPëPIC—P»CH_μPSP_μPSPSC_Π PsPeC_ΓP_μPjPs (C,P[°]P±P»PëC†C_Π 3).

*PjP[°]P±P»PëC†C_Π 3. P P_μP·C_‡P»CH_μC,P[°]C,Pë PsPrPSPsPiPs 28-C,PëP_ΠPSP_μPIPsPiPs
PrPsC_ΓP»C—PrP_ΠP_μPSPSC_Π PrP[°]PiP[°]PiP»C—C,,P»PsP·PëPSC_Γ C,P[°] P_μPeC_ΓP_μPSP[°]C,PëPrC_‡
PiC_ΓPsP»PsPSPiPsPIP[°]PSPsPiPs PIPëPIC—P»CH_μPSP_μPSPSC_Π C_‡ PiPsC_ΓC—PIPSC_ΠPSPSC— P·*

$P \gg C - PeC \acute{z} PIP^{\circ} PSPSC \downarrow Pj \ PrP^{\circ} PiP^{\circ} PiP \gg C - C_{,,} P \gg PsP \cdot P \ddot{e} PSPsPj \ PsPeC \ddot{H} P_{\mu} PjPs \ C -$
 $P_{\mu} PeC \ddot{I} P_{\mu} PSP^{\circ} C, P \ddot{e} PrPsPj \ P \ddot{I} C \ddot{H} PsP \gg PsPSPIPsPIP^{\circ} PSPsPiPs \ PIP \ddot{e} PIC - P \gg CH \ P SP_{\mu} PSPSC \downarrow$
 $PsPeC \ddot{H} P_{\mu} PjPs \ C \acute{z} \ PePsPjP \pm C - PSP^{\circ} C \dagger C - C - P \cdot PjP_{\mu} C, C_{,,} PsC \ddot{H} PjC - PSPsPj \ (C \ddot{I} C \acute{z} PeC \acute{z} PiPSC - C \ddot{I} C, CH$
 $PIC \ddot{I} C - C \dots C \ddot{H} P^{\circ} PSPrPsPjC - P \cdot PsPIP^{\circ} PSP \ddot{e} C \dots PiP^{\circ} C \dagger C - C''PSC, C - PI \ P \cdot PiC - PrPSPs \ P \cdot$
 $P \ddot{I} C \ddot{H} P \ddot{e} P \cdot PSP^{\circ} C \ddagger P_{\mu} PSP \ddot{e} Pj \ P \gg C - PeC \acute{z} PIP^{\circ} PSPSC \downarrow Pj)$

B	$P''P^{\circ} PiP^{\circ} PiP \gg C - C_{,,} P \gg PsP \cdot P \ddot{e} PS$	$P''P^{\circ} PiP^{\circ} PiP \gg C - C_{,,} P \gg PsP \cdot P \ddot{e} PSP \cdot PeC \ddot{I} P_{\mu} PSP^{\circ} C, P \ddot{e} Pr$	
B	10 $PjPi \ 1 \ C \ddot{H} / Pr$	10 $PjPi \ 1 \ C \ddot{H} / Pr$	$P \ddot{I} C \ddot{H} PsP \gg PsPSPIPsPIP^{\circ} PSPsPiPs$
B	$P \cdot PeC \ddot{I} P_{\mu} PSP^{\circ} C, P \ddot{e} Pr$	$P_{\mu} P \gg P^{\circ} C \dagger P_{\mu} P \pm Ps \ 1 \ C \ddot{H} / C,$	$PIP \ddot{e} PIC - P \gg CH \ P SP_{\mu} PSPSC \downarrow$
B	$P \ddot{I} C \ddot{H} PsP \gg PsPSPIPsPIP^{\circ} PSPsPiPs$		2 $PjPi \ 1 \ C \ddot{H} / C,$
$P_{\mu} P^{\circ} C \ddot{H} P^{\circ} PjP_{\mu} C, C \ddot{H}$	$PIP \ddot{e} PIC - P \gg CH \ P SP_{\mu} PSPSC \downarrow \ 2$		$P_{\mu} P \gg P^{\circ} C \dagger P_{\mu} P \pm Ps \ 1 \ C \ddot{H} / Pr$
	$PjPi$		
N	1 $C \ddot{H} / C,$	230	227
HbAlc (%)	228		
$P_{\mu} PsC \ddagger P^{\circ} C, PePsPIPs$			
($C \ddot{I} P_{\mu} C \ddot{H} P_{\mu} PrPSC''$)			
$P - PjC - PSP^{\circ} \ PIC - Pr$	9,29	9,25	9,26
$PiPsC \ddagger P^{\circ} C, PePsPIPsPiPs^a$	$B \ddot{H}''1,98$	$B \ddot{H}''1,39$	$B \ddot{H}''1,60$
$P \ddot{Y} P_{\mu} C \ddot{H} P_{\mu} PrPSC \downarrow$	B		
$C \ddot{H} C - P \cdot PSP \ddot{e} C \dagger C \downarrow$			
$P \cdot PjC - PSP \ddot{e} \ PIC - Pr$			
$PiPsC \ddagger P^{\circ} C, PePsPIPsPiPs$			
$PjC - P \P$		$B \ddot{H}''0,59^*$	$B \ddot{H}''0,38^{**}$
$PePsPjP \pm C - PSP^{\circ} C \dagger C - C''C \ddot{H}$		($B \ddot{H}''0,84; B \ddot{H}''0,34$)	($B \ddot{H}''0,63; B \ddot{H}''0,13$)
$C - PsPeC \ddot{H} P_{\mu} PjP \ddot{e} PjP \ddot{e}$			
$P \gg C - PeP^{\circ} C \ddot{H} C \ddot{I} CH \ PeP \ddot{e} PjP \ddot{e}$			
$P \cdot P^{\circ} C \ddot{I} PsP \pm P^{\circ} PjP \ddot{e} \ (95 \ %$			
$P''P \dagger)$			
$P_{\mu} P^{\circ} C \dagger C - C''PSC, P \ddot{e} \ (%)$			
$C \% PsB \ PrPsC \ddot{I} C \downarrow PiP \gg P \ddot{e}$	44,7	19,1	26,9
HbAlc < 7 %			
$P_{\mu} P^{\circ} C \ddot{I} P^{\circ} \ C, C - P \gg P^{\circ} \ (PePi)$			
$P_{\mu} PsC \ddagger P^{\circ} C, PePsPIPs$			
($C \ddot{I} P_{\mu} C \ddot{H} P_{\mu} PrPSC''$)			
$P - PjC - PSP^{\circ} \ PIC - Pr$	92,13	90,87	89,12
$PiPsC \ddagger P^{\circ} C, PePsPIPsPiPs^a$	$B \ddot{H}''3,55$	$B \ddot{H}''2,22$	$B \ddot{H}''1,56$
$P \ddot{Y} P_{\mu} C \ddot{H} P_{\mu} PrPSC \downarrow$	B		
$C \ddot{H} C - P \cdot PSP \ddot{e} C \dagger C \downarrow$			
$P \cdot PjC - PSP \ddot{e} \ PIC - Pr$			
$PiPsC \ddagger P^{\circ} C, PePsPIPsPiPs$			
$PjC - P \P$			
$PePsPjP \pm C - PSP^{\circ} C \dagger C - C''C \ddot{H}$			
$C - PsPeC \ddot{H} P_{\mu} PjP \ddot{e} PjP \ddot{e}$			
$P \gg C - PeP^{\circ} C \ddot{H} C \ddot{I} CH \ PeP \ddot{e} PjP \ddot{e}$			
$P \cdot P^{\circ} C \ddot{I} PsP \pm P^{\circ} PjP \ddot{e} \ (95 \ %$		$B \ddot{H}''1,33^*$	$B \ddot{H}''2,00^*$
$P''P \dagger)$		($B \ddot{H}''2,12; B \ddot{H}''0,55$)	($B \ddot{H}''2,79; B \ddot{H}''1,20$)

1 $C \ddot{H} / Pr = PsPrP \ddot{e} PS \ C \ddot{H} P^{\circ} P \cdot PSP^{\circ} \ PrPsP \pm C \acute{r}$. 1 $C \ddot{H} / C$, $PsPrP \ddot{e} PS \ C \ddot{H} P^{\circ} P \cdot PSP^{\circ} \ C, P \ddot{e} P \P PrP_{\mu} PSCH$. N = $PeC - P \gg CH \ PeC - C \ddot{I} C, CH \ PiP^{\circ} C \dagger C - C''PSC, C - PI$. P'I = $PrPsPIC - C \ddot{H} C \ddagger P \ddot{e} P \P \ C - PSC, P_{\mu} C \ddot{H} PIP^{\circ} P \gg$

^a $P \ddot{Y} P_{\mu} C \ddot{H} P_{\mu} PrPSC'' \ P \cdot P^{\circ} \ PjP_{\mu} C, PsPrPsPj \ PSP^{\circ} P \P PjP_{\mu} PSC \epsilon P \ddot{e} C \dots PePIP^{\circ} PrC \ddot{H} P^{\circ} C, C - PI$
 $C \ddot{I} PePsC \ddot{H} P \ddot{e} PiPsPIP^{\circ} PSP_{\mu} \ PSP^{\circ} \ PiPsC \ddagger P^{\circ} C, PePsPIPs \ P \cdot PSP^{\circ} C \ddagger P_{\mu} PSPSC \downarrow \ C - C \ddot{H} C - P \cdot PSP \ddot{e} C \dagger C \downarrow$
 $PjC - P \P \ PiC \ddot{H} C \acute{r} PiP^{\circ} PjP \ddot{e} \ P \gg C - PeC \acute{r} PIP^{\circ} PSPSC \downarrow \ C \acute{r} \ P \cdot PjC - PSC - PIC - Pr \ PiPsC \ddagger P^{\circ} C, PePsPIP \ddot{e} C \dots$
 $P \cdot PSP^{\circ} C \ddagger P_{\mu} PSCH \ PSP^{\circ} \ C, P \ddot{e} P \P PSC - 28 \ PjPsPrP_{\mu} P \gg C \ddot{H} C \ddot{H} C, CH \ C \ddot{I} C \downarrow \ P \cdot P^{\circ} \ PrPsPiPsPjPsPiPsC \ddot{H}$
 $P \cdot PjC - C \epsilon P^{\circ} PSPsC - PjPsPrP_{\mu} P \gg C - P \cdot PiPsPIC, PsC \ddot{H} C \ddot{H} PIP^{\circ} PSP \ddot{e} PjP \ddot{e}$
 $PIP \ddot{e} PjC - C \ddot{H} C \ddot{H} PIP^{\circ} PSPSC \downarrow PjP \ddot{e}, PIP \epsilon P \gg C \ddot{H} C \ddagger P^{\circ} C \ddot{H} C \ddagger P \ddot{e} \ P \gg C - PeC \acute{r} PIP^{\circ} PSPSC \downarrow, C \ddot{H} P_{\mu} PiC - PsPS,$
 $PiPsC \ddagger P^{\circ} C, PePsPIP \ddot{e} P \P \ C \ddot{H} C - PIP_{\mu} PSCH \ HbAlc \ (< 9,0 \ \% \ P^{\circ} P \pm Ps \geq 9,0 \ \%), C, P \ddot{e} P \P PrP_{\mu} PSCH \ C -$
 $PiPsC, P \ddot{e} P \P PSP_{\mu} PIP_{\mu} \ P \gg C - PeC \acute{r} PIP^{\circ} PSPSC \downarrow \ C \downarrow Pe \ C_{,,} C - PeC \ddot{I} PsPIP^{\circ} PSC - C_{,,} P^{\circ} PeC, PsC \ddot{H} P \ddot{e} \ C -$
 $PiPsC \ddagger P^{\circ} C, PePsPIPs \ P \cdot PSP^{\circ} C \ddagger P_{\mu} PSPSC \downarrow \ C \downarrow Pe \ PePsPIP^{\circ} C \ddot{H} C - P^{\circ} C, C \acute{r}$.

* $p < 0,001$.

** $p < 0,01$.

Сҗ-Р·PSP°С±РµPSPSCЦ вҖҖ PICҒС- CҒPePsСҗPёPiPsPIP°PSC- Сҗ-Р·PSP°С±РµPSPSCЦ PrP»CЦ PjPSPsPҖPёPSPSPsCҒС,С-.

РҗPSP°P»С-Р·Pё PIPёPeP»СҖС±P°СҖС,СҖ PIPёPjС-СҗСҖPIP°PSPSCЦ PҒС-СҒP»CЦ C,РµCҗP°PiС-С— PҒPsСҗCЦC,CҒPSPeCҒ С- PҒС-СҒP»CЦ PrPsCҒС,СҗPsPePsPIPsPiPs PҒСҗPёPiPёPSPµPSPSCЦ P·P°CҒС,PsCҒCҒPIP°PSPSCЦ PrPsCҒP»С-PrPҖCҒPIP°PSPsPiPs P»С-PeP°СҗCҒСҖPePsPiPs P·P°CҒPs±CҒ.

P C-PIPSC- PiP»СҖPePsP·Pё PI PiP»P°P·PjС- PeСҗPsPIC- PSP°C,C%oPµ

P—P°CҒС,PsCҒCҒPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSCҒ CҒ PrPsP·С- 10 PjPi CҒ PIPёPiP»CЦPrC- PjPsPSPsC,РµCҗP°PiС-С— P°P±Ps CЦPe PrPsPiPsPIPsPSPµPSPSCЦ PrPs PjPµC,C,,PsСҗPjС-PSCҒ, PiP»С-PjPµPiС-СҗPёPrCҒ, PjPµC,C,,PsСҗPjС-PSCҒ C,P° CҒCҒP»СҖС,,PsPSC-P»CҒPµC±PsPIPёPSPё, CҒPёC,P°PiP»С-PҒС,PёPSCҒ (P· PjPµC,C,,PsСҗPjС-PSPsPj P°P±Ps P±PµP·) P°P±Ps С-PSCҒCҒP»С-PSCҒ P·CҒPjPsPIPёP»Ps CҒС,P°C,PёCҒС,PёC±PSPs P·PSP°С±CҒC%oPµ P·PSPёPҖPµPSPSCЦ P“PµPҖ (PIC-Pr вҖҖ“1,90 PrPs вҖҖ“1,20 PjPjPsP»СҖP/P» [PIC-Pr вҖҖ“34,2 PrPs вҖҖ“21,7 PjPi/PrP»]) PҒPsСҗС-PIPsCЦPSPs P· PiP»P°C±PµP±Ps (PIC-Pr вҖҖ“0,33 PrPs 0,21 PjPjPsP»СҖP/P» [PIC-Pr вҖҖ“6,0 PrPs 3,8 PjPi/PrP»]). PҒPµP№ PµC,,PµPeC, CҒPiPsCҒС,РµCҗС-PiP°PICҒCЦ CҒ C,PёPҖPrPµPSCҖ 1 P»С-PeCҒPIP°PSPSCЦ С- P·P±PµCҗС-PiP°PICҒCЦ CҒ PrPsCҒP»С-PrPҖPµPSPSCЦC... P· PҒСҗPsPrPsPIPҖPµPSPSCЦPj PrPs C,PёPҖPSCЦ 104 PIPeP»СҖС±PSPs.

РҗPsPjP±С-PSPsPIP°PSP° C,РµCҗP°PiС-СЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj 10 PjPi C,P° PµPeCҒPµPSP°C,PёPrPsPj PҒСҗPsP»PsPSPiPsPIP°PSPsPiPs PIPёPIC-P»СҖPSPµPSPSCЦ PҒСҗPёPiPµP»P° PrPs CҒCҒС,C,C”PIC-CёPsPiPsB P·PSPёPҖPµPSPSCЦB P“PµPҖ PSP° 28 C,PёPҖPSC-: вҖҖ“3,66 PjPjPsP»СҖP/P» (вҖҖ“65,8 PjPi/PrP»), CҒ PҒPsСҗС-PIPsCЦPSPSC- вҖҖ“2,73 PjPjPsP»СҖP/P» (вҖҖ“49,2 PjPi/PrP») CҒ CҗP°P·С- P·P°CҒС,PsCҒCҒPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSCҒ PsPeСҗPµPjPs (Сҗ < 0,001) C,P° вҖҖ“2,54 PjPjPsP»СҖP/P» (вҖҖ“45,8 PjPi/PrP») CҒ CҗP°P·С- P·P°CҒС,PsCҒCҒPIP°PSPSCЦ PµPeCҒPµPSP°C,PёPrCҒ PsPeСҗPµPjPs (Сҗ < 0,001).

Pj CҒPiPµCҒС-P°P»СҖPSPsPjCҒ PrPsCҒP»С-PrPҖPµPSPSC- CҒ PiP°CҒС-C”PSC,C-PI, C...PIPsСҗPёC... PSP° CҒCҒPeСҗPsPIPёP№ PrC-P°P±PµC,, P· pPёPҗPҖ PIC-Pr ≥ 45 PrPs < 60 PjP»/C...PI/1,73 Pj² P»С-PeCҒPIP°PSPSCЦ B PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj PҒСҗPsPrPµPjPsPSCҒС,CҗCҒPIP°P»Ps P·PSPёPҖPµPSPSCЦ P“PµPҖ PSP° 24 C,PёPҖPSC-: -1,19 PjPjPsP»СҖP/P» (- 21,46 PjPi/PrP») CҒ PҒPsСҗС-PIPsCЦPSPSC- P· -0,27 PjPjPsP»СҖP/P» (-4,87 PjPi/PrP») PrP»CЦ PiP»P°C±PµP±Ps (Сҗ = 0,001).

P C-PIPSC- PiP»СҖPePsP·Pё CҒ PiP»P°P·PjС- PeСҗPsPIC- PiС-СҒP»CЦ PҒСҗPёP№PsPjCҒС- PҖC-

P»С-PeCҒPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj CҒ PrPsP·С- 10 PjPi PrPsPrP°C,PePsPIPs PrPs P»С-PeCҒPIP°PSPSCЦ PiP»С-PjPµPiС-СҗPёPrPsPj CҒPiСҗPёC±PёPSPёP»PsB CҒС,P°C,PёCҒС,PёC±PSPs P·PSP°С±CҒC%oPµ P·PSPёPҖPµPSPSCЦ СҗС-PIPsC-PI PiP»СҖPePsP·Pё

PI PiP»P°P·PjC- PeCḡPsPIC- C‡PμCḡPμP· 2 PiPsPrPēPSPē PiC-Cl̇P»Cḡ PiCḡPēPNēPsPjCr C—PḡC- C‡PμCḡPμP· 24 C,PēPḡPSC- P·C- P·P±PμCḡPμPḡPμPSPSCḡPj C†PēC... PiPsPeP°P·PSPēPeC-PI PrPs C,PēPḡPSCḡ 48.

P>C-PeCfPIP°PSPSCḡ PrP°PiP°PiP»C-C,,P»PsP·PēPSPsPj Cr PrPsP·C- 10 PjPi Cr PIPēPiP»CḡPrC- PrPsPiPsPIPSPμPSPSCḡ PrPs Cl̇PēC,P°PiP»C-PiC,PēPSCr (P· PjPμC,C,,PsCḡPjC-PSPsPj P°P±Ps P±PμP·) P·CfPjPsPIPēP»Ps P·PSPēPḡPμPSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pē C‡PμCḡPμP· 2 PiPsPrPēPSPē PiC-Cl̇P»Cḡ PiCḡPēPNēPsPjCr C—PḡC- PSP° 24-PjCr C,PēPḡPSC-, C%oPs P·P±PμCḡC-PiP°P»PsCl̇Cḡ PrPs C,PēPḡPSCḡ 48.

PḡPsPjP±C-PSPsPIP°PSP° C,PμCḡP°PiC-Cl̇ PrP°PiP°PiP»C-C,,P»PsP·PēPSPsPj 10 PjPi C,P° PμPecPμPSP°C,PēPrPsPj PiCḡPsP»PsPSPiPsPIP°PSPsPiPs PIPēPIC-P»CḢPSPμPSPSCḡ P·CfPjPsPIPēP»P° P·PSP°C‡CrC%oPμ P·PSPēPḡPμPSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pē Cr 2- PiPsPrPēPSPSPsPjCr PiPsCl̇C,PiCḡP°PSPrC-P°P»CḢPSPsPjCr C,PμCl̇C,C- PSP° 28 C,PēPḡPSC-B PiPsCḡC-PIPSCḡPSPs P· PsPeCḡPμPjPēPjPē P»C-PeP°CḡCl̇CḢPePēPjPē P·P°Cl̇PsP±P°PjPē.

PḡP°Cl̇P° C,C-P»P°

P''P°PiP°PiP»C-C,,P»PsP·PēPS Cr PrPsP·C- 10 PjPi Cl̇Pe PrPsPiPsPIPSPμPSPSCḡ PrPs PjPμC,C,,PsCḡPjC-PSCr, PiP»C-PjPμPiC-CḡPēPrCr, PjPμC,C,,PsCḡPjC-PSCr C,P° Cl̇CrP»CḢC,,PsPSC-P»Cl̇PμC‡PsPIPēPSPē, Cl̇PēC,P°PiP»C-PiC,PēPSCr (P· PjPμC,C,,PsCḡPjC-PSPsPj P°P±Ps P±PμP·) P°P±Ps C-PSCl̇CrP»C-PSCr P·CfPjPsPIPēPI Cl̇C,P°C,PēCl̇C,PēC‡PSPs P·PSP°C‡CrC%oPμ P·PjPμPSCēPμPSPSCḡ PjP°Cl̇Pē C,C-P»P° C‡PμCḡPμP· 24 C,PēPḡPSC- (p < 0,0001). P|C- PμC,,PμPeC,Pē P·P±PμCḡC-PiP°P»PēCl̇Cḡ Cr PrPsPIPiPsCl̇C,CḡPsPePsPIPēC... PrPsCl̇P»C-PrPḡPμPSPSCḡC.... PḡPμCḡPμP· 48 C,PēPḡPSC-PI PIC-PrPjC-PSPSC-Cl̇C,CḢ PIC-Pr PiP»P°C†PμP±Ps Cr CḡP°P·C- P·P°Cl̇C,PsCl̇CrPIP°PSPSCḡ PrP°PiP°PiP»C-C,,P»PsP·PēPSCr Cl̇Pe PrPsPiPsPIPSPμPSPSCḡ PrPs Cl̇PēC,P°PiP»C-PiC,PēPSCr (P· PjPμC,C,,PsCḡPjC-PSPsPj P°P±Ps P±PμP·) Cl̇C,P°PSPsPIPēP»P° бḡ"2,22 PePi. PḡPμCḡPμP· 102 C,PēPḡPSC- PIC-PrPjC-PSPSC-Cl̇C,CḢ PIC-Pr PiP»P°C†PμP±Ps Cr CḡP°P·C- P·P°Cl̇C,PsCl̇CrPIP°PSPSCḡ PrP°PiP°PiP»C-C,,P»PsP·PēPSCr Cl̇Pe PrPsPiPsPIPSPμPSPSCḡ PrPs PjPμC,C,,PsCḡPjC-PSCr P°P±Ps C-PSCl̇CrP»C-PSCr Cl̇C,P°PSPsPIPēP»P° бḡ"2,14 C,P° бḡ"2,88 PePi PIC-PrPiPsPIC-PrPSPs.

P' P°PeC,PēPIPSPs-PePsPSC,CḡPsP»CḢPsPIP°PSPsPjCr PrPsCl̇P»C-PrPḡPμPSPSC- P· PrPsPIPμPrPμPSPSCḡ PSPμ PSPēPḡC‡PsC— PμC,,PμPeC,PēPIPSPsCl̇C,C- PrPsCl̇P»C-PrPḡCrPIP°PSPsPiPs P»C-PeP°CḡCl̇CḢPePsPiPs P·P°Cl̇PsP±Cr PrP°PiP°PiP»C-C,,P»PsP·PēPS Cl̇Pe PrPsPiPsPIPSPμPSPSCḡ PrPs PjPμC,C,,PsCḡPjC-PSCr P·CfPjPsPIPēPI Cl̇C,P°C,PēCl̇C,PēC‡PSPs P·PSP°C‡CrC%oPμ P·PjPμPSCēPμPSPSCḡ PjP°Cl̇Pē C,C-P»P° PiPsCḡC-PIPSCḡPSPs P· PiP»C-PiC-P·PēPrPsPj: бḡ"4,65 PePi C‡PμCḡPμP· 52 C,PēPḡPSC- (p < 0,0001), C%oPs P·P±PμCḡC-PiP°P»PsCl̇Cḡ C‡PμCḡPμP· 104 C,P° 208 C,PēPḡPSC-PI (бḡ"5,06 PePi C,P° бḡ"4,38 PePi PIC-PrPiPsPIC-PrPSPs).

PḡPsPjP±C-PSP°C†C-Cl̇ PrP°PiP°PiP»C-C,,P»PsP·PēPSCr 10 PjPi C,P° PμPeCl̇PμPSP°C,PēPrCr PiCḡPsP»PsPSPiPsPIP°PSPsPiPs PIPēPIC-P»CḢPSPμPSPSCḡ PiCḡPsPrPμPjPsPSCl̇C,CḡCrPIP°P»P° Cl̇CrC,C,C''PIC-CēPμ P·PSPēPḡPμPSPSCḡ PjP°Cl̇Pē

C,C-P»P° Cr PīPsCḥC-PIPSCḥPSPSC- P· C,PμCḥP°PīC-C"Ḥ PePsPḥPSPēPj C-P·
P»C-PeP°CḥCḥPePēC... P·P°CḥPsP±C-PI PsPeCḥPμPjPs (C,P°P±P»PēCḥCḥ 3).

P PμP·CrP»CḥC,P°C,Pē 24-C,PēPḥPSPμPIPsPiPs PrPsCḥP»C-PrPḥPμPSPSCḥ P·P° CrCḥP°CḥC,Ḥ
182 PīP°CḥC-C"ḤPSC,C-PI P· CḥCrPeCḥPsPIPēPj PrC-P°P±PμC,PsPj, PI CḥPePsPjCr
PIPēPePsCḥPēCḥC,PsPICḥPIP°P»Pē PrPIPsPμPSPμCḥPiC-PNḥPSCḥ
CḥPμPSC,PiPμPSC-PICḥCḥPeCr P°P±CḥPsCḥP±CḥC-PsPjPμC,CḥC-Cḥ PrP»Cḥ PsCḥC-PSPePē
CḥPeP»P°PrCr C,C-P»P°, PīPsPeP°P·P°P»Pē P±C-P»CḥCḥPμ P·PjPμPSCḥPμPSPSCḥ PjP°CḥPē
C,C-P»P° C,P° PḥPēCḥPsPIPsC— PjP°CḥPē C,C-P»P°, PSC-Pḥ P·PjPμPSCḥPμPSPSCḥ
P±PμP·PḥPēCḥPsPIPsC— PjP°CḥPē C,C-P»P° CḥPē PIC,CḥP°C,Cr CḥC-PrPēPSPē, Cr
PīP°CḥC-C"ḤPSC,C-PI PI PiCḥCrPīC- P»C-PeCrPIP°PSPSCḥ PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj Cr
PrPsP·C- 10 PjPi C- PjPμC,C,,PsCḥPjC-PSPsPj PīPsCḥC-PIPSCḥPSPs P· PiCḥCrPīPsCḥ
PīP»P°CḥPμP±Ps C- PjPμC,C,,PsCḥPjC-PSCḥ. P»C-PeCrPIP°PSPSCḥ P»C-PeP°CḥCḥPePēPj
P·P°CḥPsP±PsPj P»PsCḥPeCḥC-PiP° C,P° PjPμC,C,,PsCḥPjC-PSPsPj P·CrPjPsPIPēP»Ps
CḥPēCḥPμP»CḥPSPμ P·PjPμPSCḥPμPSPSCḥ PIC-CḥCḥPμCḥP°P»CḥPSPsC— PḥPēCḥPsPIPsC—
C,PeP°PSPēPSPē PīPsCḥC-PIPSCḥPSPs P· P»C-PeCrPIP°PSPSCḥPj PīP»P°CḥPμP±Ps C,P°
PjPμC,C,,PsCḥPjC-PSPsPj, P·P° PrP°PSPēPjPē CḥCrP±PrPsCḥP»C-PrPḥPμPSPSCḥ P·
PIPēPePsCḥPēCḥC,P°PSPSCḥPj PjP°PiPSC-C,PSPs-CḥPμP·PsPSP°PSCḥPSPsC—
C,PsPjPsPiCḥP°C,,C-C—.

PḥCḥC,PμCḥC-P°P»CḥPSPēPNḥ C,PēCḥPe

P—PiC-PrPSPs P· PrP°PSPēPjPē PīPsPiPμCḥPμPrPSCḥPs P·P°PīP»P°PSPsPIP°PSPsPiPs
PsP±Pḥ™C"PrPSP°PSPsPiPs P°PSP°P»C-P·Cr 13 PīP»P°CḥPμP±Ps-
PePsPSC,CḥPsP»CḥPsPIP°PSPēC... PrPsCḥP»C-PrPḥPμPSCḥ, P»C-PeCrPIP°PSPSCḥ
PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj Cr PrPsP·C- 10 PjPi P·CrPjPsPIPēP»Ps P·PjC-PSCḥ
CḥPēCḥC,PsP»C-CḥPSPsPiPs P°CḥC,PμCḥC-P°P»CḥPSPsPiPs B C,PēCḥPeCr PIC-Pr
PIPēC...C-PrPSPsPiPs CḥC-PIPSCḥ Pḥ"3,7 PjPj CḥC,, CḥC,, C,P° PrC-P°CḥC,PsP»C-CḥPSPsPiPs
P°CḥC,PμCḥC-P°P»CḥPSPsPiPs C,PēCḥPeCr Pḥ"1,8 PjPj CḥC,, CḥC,, PīPsCḥC-PIPSCḥPSPs P·
Pḥ"0,5 PjPj CḥC,, CḥC,, PrP»Cḥ CḥPēCḥC,PsP»C-CḥPSPsPiPs C,P° Pḥ"0,5 PjPj CḥC,, CḥC,, PrP»Cḥ
PrC-P°CḥC,PsP»C-CḥPSPsPiPs P°CḥC,PμCḥC-P°P»CḥPSPsPiPs C,PēCḥPeCr Cr PiCḥCrPīC-
PīP»P°CḥPμP±Ps Cr C,PēPḥPrPμPSCḥ 24. PμPsPrC-P±PSPμ P·PSPēPḥPμPSPSCḥ
CḥPiPsCḥC,PμCḥC-PiP°P»PsCḥCḥ PiCḥPsC,CḥPiPsPj CrCḥCḥPsPiPs PīPμCḥC-PsPrCr
C,CḥPēPIP°P»C-CḥC,Ḥ PrPs 104 C,PēPḥPSC-PI.

PḥPsPjP±C-PSPsPIP°PSP° C,PμCḥP°PīC-Cḥ PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj 10 PjPi C,P°
PμPeCḥPμPSP°C,PēPrPsPj PiCḥPsP»PsPSPiPsPIP°PSPsPiPs PIPēPIC-P»CḥPSPμPSPSCḥ
PiCḥPēP·PIPμP»P° PrPs CḥCrC,C,C"PIPsPiPsB P·PSPēPḥPμPSPSCḥ CḥPēCḥC,PsP»C-CḥPSPsPiPs
C,PēCḥPeCr PSP° B 28 C,PēPḥPSC- (Pḥ"4,3 PjPj CḥC,, CḥC,,) Cr PīPsCḥC-PIPSCḥPSPSC- C-P·
P·P°CḥC,PsCḥCrPIP°PSPSCḥPj PrP°PīP°PiP»C-C,,P»PsP·PēPSCḥ PsPeCḥPμPjPs (Pḥ"1,8 PjPj CḥC,,
CḥC,, Cḥ < 0,05) C,P° P·P°CḥC,PsCḥCrPIP°PSPSCḥPj PμPeCḥPμPSP°C,PēPrCr
PiCḥPsP»PsPSPiPsPIP°PSPsPiPs PIPēPIC-P»CḥPSPμPSPSCḥ PsPeCḥPμPjPs (Pḥ"1,2 PjPj CḥC,,
CḥC,, Cḥ < 0,01).

PJ PrPIPsC... 12-C, PëP¶PSPµPIPëC... PïP»P°C†PµP±Ps-PePsPSC, C¶PsP»CHßPsPIP°PSPëC...
 PrPsC¶P»C-PrP¶PµPSPSC¶C... CrC¶CHßPsPiPs 1062 PïP°C†C-C''PSC, Pë P·
 PSPµPrPsC¶C, P°C, PSCßPs PePsPSC, C¶PsP»CHßPsPIP°PSPëPj C†CrPeC¶PsPIPëPj
 PrC-P°P±PµC, PsPj 2 C, PëPïC¶ C, P° P°C¶C, PµC¶C-P°P»CHßPSPsC¶ PiC-PiPµC¶C, PµPSP·C-C''C¶
 (PSPµP·PIP°P¶P°C¶C±Pë PSP° PïPsC¶C, C-PNßPSPµ P»C-PeC¶PIP°PSPSC¶
 C-PSPiC-P±C-C, PsC¶PsPj P°PSPiC-PsC, PµPSP·PëPSPiPµC¶PµC, PIPsC¶C¶C±PsPiPs
 C,, PµC¶PjPµPSC, Cr (C-PßPµPα) C±Pë P±P»PsPeP°C, PsC¶PsPj C¶PµC†PµPiC, PsC¶C-PI
 P°PSPiC-PsC, PµPSP·PëPSC¶ P†P† PïPµC¶C¶PsPiPs C, PëPïC¶ (P'P Pß) PI PsPrPSPsPjC¶
 PrPsC¶P»C-PrP¶PµPSPSC- C, P° C-PßPµPα C±Pë P'P Pß P· PrPsPrP°PIP°PSPSC¶Pj PsPrPSPsPiPs
 P°PSC, PëPiC-PiPµC¶C, PµPSP·PëPIPSPsPiPs P»C-PeP°C¶C¶CHßPePsPiPs P·P°C¶PsP±C¶ PI
 C-PSC¶PsPjC¶ PrPsC¶P»C-PrP¶PµPSPSC-) PsC, C¶PëPjC¶PIP°P»Pë P»C-PeC¶PIP°PSPSC¶
 PrP°PïP°PiP»C-C,, P»PsP·PëPSPsPj Cr PrPsP·C- 10 PjPi P°P±Ps PïP»P°C†PµP±Ps. P''Ps C, PëP¶PSC¶
 12 Cr PsP±PsC... PrPsC¶P»C-PrP¶PµPSPSC¶C... PrP°PïP°PiP»C-C,, P»PsP·PëPS Cr PrPsP·C- 10
 PjPi Cr PePsPjP±C-PSP°C†C-C— P·C- P·PIPëC±P°PNßPSPëPj P°PSC, PëPrC-P°P±PµC, PëC±PSPëPj
 P»C-PeC¶PIP°PSPSC¶Pj P·P°P±PµP·PiPµC±PëPI PïPsPeC¶P°C%PµPSPSC¶ C¶C-PIPSC¶ HbA1c
 C, P° P·PSPëP¶PµPSPSC¶ (P· PïPsPiC¶P°PIPePsC¶ PSP° PïP»P°C†PµP±Ps)
 C¶PëC¶C, PsP»C-C±PSPsPiPs P°C¶C, PµC¶C-P°P»CHßPSPsPiPs C, PëC¶PeC¶ PI
 C¶PµC¶PµPrPSCßPsPjC¶ PSP° 3,1 C, P° 4,3 PjPj C¶C,, C¶C,, PIC-PrPiPsPIC-PrPSPs.

PJ C¶PiPµC†C-P°P»CHßPSPsPjC¶ PrPsC¶P»C-PrP¶PµPSPSC- Cr PïP°C†C-C''PSC, C-PI,
 C...PIPSC¶PëC... PSP° PrC-P°P±PµC,, P· C¶PëPßPα PIC-Pr ≥45 PrPs <60 PjP»/C...PI/1,73 Pj²
 P»C-PeC¶PIP°PSPSC¶ PrP°PïP°PiP»C-C,, P»PsP·PëPSPsPj PiC¶PsPrPµPjPsPSC¶C, C¶C¶PIP°P»Ps
 P·PSPëP¶PµPSPSC¶ C¶PëC¶C, PsP»C-C±PSPsPiPs P°C¶C, PµC¶C-P°P»CHßPSPsPiPs C, PëC¶PeC¶
 PSP° 24 C, PëP¶PSC-: - 4,8 PjPj. C¶C,, C¶C,, Cr PïPsC¶C-PIPSC¶PSPSC- P· PïP»P°C†PµP±Ps -1,7
 PjPj. C¶C,, C¶C,, (C¶C<0,05).

P''P»C-PePµPjC-C±PSPëPNß PePsPSC, C¶PsP»CHß C¿ PïP°C†C-C''PSC, C-PI P·
PïPsC¶C¿C¶PµPSPSC¶Pj C,, C¿PSPeC†C-C— PSPëC¶PsPe C¶PµC¶PµPrPSCßPsPiPs
C¶C, C¿PiPµPSC¶ (C...C¶PsPSC-C±PSP° C...PIPSC¶PsP±P° PSPëC¶PsPe 3Pß
P¶P¶P¶)(C¶PsP·C¶P°C...PsPIP°PSP° C¶PIPëPrPeC-C¶C, CHß PeP»C¿P±PsC±PePsPIPsC—
C,, C-P»CHßC, C¶P°C†C-C— (C¶PëPßPα) PIC-Pr ≥B 45 PrPs < 60 PjP»/C...PI/1,73Pj²)

P·C,, PµPeC, PëPIPSC-C¶C, CHß PrP°PïP°PiP»C-C,, P»PsP·PëPSC¶ PsC†C-PSC¶PIP°P»Pë C, P°PePsP¶
 PsPeC¶PµPjPs Cr C...PsPrC- C¶PiPµC†C-P°P»CHßPSPsPiPs PrPsC¶P»C-PrP¶PµPSPSC¶ P·P°
 CrC±P°C¶C, C¶ PïP°C†C-C''PSC, C-PI C-P· C†CrPeC¶PsPIPëPj PrC-P°P±PµC, PsPj P· C¶PëPßPα ≥
 45 PjP»/C...PI/1,73Pj² B PrPs < 60 PjP»/C...PI/1,73 Pj², C¶PeC- PjP°P»Pë PSPµPrPsC¶C, P°C, PSC-PNß
 PiP»C-PePµPjC-C±PSPëPNß PePsPSC, C¶PsP»CHß PiC¶Pë P·PIPëC±P°PNßPSPsPjC¶
 P»C-PeC¶PIP°PSPSC-. P»C-PeC¶PIP°PSPSC¶ PrP°PïP°PiP»C-C,, P»PsP·PëPSPsPj PiC¶PëP·PiPµP»Ps
 PrPs P·PSPëP¶PµPSPSC¶ HbA1c C- PjP°C¶Pë C, C-P»P° PïPsC¶C-PIPSC¶PSPs P· PïP»P°C†PµP±Ps
 (C, P°P±P»PëC†C¶C 4).

PjP°P±P»PëC†C¶C 4. P PµP·C¿P»CHßC, P°C, Pë PïP»P°C†PµP±Ps-
PePsPSC, C¶PsP»CHßPsPIP°PSPsPiPs PrPsC¶P»C-PrP¶PµPSPSC¶ PrP°PïP°PiP»C-C,, P»PsP·PëPSC¿
C¿ PïP°C†C-C''PSC, C-PI P· C†C¿PeC¶PsPIPëPj PrC-P°P±PµC, PsPj P· C¶PëPßPα PIC-Pr ≥45 PrPs
<60 PjP»/C...PI/1,73Pj² PSP° 24 C, PëP¶PSC-

	P''P°PīP°PiP»C-C,,P»PsP·PēPS^{P°} 10 PjPi	PμP»P°C†PμP±Ps^{P°}
N^{P±}	159	161
HbA1c (%) P'PēC...C-PrPSPēPNē CḡC-PIPμPSCḡ (CġPμCḡPμPrPSC-PNē) P—PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĲ ^{P±} P C-P·PSPēC†CĲ PīPsCḡC-PIPSCĲPSPs P· PīP»P°C†PμP±Ps ^{P±} (95% P''P†)	8,35 -0,37 -0,34* (-0,53; -0,15)	8,03 -0,03
РЊР°СЃР° С,С-Р»Р° (РєРї) P'PēC...C-PrPSPēPNē CḡC-PIPμPSCḡ (CġPμCḡPμPrPSC-PNē) P'C-PrCġPsC,PePsPIP° P·PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĲ ^{P1} P C-P·PSPēC†CĲ Cġ PIC-PrCġPsC,PeP°C... PīPsCḡC-PIPSCĲPSPs P· PīP»P°C†PμP±Ps ^{P1} (95% P''P†)	92,51 -3,42 -1,43* (-2,15; -0,69)	88,30 -2,02

^{P°} РЊРμC,С,,PsCḡPjC-PS P°P±Ps PjPμC,С,,PsCḡPjC-PSCġ PiC-PrCḡPsC...P»PsCḡPēPr P±CġP»Pē C†P°C†C,PePSPsCḡ P·PIPēC†P°PNēPSPsPiPs P»C-PeCġPIP°PSPSCĲ Cġ 69,4% C- 64,0% PīP°C†C-C''PSC,C-PI PrP»CĲ PiCḡCġPīPē PrP°PīP°PiP»C-C,,P»PsP·PēPSCġ C,P° PīP»P°C†PμP±Ps, PIC-PrPīPsPIC-PrPSPs.

^{P±} PŸPμCḡPμPrPSC'' P·PSP°C†PμPSPSCĲ P·P° PjPμC,PsPrPsPj PSP°PNēPjPμPSCēPēC... PePIP°PrCḡP°C,C-PI, CġPePsCḡPēPiPsPIP°PSPμ PSP° PīPsC†P°C,PePsPIPμ P·PSP°C†PμPSPSCĲ.

^{P1} PμPsC...C-PrPSC- PIC-Pr CġPμCḡPμPrPSCḡPsPiPs P·PSP°C†PμPSPSCĲ P·P° PjPμC,PsPrPsPj PSP°PNēPjPμPSCēPēC... PePIP°PrCḡP°C,C-PI, CġPePsCḡPēPiPsPIP°PSC- PSP° PīPsC†P°C,PePsPIPμ P·PSP°C†PμPSPSCĲ.

* Cḡ<0,001

PμP°C†C-C''PSC,Pē P· PIPēC...C-PrPSPēPj CḡC-PIPSPμPj HbA1Cġ ≥ 9 %

Pj C...PsPrC- PīPsPīPμCḡPμPrPSCḡPs P·P°PīP»P°PSPsPIP°PSPsPiPs P°PSP°P»C-P·Cġ Cġ PīP°C†C-C''PSC,C-PI P· PIPēC...C-PrPSPēPj CḡC-PIPSPμPj HbA1Cġ ≥ 9,0 % PjPsPSPsC,PμCḡP°PiC-CĲ B PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj Cġ PrPsP·C- 10 PjPi (PIC-PrPePsCḡPēPiPsPIP°PSP° CġPμCḡPμPrPSCĲ P·PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĲ: бḡ"2,04 % C,P° 0,19 % PiCḡPē P·P°CġC,PsCġCġPIP°PSPSC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCġ Cġ PrPsP·C- 10 PjPi C- PīP»P°C†PμP±Ps PIC-PrPīPsPIC-PrPSPs) C,P° P·P°CġC,PsCġCġPIP°PSPSCĲ PrP°PīP°PiP»C-C,,P»PsP·PēPSCġ PrPsPrP°C,PePsPiPs PrPs P»C-PeCġPIP°PSPSCĲ PjPμC,С,,PsCḡPjC-PSPsPj (PIC-PrPePsCḡPēPiPsPIP°PSP°

СГРµСГРµРµРµСРСЦ П·РјС-РSP° РІС-Рr РІРёС...С-РrРSPsРiРs СГС-РІРСЦ: вГ “1,32 % С,Р°
вГ “0,53 % РiСГРё Р·Р°СГС,РsСГСРРiР°РSPSC- РrР°РiР°РiР»С-С,,Р»РsР·РёРSCр С-
РiР»Р°СГРµР±Рs РІС-РrРiРsРІС-РrРSPs) РiСГРёР·РiРsРrРёР»Рs РrРs СГС,Р°С,РёСГС,РёСГРSPs
Р·РSP°СГСР%РsРiРs Р·РSPёРµРµРµРSPSCЦ СГС-РІРС-РІ HbA1СГ РSP° С,РёРµРµРSC- 24.

РŸРµСГСГРµРiРs-СГСРrРrРёРSPSC- С,Р° РSPёСГРёРёРsРІС- СГРµР·СР»СГС,Р°С,Рё

Р'РiР»РёРi РrР°РiР°РiР»С-С,,Р»РsР·РёРSCр РSP° СГРµСГРµРµРiРs-СГСРrРrРёРSPSC- РiРsРrС-С—
(DECLARE) вГ “ СГРµ РјС-РµРSP°СГРsРrРSPµ, Р±Р°РiР°С,РsСГРµРSC,СГРsРiРµ,
СГР°РSPRРsРјС-Р·РsРiР°РSPµ, РiРsРrРІС-РNёРSPµ СГР»С-РiРµ, РiР»Р°СГРµР±Рs-
РёРsРSC,СГРsР»СГРsРiР°РSPµ РёР»С-РSC-СГРSPµ РrРsСГР»С-РrРµРµРµРSPSCЦ, С%Рs
РiСГРsРiРµРrРµРSPµ РrР»СЦ РiРёР·РSP°СГРµРSPSCЦ РiРiР»РёРiСр
РrР°РiР°РiР»С-С,,Р»РsР·РёРSCр Ср РiРsСГС-РІРСЦРSPSC- Р· РiР»Р°СГРµР±Рs РSP°
СГРµСГРµРiРs-СГСРrРrРёРSPSC- СГРµР·СР»СГС,Р°С,Рё, РiСГРё РrРsРrР°РiР°РSPSC- РrРs
РiРs,РsСГРSPs— Р±Р°Р·РsРiРs— С,РµСГР°РiС-С—. РјСГС- РiР°СГС-Р”РSC,Рё РјР°Р»Рё
СГСРёСГРsРiРёРNё РrС-Р°Р±Рµ, 2 С,РёРiСр С,Р° С-РSCёС- С%РsРSP°РNёРјРSCёРµ РrРiР°
РrРsРrР°С,РёРsРІС- С,,Р°РёС,РsСГРё СГРёР·РiРsСГРµРiРs-СГСРrРrРёРSPSPёС...
Р·Р°С...РiРsСГСГРiР°РSPСГ (РІС-Рё ≥ 55 СГРsРёС-РІ РrР»СЦ СГРsР»РsРІС-РёС-РІ Р°Р±Рs
≥ 60 СГРsРёС-РІ РrР»СЦ РiС-РSPsРё С- РsРrРSPµ Р°Р±Рs РёС-Р»СГРёР° Р· С,Р°РёРёС...
СГС,Р°РSC-РІ, СЦР РrРёСГР»С-РiС-РrРµРјС-СЦ, Р°СГС,РµСГС-Р°Р»СГРSP°
РiС-РiРµСГС,РµРSP·С-СЦ Р°Р±Рs РSP°СЦРiРSPµ С,СГС,СГРSPsРiР°Р»С-РSPSCЦ) Р°Р±Рs
РiСГС,Р°РSPsРiР»РµРSC- СГРµСГРµРiРs-СГСРrРrРёРSPSC- Р·Р°С...РiРsСГСГРiР°РSPSCЦ.

РŸРµСГРµРµР 17160 СГР°РSPRРsРјС-Р·РsРiР°РSPёС... РiР°СГС-С”РSC,С-РІ, 6974 (40,6 %)
РјР°Р»Рё РiРёСЦРiР»РµРSC- СГРµСГРµРiРs-СГСРrРrРёРSPSC- Р·Р°С...РiРsСГСГРiР°РSPSCЦ
С- 10186 (59,4 %) РSPµ РјР°Р»Рё РiСГС,Р°РSPsРiР»РµРSPsРiРs СГРµСГРµРiРs-
СГСРrРrРёРSPSPsРiРs Р·Р°С...РiРsСГСГРiР°РSPSCЦ. 8582 РiР°СГС-С”РSC,Рё Р±СР»РёРё
СГР°РSPRРsРјС-Р·РsРiР°РSC- РrРs РrР°РiР°РiР»С-С,,Р»РsР·РёРSCр РІ РrРsР·СРiР°РSPSC-
10 РјРi С- 8578 РrРs РiР»Р°СГРµР±Рs, С- Р·Р° РSPёРјРё СГРiРsСГС,РµСГС-РiР°Р»Рё
РiСГРs,СЦРiРsРј РјРµРrС-Р°РSPё РІ 4,2 СГРsРёРё.

РŸРµСГРµРµРSC-РNё РІС-Рё РrРsСГР»С-РrРµРiРiР°РSPs— РiРsРiСр»СЦСГС-С—
СГС,Р°РSPsРiРёРІ 63,9 СГРsРёРё, 37,4 % Р±СР»РёРё РiС-РSPёРјРё. Р—Р°РiР°Р»РsРј 22,4 %
РјР°Р»Рё РrС-Р°Р±Рµ, РiСГРs,СЦРiРsРј ≤ 5 СГРsРёС-РІ, СГРµСГРµРµРSCЦ
С,СГРёРiР»Р»С-СГС,СГ РrС-Р°Р±Рµ,Ср Р±СР»РёР° 11,9 СГРsРёС-РІ. РŸРµСГРµРµРSC”
Р·РSP°СГРµРSPSCЦ HbA1c Р±СР»Ры 8,3 % С- СГРµСГРµРµРSC” Р·РSP°СГРµРSPSCЦ
С-РSPRРiСГС РјР°СГРё С,С-Р»Р° 32,1 РёРi/Рј².

РќР° РiРsСГР°С,РёСр РrРsСГР»С-РrРµРµРSPSCЦ 10,0 % РiР°СГС-С”РSC,С-РІ РјР°Р»Рё РІ
Р°РSP°РјРSPµР·С- СГРµСГРµРiРs РSPµРrРsСГС,Р°С,РSC-СГС,СГ. РŸРµСГРµРµРSC”
Р·РSP°СГРµРSPSCЦ СГРёРµРµРµ Р±СР»Ры 85,2 РјР»/С...РІ/1,73 Рј², 7,4 % РiР°СГС-С”РSC,С-РІ
РјР°Р»Рё СГРёРёРµРµ < 60 РјР»/С...РІ/1,73 Рј², С- 30,3 % РiР°СГС-С”РSC,С-РІ РјР°Р»Рё
РјС-РёСГРs- Р°Р±Рs РјР°РёСГРsР»СГГР±СРјС-РSCрСГС-СГ
(СГРiС-РiРiС-РrРSPsСёРµРSPSCЦ Р°Р»СГР±СРјС-РS/РёСГРµР°С,РёРSC-РS РІ СГРµСГС-

[UACR] ≥ 30 PrPs ≤ 300 PjPi/Pi P°P±Ps > 300 PjPi/Pi PIC-PrP̄iPsPIC-PrPSPs).

P'C-P»CHC€C-CÍ'C,CH P̄iP°C†C-C''PSC,C-PI (98 %) PIP̄ePePsC̄P̄eCÍ'C,PSPICrPIP°P»P̄e PsPrP̄ePS P°P±Ps P±C-P»CHC€P̄μ PrC-P°P±P̄μC,P̄eC†PSP̄eC... P»C-PeP°C̄P̄CÍ'CHPeP̄eC... P·P°CÍ'PsP±C-PI PSP° P̄iPsC†P°C,P̄eC† PrPsCÍ'P»C-PrP¶P̄μPSPSC¶, P·PsPeC̄P̄μPjP° PjP̄μC,C,,PsC̄PjC-PS (82 %), C-PSCÍ'CrP»C-PS (41 %) C- CÍ'CrP»CHC,,PsPSC-P»CÍ'P̄μC†PsPIP̄ePSC† (43 %).

P̄μP̄μC̄P̄iP̄ePSPSP̄ePjP̄e PePsPjP±C-PSPsPIP°PSP̄ePjP̄e PeC-PSC†P̄μPIP̄ePjP̄e C,PSC†PeP°PjP̄e P±C†PI C†P°CÍ' PrPs P̄iP̄μC̄P̄ePsPiPs PIP̄ePSP̄ePePSP̄μPSPSC¶ PsPrPSC-C''C— P·C,P°PeP̄eC... P̄iPsPrC-PN̄e, C¶Pe CÍ'PjP̄μC̄P̄eC,CH C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSC- P·P°C...PIP̄sC̄P̄eP̄iP°PSPSC¶, C-PSC,,P°C̄P̄eC, PjC-PsPeP°C̄P̄PrP° P°P±Ps C-C€P̄μPjC-C†PSP̄ePN̄e C-PSCÍ'CrP»CHC, (PIP̄μP»P̄ePeC- PSP̄μCÍ'P̄iC̄P̄eC¶C,P»P̄ePIC- CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSC- P̄iPsPrC-C— [MACE]), C- C†P°CÍ' PrPs P̄iP̄μC̄P̄ePsC— P̄iPsPrC-C—, C%Ps PIP̄eP»CHC†P°C'' PI CÍ'P̄μP±P̄μ P̄iPsCÍ'P̄iC-C,P°P»C-P·P°C†C-C̄ C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPICr PSP̄μPrPsCÍ'C,P°C,PSC-CÍ'C,CH P°P±Ps CÍ'PjP̄μC̄P̄eC,CH C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSC- P·P°C...PIP̄sC̄P̄eP̄iP°PSPSC¶. P'C,PSC̄P̄ePSPSP̄ePjP̄e PeC-PSC†P̄μPIP̄ePjP̄e C,PSC†PeP°PjP̄e P±C†P»P° PSP̄eC̄P̄ePsPIP° PePsPjP±C-PSPsPIP°PSP° PeC-PSC†P̄μPIP° C,PSC†PeP° C,P° CÍ'PjP̄μC̄P̄eC,CH C†P̄μC̄P̄μP· P±C†PrCH-C¶PeC† P̄iC̄P̄eC†P̄ePSC†.

P'P̄μP»P̄ePeC- PSP̄μCÍ'P̄iC̄P̄eC¶C,P»P̄ePIC- CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSC- P̄iPsPrC-C—

P''P°P̄iP°PiP»C-C,,P»PsP·P̄ePS Cr PrPsP·C†PIP°PSPSC- 10 PjPi P̄iC̄P̄ePsPrP̄μPjPsPSCÍ'C,C̄P̄C†PIP°PI C̄P̄P̄μP·C†P»CHC,P°C,, PSP̄μ P̄iC-C̄P̄eC̄P̄ePN̄e PIC-Pr P̄iP»P°C†P̄μP±Ps (non-inferiority versus placebo), PrP»C¶ C,P°PeP̄eC... PSP°CÍ'P»C-PrPeC-PI C¶Pe CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSP° CÍ'PjP̄μC̄P̄eC,CH, C-PSC,,P°C̄P̄eC,C† PjC-PsPeP°C̄P̄PrP° P°P±Ps C-C€P̄μPjC-C†PSPsPiPs C-PSCÍ'CrP»CHC,C† (PsPrPSPsCÍ'C,PSC̄P̄ePsPSPSC-PN̄e C̄P̄ < 0,001).

P̄P̄μC̄P̄C†P̄μPIP° PSP̄μPrPsCÍ'C,P°C,PSC-CÍ'C,CH P°P±Ps CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSP° CÍ'PjP̄μC̄P̄eC,CH

P''P°P̄iP°PiP»C-C,,P»PsP·P̄ePS Cr PrPsP·C†PIP°PSPSC- 10 PjPi P̄iC̄P̄ePsPrP̄μPjPsPSCÍ'C,C̄P̄C†PIP°PI P̄iP̄μC̄P̄P̄μPIP°PiC† PI P̄iPsC̄P̄eC-PIPSC¶PSPSC- P· P̄iP»P°C†P̄μP±Ps (superiority versus placebo) Cr P·P°P̄iPsP±C-PiP°PSPSC- P̄iPsCÍ'P̄iC-C,P°P»C-P·P°C†C-C— C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPICr PSP̄μPrPsCÍ'C,P°C,PSC-CÍ'C,CH P°P±Ps CÍ'P̄μC̄P̄C†P̄μPIPs-CÍ'CrPrP̄ePSPSPsC— CÍ'PjP̄μC̄P̄eC,C-. P C-P·PSP̄eC†C¶ PI P̄μC,,P̄μPeC,C- P»C-PeC†PIP°PSPSC¶ P±C†P»P° PsP±C†PjPsPIP»P̄μPSP° P̄iPsCÍ'P̄iC-C,P°P»C-P·P°C†C-C''C̄ C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPICr PSP̄μPrPsCÍ'C,P°C,PSC-CÍ'C,CH P±P̄μP· C̄P̄C-P·PSP̄eC†C- Cr CÍ'P̄μC̄P̄C†P̄μPIPs- CÍ'CrPrP̄ePSPSC-PN̄e CÍ'PjP̄μC̄P̄eC,C-.

P̄PsC̄P̄eCÍ'C,CH PIC-Pr P»C-PeC†PIP°PSPSC¶ PrP°P̄iP°PiP»C-C,,P»PsP·P̄ePSPsPj Cr P̄iPsC̄P̄eC-PIPSC¶PSPSC- P· P̄iP»P°C†P̄μP±Ps CÍ'P̄iPsCÍ'C,P̄μC̄P̄eC-PiP°P»P°CÍ'C¶ C¶Pe Cr P̄iP°C†C-C''PSC,C-PI P·, C,P°Pe C- P±P̄μP· PICÍ'C,P°PSPsPIP»P̄μPSPsPiPs CÍ'P̄μC̄P̄C†P̄μPIPs-

$C\acute{I}C\acute{r}P\acute{r}P\acute{e}PSPSPsPiPs$ $P\cdot P^{\circ}C...PIP_sC\check{H}C\check{H}PIP^{\circ}PSPSC\check{I}$, $C\check{I}Pe$ $P\cdot$ $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP_sC\check{H}$
 $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\check{H}$ $C,P^{\circ}Pe$ $C- P\pm P_{\mu}P\cdot$ $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP_sC-$
 $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSP_sC\acute{I}C,C- PSP^{\circ}$ $P\check{i}PsC\check{I}P^{\circ}C,PePsPIP_sPjC\acute{r}$ $P_{\mu}C,P^{\circ}P\check{i}C-, C- P\pm C\acute{r}P\gg P^{\circ}$
 $P\check{i}PsC\acute{I}P\gg C-PrPsPIPSP_sC\check{H}$ PI $C\check{H}C-P\cdot PSP\acute{e}C... P\check{i}C-PrPiC\check{H}C\acute{r}P\check{i}P^{\circ}C..., P\cdot PsPeC\check{H}P_{\mu}PjP^{\circ}$ $P\cdot P^{\circ}$
 $PIC-PePsPj$, $C\acute{I}C,P^{\circ}C,C,C\check{H}$, $C,,C\acute{r}PSPeC\check{I}C-C''C\check{H}$ $PSP\acute{e}C\check{H}PsPe$ ($C\check{H}P\acute{E}P_{\mu}P\alpha$) $C- C\check{H}P_{\mu}PiC-PsPSP_sPj$.

$P_{\mu}P_{\mu}C\check{H}P_{\mu}PIP^{\circ}PiP^{\circ}$ $PrP^{\circ}P\check{i}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\acute{e}PSC\acute{r}$ $PSP^{\circ}Pr$ $P\check{i}P\gg P^{\circ}C\check{I}P_{\mu}P\pm Ps$ PSP_{μ} $P\pm C\acute{r}P\gg P^{\circ}$
 $P\check{i}C\check{H}PsPrP_{\mu}PjPsPSC\acute{I}C,C\check{H}PsPIP^{\circ}PSP^{\circ}$ $PrP\gg C\check{I}$ $MACE$ ($p = 0,172$). $P\acute{k}P\acute{e}C\check{H}PePsPIC\acute{r}$
 $PePsPjP\pm C-PSP_sPIP^{\circ}PSC\acute{r}$ $PeC-PSC\check{I}P_{\mu}PIC\acute{r}$ $C,PsC\check{I}PeC\acute{r}$ C,P° $C\acute{I}PjP_{\mu}C\check{H}C,C\check{H}$ $C\check{I}P_{\mu}C\check{H}P_{\mu}P\cdot$
 $P\pm C\acute{r}PrC\check{H}-C\check{I}PeC\acute{r}$ $P\check{i}C\check{H}P\acute{e}C\check{I}P\acute{e}PSC\acute{r}$ PSP_{μ} $P\check{i}P_{\mu}C\check{H}P_{\mu}PIC-C\check{H}C\check{I}P\gg P\acute{e}$ $C\check{I}Pe$ $C\check{I}P^{\circ}C\acute{I}C,P\acute{e}PSC\acute{r}$
 $P\check{i}C\check{H}PsC\check{I}P_{\mu}PrC\check{r}C\check{H}P\acute{e}$ $P\check{i}C-PrC,PIP_{\mu}C\check{H}PrP\check{I}C\acute{r}PIP^{\circ}P\gg C\check{H}PSP_sPiPs$ $C,P_{\mu}C\acute{I}C,C\acute{r}PIP^{\circ}PSPSC\check{I}$.

$P\acute{k}P_{\mu}C,,C\check{H}PsPiP^{\circ}C,C-C\check{I}$

$P''P^{\circ}P\check{i}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\acute{e}PS$ $P\cdot PSP\acute{e}P\check{I}C\acute{r}PIP^{\circ}PI$ $C\check{I}P^{\circ}C\acute{I}C,PsC,C\acute{r}$ $P\check{i}PsPrC-PN_0$
 $PePsPjP\pm C-PSP_sPIP^{\circ}PSP_sC-$ $C,PsC\check{I}PeP\acute{e}$: $P\check{i}C-PrC,PIP_{\mu}C\check{H}PrP\check{I}P_{\mu}PSP_sPiPs$ $C\acute{I}C,C-PN_0PePsPiPs$
 $P\cdot PSP\acute{e}P\check{I}P_{\mu}PSPSC\check{I}$ $C\check{H}P\acute{E}P_{\mu}P\alpha$, $C,P_{\mu}C\check{H}PjC-PSP^{\circ}P\gg C\check{H}PSP_sC-$ $C\acute{I}C,P^{\circ}PrC-C-$
 $PSP\acute{e}C\check{H}PePsPiPs-$ $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSP_sC\acute{I}C,C-$ ($P\check{y}P\check{y}P\acute{k}P\acute{k}$), $C\acute{I}PjP_{\mu}C\check{H}C,C-$ $C\check{I}P_{\mu}C\check{H}P_{\mu}P\cdot$
 $PSP\acute{e}C\check{H}PePsPIC-$ $P^{\circ}P\pm Ps$ $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP_s-C\acute{I}C\acute{r}PrP\acute{e}PSPSC-$ $P\cdot P^{\circ}C...PIP_sC\check{H}C\check{H}PIP^{\circ}PSPSC\check{I}$.
 P $C-P\cdot PSP\acute{e}C\check{I}C\check{I}$ $PjC-P\check{I}$ $P\check{i}C\check{H}C\acute{r}P\check{i}P^{\circ}PjP\acute{e}$ $P\pm C\acute{r}P\gg P^{\circ}$ $PsP\pm C\acute{r}PjPsPIP\gg P_{\mu}PSP^{\circ}$ $P\cdot PSP\acute{e}P\check{I}P_{\mu}PSPSC\check{I}Pj$
 $P\check{i}PsPrC-PN_0$ $PSP\acute{e}C\check{H}PePsPiPsC... PePsPjP\check{i}PsPSP_{\mu}PSC,C-PI$: $C\acute{I}C,C-PN_0PePsPiPs$
 $P\cdot PSP\acute{e}P\check{I}P_{\mu}PSPSC\check{I}$ $C\check{H}P\acute{E}P_{\mu}P\alpha$, $C,P_{\mu}C\check{H}PjC-PSP^{\circ}P\gg C\check{H}PSP_sC-$ $C\acute{I}C,P^{\circ}PrC-C-$
 $PSP\acute{e}C\check{H}PePsPiPs-$ $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSP_sC\acute{I}C,C-$ $C-$ $C\acute{I}PjP_{\mu}C\check{H}C,C-$ $C\check{I}P_{\mu}C\check{H}P_{\mu}P\cdot$
 $PSP\acute{e}C\check{H}PePsPIC-$ $P\cdot P^{\circ}C...PIP_sC\check{H}C\check{H}PIP^{\circ}PSPSC\check{I}$.

$P' C-PrPSP_sC\epsilon P_{\mu}PSPSC\check{I}$ $C\check{H}P\acute{e}P\cdot P\acute{e}PeC\acute{r}$ $PrPs$ $C\check{I}P^{\circ}C\acute{I}C\acute{r}$ $PIP\acute{e}PSP\acute{e}PePSP_{\mu}PSPSC\check{I}$
 $PSP_{\mu}C,,C\check{H}PsPiP^{\circ}C,C-C-$ ($C\acute{I}C,C-PN_0PeP_{\mu}$ $P\cdot PSP\acute{e}P\check{I}P_{\mu}PSPSC\check{I}$ $C\check{H}P\acute{E}P_{\mu}P\alpha$, $P\check{y}P\check{y}P\acute{k}P\acute{k}$ $C-$
 $C\acute{I}PjP_{\mu}C\check{H}C,C\check{H}$ $C\check{I}P_{\mu}C\check{H}P_{\mu}P\cdot$ $PSP\acute{e}C\check{H}PePsPIC-$ $P\cdot P^{\circ}C...PIP_sC\check{H}C\check{H}PIP^{\circ}PSPSC\check{I}$) $P\pm C\acute{r}P\gg Ps$ 0,53
 (95 % $P''P\check{I}$ 0,43; 0,66) $PrP\gg C\check{I}$ $PrP^{\circ}P\check{i}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\acute{e}PSC\acute{r}$ $C\acute{r}$ $P\check{i}PsC\check{H}C-PIPSC\check{I}PSPSC-$ $P\cdot$
 $P\check{i}P\gg P^{\circ}C\check{I}P_{\mu}P\pm Ps$.

$P_{\mu}C\check{H}C-Pj$ $C,PsPiPs$, $PrP^{\circ}P\check{i}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\acute{e}PS$ $P\cdot PjP_{\mu}PSC\epsilon P\acute{e}PI$ PSP_sPIC- $P_{\mu}P\check{i}C-P\cdot PsPrP\acute{e}$
 $C\acute{I}C,C-PN_0PePsC-$ $P^{\circ}P\gg C\check{H}P\pm C\acute{r}PjC-PSC\acute{r}C\check{H}C-C-$ ($PIC-PrPSP_sC\epsilon P_{\mu}PSPSC\check{I}$ $PjP_{\mu}P\check{I}$
 $C,,C\acute{r}PSPeC\check{I}C-PN_0$ $C\check{H}P\acute{e}P\cdot P\acute{e}PeC\acute{r}$ 0,79 [95 % $P''P\check{I}$ 0,72; 0,87]) $C-$ $P\check{i}C\check{H}P\acute{e}P\cdot PIC-PI$ $PrPs$
 $P\pm C-P\gg C\check{H}C\epsilon Ps-$ $C\check{H}P_{\mu}PiC\check{H}P_{\mu}C\acute{I}C-C-$ $PjP^{\circ}PeC\check{H}PsP^{\circ}P\gg C\check{H}P\pm C\acute{r}PjC-PSC\acute{r}C\check{H}C-C-$
 ($PIC-PrPSP_sC\epsilon P_{\mu}PSPSC\check{I}$ $PjP_{\mu}P\check{I}$ $C,,C\acute{r}PSPeC\check{I}C-PN_0$ $C\check{H}P\acute{e}P\cdot P\acute{e}PeC\acute{r}$ 1,82 [95 % $P''P\check{I}$ 1,51; 2,20]) $C\acute{r}$
 $P\check{i}PsC\check{H}C-PIPSC\check{I}PSPSC-$ $P\cdot$ $P\check{i}P\gg P^{\circ}C\check{I}P_{\mu}P\pm Ps$.

$P\check{y}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP^{\circ}$ $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\check{H}$

$P''PsC\acute{I}P\gg C-PrP\check{I}P_{\mu}PSPSC\check{I}$ $DAPA-HF$: $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP^{\circ}$ $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\check{H}$ $P\cdot C-$
 $P\cdot PSP\acute{e}P\check{I}P_{\mu}PSP_sC\check{H}$ $C,,C\check{H}P^{\circ}PeC\check{I}C-C''C\check{H}$ $PIP\acute{e}PeP\acute{e}PrC\acute{e}$ ($P\alpha P'P\cdot P\acute{E} \leq 40\%$)

$P''PsC\acute{I}P\gg C-PrP\check{I}P_{\mu}PSPSC\check{I}$ $P\cdot PrP^{\circ}C,PSP_sC\acute{I}C,C-$ $PrP^{\circ}P\check{i}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\acute{e}PSC\acute{r}$
 $P\cdot P^{\circ}P\check{i}PsP\pm C-PiP^{\circ}C,P\acute{e}$ $PSP_{\mu}P\pm P^{\circ}P\check{I}P^{\circ}PSP\acute{e}Pj$ $PSP^{\circ}C\acute{I}P\gg C-PrPeP^{\circ}Pj$ $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP_sC-$
 $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSP_sC\acute{I}C,C-$ ($DAPA-HF$) $\check{H}$ $C\check{I}P_{\mu}$ $PjC-P\check{I}PSP^{\circ}C\check{H}PsPrPSP_{\mu}$,
 $P\pm P^{\circ}PiP^{\circ}C,PsC\check{I}P_{\mu}PSC,C\check{H}PsPiP_{\mu}$, $C\check{H}P^{\circ}PSP_rPsPjC-P\cdot PsPIP^{\circ}PSP_{\mu}$, $P\check{i}PsPrPIC-PN_0PSP_s$ $C\acute{I}P\gg C-PiP_{\mu}$,
 $P\check{i}P\gg P^{\circ}C\check{I}P_{\mu}P\pm Ps-PePsPSC,C\check{H}PsP\gg C\check{H}PsPIP^{\circ}PSP_{\mu}$ $PrPsC\acute{I}P\gg C-PrP\check{I}P_{\mu}PSPSC\check{I}$,
 $P\check{i}C\check{H}PsPiP_{\mu}PrP_{\mu}PSP_{\mu}$ $P\cdot P^{\circ}$ $C\acute{r}C\check{I}P^{\circ}C\acute{I}C,C\check{H}$ $P\check{i}P^{\circ}C\check{I}C-C''PSC,C-PI$ $C-P$ $C\acute{I}P_{\mu}C\check{H}C\check{I}P_{\mu}PIP_sC\check{H}$

PSP_μPrPsCfC, P° C, PSC-CfC, C_h (C_„ C₁PSPeCfC-PsPSP°P»CH_hPSP° PeP»P°CfPëC_„ C-PeP°CfC-C_h P_hCH_hC_h-PTM PsC_hPeCfC_hPePsC-B PeP°C_hPrC-PsP»PsPiC-C_hPSPsC- P°CfPsCfC-P°CfC-C- [NYHA], C_„ C₁PSPeCfC-PsPSP°P»CH_hPSPëP_N PeP»P°Cf II_h“IV) P·C- P·PSPëP_hμPSPsC_h C_„ C_hP°PeCfC-C_„ C_h PIPëPePëPrC₁ (C_„ C_hP°PeCfC-C_h PIPëPePëPrC₁ P»C-PIPsPiPs CëP»C₁PSPsC_hPeP° [P_hP'P>Pë] ≤ 40 %). P_hμC, PsC_h C_hCH_hPsPiPs PrPsCfP»C-PrP_hμPSPSC_h P±CfP»Ps PIPëP·PSP°C_hμPSPSC_h PIP_hP»PëPIC₁ PrP°PiP°PiP»C-C_„ P»PsP·PëPSC₁ PI P_hPsC_hC-PIPSC_hμPSPSC- P· PiP»P°CfPμP±Ps P_hC_hPë PrPsPrP°PIP°PSPSC- PrPs C₁C, P°PSPPrP°C_hC, PSPsPiPs P»C-PeCfPIP°PSPSC_h PSP° C_hP°CfC, PsC, C₁ C₁PμC_hC_hPμPIPs- C₁C₁PrPëPSPSPsC- C₁PjPμC_hC, C- C, P° P_hPsPiC-C_hCëPμPSPSC_h C₁PμC_hC_hPμPIPsC- PSPμPrPsCfC, P° C, PSPsCfC, C-.

PfP· 4744 P_hP°CfC-C_„ PSC, C-PI 2373 PsCfPsP±Pë P±CfP»Pë C_hP°PSPPrPsPjC-P·PsPIP°PSC- PrPs PiC_hC₁PiPë PrP°PiP°PiP»C-C_„ P»PsP·PëPSC₁ PI PrPsP·C₁PIP°PSPSC- 10 PjPi C- 2371 B_h” PrPs PiC_hC₁PiPë PiP»P°CfPμP±Ps, PjPμPrC-P°PSP° C₁PiPsCfC, PμC_hPμP_hμPSPSC_h B_h” 18 PjC-C₁C_hC_hC-PI. P_hμC_hPμPrPSC-P_N PIC-Pe PrPsCfP»C-PrP_hμC₁PIP°PSPsC- P_hPsPiC₁P»C_hC_hC- C₁C, P°PSPsPIPëPI 66 C_hPsPeC-PI, 77 % P±CfP»Pë C_hPsP»PsPIC-PeP°PjPë.

P_hP° P_hPsC_hP° C, PeC₁ PrPsCfP»C-PrP_hμPSPSC_h B 67,5 % P_hP°CfC-C_„ PSC, C-PI P±CfP»Pë PIC-PrPSPμC₁PμPSC- P·P° CëPeP°P»PsC_h NYHA PrPs PeP»P°CfC₁ II, 31,6 % B_h” PrPs PeP»P°CfC₁ III C, P° 0,9 % B_h” PrPs PeP»P°CfC₁ IV, B C₁PμC_hPμPrPSC_h P_hP'P>Pë B C₁C, P°PSPsPIPëP»P° 32 %, 56 % PIPëPiP°PrPeC-PI C₁PμC_hC_hPμPIPsC- PSPμPrPsCfC, P° C, PSPsCfC, C- P±CfP»Pë C-CëPμPjC-C_hPSPëPjPë, 36 % B_h” PSPμC-CëPμPjC-C_hPSPëPjPë C, P° 8 % B_h” PSPμPIC-PrPsPjPsC- PμC, C-PsP»PsPiC-C-. Pj PePsP_hμPSC-P_N PiC_hC₁PiC- P»C-PeCfPIP°PSPSC_h 42 % P_hP°CfC-C_„ PSC, C-PI PjP°P»Pë PI P°PSP°PjPSPμP·C- C_hC₁PeC_hPsPIPëP_N PrC-P°P±PμC, 2 C, PëPiC₁, 3 % P_hP°CfC-C_„ PSC, C-PI C₁ PePsP_hμPSC-P_N PiC_hC₁PiC- P±CfP»Pë PeP»P°CfPëC_„ C-PePsPIP°PSC- C_hPe C, P°PeC-, C_hPs C₁C, C_hP°P_hPrP°C_hC, CH_h PSP° C_hC₁PeC_hPsPIPëP_N PrC-P°P±PμC, 2 C, PëPiC₁ PSP° PsC₁PSPsPIC- C_hC-PIPSC_h HbA1c ≥ 6,5 % C_hPe PiC_hPë PIPeP»C_hC_hPμPSPSC-, C, P°Pe C- P_hC_hPë C_hP°PSPPrPsPjC-P·P°CfC-C-. PμP°CfC-C_„ PSC, Pë PsC, C_hPëPjC₁PIP°P»Pë C₁C, P°PSPPrP°C_hC, PSPμ P»C-PeCfPIP°PSPSC_h; 94 % P_hP°CfC-C_„ PSC, C-PI PsC, C_hPëPjC₁PIP°P»Pë P»C-PeCfPIP°PSPSC_h C-P_hPμP_h, P'P P_h P°P±Ps C-PSPiC-P±C-C, PsC_hPsPj C_hPμC_hPμPiC, PsC_hP° P°PSPiC-PsC, PμPSP·PëPSC₁/PSPμPiC_hPëP»C-P·PëPSC₁ (PfP P_hP_h, 11 %), 96 % B_h” P±PμC, P°- P±P»PsPeP° C, PsC_hPsPj, 71 % B_h” P°PSC, P°PiPsPSC-C₁C, PsPj PjC-PSPμC_hP°P»PsPePsC_hC, PëPePsC-PrPSPëC... C_hPμC_hPμPiC, PsC_hC-PI (P_hP_hP_hP), 93 % B_h” PrC-C₁C_hPμC, PëPePsPj C- 26 % PjP°P»Pë C-PjPiP»P°PSC, PsPIP°PSPëP_N PiC_hPëC₁C, C_hC-P_N (P· C_„ C₁PSPeCfC-C_„ C_h PrPμC_„ C-P±C_hPëP»C_hC, PsC_hP°).

Pj PrPsCfP»C-PrP_hμPSPSC_h P±CfP»Pë PIPeP»C_hC_hPμPSC- P_hP°CfC-C_„ PSC, Pë P· C_hPëP_hP_h ≥ 30 PjP»/C...PI/1,73 Pj² PSP° P_hPsC_hP° C, PeC₁ PrPsCfP»C-PrP_hμPSPSC_h. P_hμC_hPμPrPSC_h B C_hPëP_hP_h C₁C, P°PSPsPIPëP»P° 66 PjP»/C...PI/1,73 Pj², 41 % P_hP°CfC-C_„ PSC, C-PI P· C_hPëP_hP_h < 60 PjP»/C...PI/1,73 Pj² C, P°B 15 % P_hP°CfC-C_„ PSC, C-PI PjP°P»Pë C_hPëP_hP_h < 45 PjP»/C...PI/1,73 Pj².

P_hμC_hC_hPμPIPs-C₁C₁PrPëPSPSP° C₁PjPμC_hC, CH_h C, P° P_hPsPiC-C_hCëPμPSPSC_h

$C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_sC - PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSP_sC\Gamma C, C-$

$P''P^{\circ}P\ddot{P}^{\circ}P_iP\gg C-C,, P\gg PsP\cdot P\ddot{e}PS$ B $P\ddot{i}P_{\mu}C\tilde{H}P_{\mu}PIP_{\mu}C\tilde{H}C\epsilon CrPIP^{\circ}PI$ B $P\ddot{i}P\gg P^{\circ}C\uparrow P_{\mu}P\pm Ps$ $C\%_{\infty}PsPrPs$
 $P\ddot{i}PsP\ddot{i}P_{\mu}C\tilde{H}P_{\mu}PrP\uparrow P_{\mu}PSPSC\downarrow$ $P\ddot{i}P_{\mu}C\tilde{H}PIP\ddot{e}PSPSP_sC -$ $PePsPjP\pm C - PSP_sPIP^{\circ}PSP_sC -$
 $PeC - PSC\uparrow P_{\mu}PIP_sC -$ $C, PsC\ddagger PeP\ddot{e}$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_s - C\Gamma CrPrP\ddot{e}PSPSP_sC -$ $C\Gamma PjP_{\mu}C\tilde{H}C, C-,$
 $PiPsC\Gamma P\ddot{i}C - C, P^{\circ}P\gg C - P\cdot P^{\circ}C\uparrow C - C -$ $P\cdot$ $P\ddot{i}C\tilde{H}P\ddot{e}PIP_sPrCr$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_sC -$
 $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSP_sC\Gamma C, C- P^{\circ}P\pm Ps$ $PIC - PrPIC - PrCrPIP^{\circ}PSPSC\downarrow$ $PIC - PrPrC - P\gg P_{\mu}PSPSC\downarrow$
 $PSP_{\mu}PIC - PrPeP\gg P^{\circ}PrPSP_sC -$ $PrPsP\ddot{i}PsPjPsP\ddot{i}P\ddot{e}$ $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P\cdot$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PICr$
 $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSC - C\Gamma C, CH$ ($P'P$ ($PIC - PrPSP_sC\epsilon P_{\mu}PSPSC\downarrow$ $C\tilde{H}P\ddot{e}P\cdot P\ddot{e}PeC - PI$) $0,74$ [95% $P''P\uparrow$
 $0,65; 0,85]$, $C\tilde{H} < 0,0001$). $P\cdot C,, P_{\mu}PeC$, $C\Gamma P\ddot{i}PsC\Gamma C, P_{\mu}C\tilde{H}C - PiP^{\circ}PIC\Gamma C\downarrow$ $C\tilde{H}P^{\circ}PSP_s C, P^{\circ}$
 $P\cdot P\pm P_{\mu}C\tilde{H}C - PiP^{\circ}PIC\Gamma C\downarrow$ $P\ddot{i}C\tilde{H}PsC, C\downarrow PiPsPj$ $CrC\Gamma CHPsPiPs$ $C\ddagger P^{\circ}C\Gamma Cr$ $PrPsC\Gamma P\gg C - PrP\uparrow P_{\mu}PSPSC\downarrow$
($C\tilde{H}P\ddot{e}C\Gamma CrPSP_sPe$ 1).

P PëCΓCžPSPsPe 1. $P\S P^{\circ}C\Gamma$ $PrPs$ $P\ddot{i}P_{\mu}C\tilde{H}C\epsilon PsPiPs$ $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\downarrow$ $PIP\ddot{e}P\ddot{i}P^{\circ}PrPeC - PI$
 $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_s - C\Gamma CrPrP\ddot{e}PSPSP_sC -$ $C\Gamma PjP_{\mu}C\tilde{H}C, C-,$ $PiPsC\Gamma P\ddot{i}C - C, P^{\circ}P\gg C - P\cdot P^{\circ}C\uparrow C - C -$ $P\cdot$
 $P\ddot{i}C\tilde{H}P\ddot{e}PIP_sPrCr$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_sC -$ $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSP_sC\Gamma C, C- P^{\circ}P\pm Ps$
 $PIC - PrPIC - PrCrPIP^{\circ}PSPSC\downarrow$ $PIC - PrPrC - P\gg P_{\mu}PSPSC\downarrow$ $PSP_{\mu}PIC - PrPeP\gg P^{\circ}PrPSP_sC -$
 $PrPsP\ddot{i}PsPjPsP\ddot{i}P\ddot{e}$ $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P\cdot$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PICr$ $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSC - C\Gamma C, CH$

$P'C - PrPIC - PrCrPIP^{\circ}PSPSC\downarrow$ $PIC - PrPrC - P\gg P_{\mu}PSPSC\downarrow$ $PSP_{\mu}PIC - PrPeP\gg P^{\circ}PrPSP_sC -$
 $PrPsP\ddot{i}PsPjPsP\ddot{i}P\ddot{e}$ $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P\cdot$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PICr$ $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSC - C\Gamma C, CH$ $P\pm CrP\gg Ps$
 $PIP\ddot{e}P\cdot PSP^{\circ}C\ddagger P_{\mu}PSP_s$ $C\downarrow Pe$ $C, P_{\mu}C\tilde{H}PjC - PSP_sPIP_{\mu}$, $PSP_{\mu}P\cdot P^{\circ}P\ddot{i}P\gg P^{\circ}PSP_sPIP^{\circ}PSP_{\mu}$
 $PsP\pm C\Gamma C, P_{\mu}P\uparrow P_{\mu}PSPSC\downarrow$ $P\gg C - PeP^{\circ}C\tilde{H}P_{\mu}Pj$, $PSP^{\circ}P\ddot{i}C\tilde{H}P\ddot{e}PeP\gg P^{\circ}Pr$, Cr $PIC - PrPrC - P\gg P_{\mu}PSPSC -$
 $PSP_{\mu}PIC - PrPeP\gg P^{\circ}PrPSP_sC -$ $PrPsP\ddot{i}PsPjPsP\ddot{i}P\ddot{e}$, C, P° $PiPsC, C\tilde{H}P_{\mu}P\pm P^{\circ}$ PI $P\gg C - PeCrPIP^{\circ}PSPSC -$
 $P\ddot{i}C\tilde{H}P\ddot{e}$ $P\ddot{i}PsPiC - C\tilde{H}C\epsilon P_{\mu}PSPSC -$ $C\Gamma P_{\mu}C\tilde{H}C\uparrow P_{\mu}PIP_sC -$ $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSP_sC\Gamma C, C- (PeC\tilde{H}C - Pj$
 $P\ddot{i}C\tilde{H}PsC\Gamma C, PsPiPs$ $P\cdot P\pm C - P\gg CHC\epsilon P_{\mu}PSPSC\downarrow$ $P\ddot{i}C\tilde{H}P\ddot{e}P_{\mu}PsPjCr$ $P\ddot{i}P_{\mu}C\tilde{H}PsC\tilde{H}P^{\circ}P\gg CHPsP\ddot{e}C...$
 $PrC - CrC\tilde{H}P_{\mu}C, P\ddot{e}PeC - PI).$

$P_{\mu}P^{\circ}C\uparrow C - C''PSC, P\ddot{e}$ $P\ddot{i}C\tilde{H}CrP\ddot{i}P\ddot{e}$ $C\tilde{H}P\ddot{e}P\cdot P\ddot{e}PeCr$ $\mathfrak{B}\tilde{H}''$ $C\uparrow P_{\mu}$ $PeC - P\gg CHPeC - C\Gamma C, CH$
 $P\ddot{i}P^{\circ}C\uparrow C - C''PSC, C - PI$, $C\downarrow PeC -$ $P\ddot{i}P_{\mu}C\tilde{H}P_{\mu}P\pm CrPIP^{\circ}CHC, CH$ Cr $P\ddot{i}C\tilde{H}CrP\ddot{i}C -$ $C\tilde{H}P\ddot{e}P\cdot P\ddot{e}PeCr$ PSP°
 $P\ddot{i}PsC\ddagger P^{\circ}C, PeCr$ $P\ddot{i}P_{\mu}C\tilde{H}C - PsPrCr$.

PJCΓC- C,CHPē PePsPjPiPsPSPμPSC,Pē PiPμCHPIPēPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC—
PeC-PSC†PμPIPsC— C,PsC‡PePē PsPeCHPμPjPs CΓPiCHPēCΠP»Pē PμC,,PμPeC,Cr
P»C-PeCΓPIP°PSPSCΠ (CHPēCΓCrPSPsPe 2). P—P°CHPμC”CΓC,CHPsPIP°PSPs PjP°P»Cr
PeC-P»CHPeC-CΓC,CH PIC-PrPIC-PrCΓPIP°PSCH PIC-PrPrC-P»PμPSPSCΠ
PSPμPIC-PrPeP»P°PrPSPsC— PrPsPiPsPjPsPiPē C‡PμCHPμP· CΓPμCHC†PμPICr
PSPμPrPsCΓC,P°C,PSC-CΓC,CH.

*P PēCΓCzPSPsPe 2. P•C,,PμPeC,Pē P»C-PeCΓPIP°PSPSCΠ PrP»CΠ PiPμCHPIPēPSPSPsC—
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PμPIPsC— C,PsC‡PePē, C—C— CΓPeP»P°PrPsPIPēC... C-
CΓPjPμCHC,PSPsCΓC,C- P· CrCΓC-C... PiCHPēC‡PēPS*

P’C-PrPIC-PrCΓPIP°PSPSCΠ PIC-PrPrC-P»PμPSPSCΠ PSPμPIC-PrPeP»P°PrPSPsC—
PrPsPiPsPjPsPiPē C‡PμCHPμP· CΓPμCHC†PμPICr PSPμPrPsCΓC,P°C,PSC-CΓC,CH P±CrP»Ps
PIPēP·PSP°C‡PμPSPs CΠPe C,PμCHPjC-PSPsPIPμ, PSPμP·P°PiP»P°PSPsPIP°PSPμ
PsP±CΓC,PμP¶PμPSPSCΠ P»C-PeP°CHPμPj, PSP°PiCHPēPeP»P°Pr, Cr PIC-PrPrC-P»PμPSPSC-
PSPμPIC-PrPeP»P°PrPSPsC— PrPsPiPsPjPsPiPē, C,P° PiPsC,CHPμP±P° PI P»C-PeCΓPIP°PSPSC-
PiCHPē PiPsPiC-CHC€PμPSPSC- CΓPμCHC†PμPIPsC— PSPμPrPsCΓC,P°C,PSPsCΓC,C- (PeCHC-Pj
PiCHPsCΓC,PsPiPs P·P±C-P»CHC€PμPSPSCΠ PiCHPēPNēPsPjCr PiPμCHPsCHP°P»CHPSPēC...
PrC-CrCHPμC,PēPeC-PI).

PлC-P»CHPeC-CΓC,CH PiPμCHC€PēC... PiPsPrC-PNē PrP»CΠ PsPeCHPμPjPēC...
PePsPjPiPsPSPμPSC,C-PI C” C,,P°PeC,PēC‡PSPsCH PeC-P»CHPeC-CΓC,CH PiPμCHC€PēC...
PiPsPrC-PNē PrP»CΠ PePsP¶PSPsPiPs PePsPjPiPsPSPμPSC,P° C- PSPμ PrPsPrP°C”C,CHCΓCΠ PrPs
C‡PēCΓP»P° PiPsPrC-PNē Cr PePsPjP±C-PSPsPIP°PSC-PNē PeC-PSC†PμPIC-PNē C,PsC‡C†C-.

P§P°CΓC,PsC,P° PiPsPrC-PNē PiCHPμPrCΓC,P°PIP»PμPSP° CΠPe PIC-PrPSPsC€PμPSPSCΠ
PeC-P»CHPePsCΓC,C- CrC‡P°CΓPSPēPeC-PI P· PiPsPrC-CΠPjPē PrPs 100 PiP°C†C-C”PSC,Ps-
CHPsPeC-PI CΓPiPsCΓC,PμCHPμP¶PμPSPSCΠ.

CH-P·PSP°C‡PμPSPSCΠ PrP»CΠ PsPeCHPμPjPēC... CΓPeP»P°PrPsPIPēC... C-
CΓPjPμCHC,PSPsCΓC,C- P· CrCΓC-C... PiCHPēC‡PēPS C” PSPsPjC-PSP°P»CHPSPēPjPē.

P—P°CΓC,PsCΓCrPIP°PSPSCΠ PrP°PiP°PiP»C-C,,P»PsP·PēPSCr C,P°PePsP¶ P·PjPμPSC€PēP»Ps
P·P°PiP°P»CHPSCr PeC-P»CHPeC-CΓC,CH PIPēPiP°PrPeC-PI PiPsCΓPiC-C,P°P»C-P·P°C†C-C— P·
PiCHPēPiPsPrCr CΓPμCHC†PμPIPsC— PSPμPrPsCΓC,P°C,PSPsCΓC,C- (PiPμCHPIPēPSPSPsC— C,P°
PiPsPIC,PsCHPSPsC—) C,P° CΓPμCHC†PμPIPs-CΓCrPrPēPSPSPsC— CΓPjPμCHC,C-;
P·P°CHPμC”CΓC,CHPsPIP°PSPs 567 PIPēPiP°PrPeC-PI Cr PiCHCrPiC-
PrP°PiP°PiP»C-C,,P»PsP·PēPSCr PI PiPsCHC-PIPSCΠPSPSC- P· 742 PIPēPiP°PrPeP°PjPē PI
PiCHCrPiC- PiP»P°C†PμP±Ps (PIC-PrPSPsC€PμPSPSCΠ CHPēP·PēPeC-PI 0,75 [95 % P”P† 0,65;
0,88]; p = 0,0002).

PлPsCHPēCΓC,CH PIC-Pr P»C-PeCΓPIP°PSPSCΠ PrP°PiP°PiP»C-C,,P»PsP·PēPSPsPj
CΓPiPsCΓC,PμCHC-PiP°P»P°CΓCH Cr PiP°C†C-C”PSC,C-PI C-P· CΓPμCHC†PμPIPsCH
PSPμPrPsCΓC,P°C,PSC-CΓC,CH CΠPe C-P· C†CrPeCHPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPiCr,

C,P°Pe C- P±PμP· PSCHPsPiPs. P—P°CfC,PsCfCfPIP°PSPSCf PrP°PiP°PiP»C-C,,P»PsP·PëPSCf P·PSPëP¶CfPIP°P»Ps PiPμCfPIPëPSPSCf PePsPjP±C-PSPsPIP°PSCf PeC-PSC†PμPICf C,PsC±PeCf C±P°CfC,PsC,Pë CfPμCfC†PμPIPs-CfCfPrPëPSPSPsC— CfPjPμCfC,C- C,P° PiPsPiC-CfC€PμPSPSCf CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- C-P· P'P 0,75 (95 % P"P† 0,63; 0,90) Cf PiP°C†C-C"PSC,C-PI P· C†CfPeCfPsPIPëPj PrC-P°P±PμC,PsPj C,P° 0,73 (95 % P"P† 0,60; 0,88) Cf PiP°C†C-C"PSC,C-PI P±PμP· C†CfPeCfPsPIPsPiPs PrC-P°P±PμC,Cf.

PμPsCfPëCfC,CH PIC-Pr P»C-PeCfPIP°PSPSCf PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj PiPsCfC-PIPSfPSPs P· PiP»P°C†PμP±Ps C°PsPrPs PiPμCfPIPëPSPSPsC— PeC-PSC†PμPIPsC— C,PsC±PePë C,P°PePsP¶ PiCfPsCfP»C-PrPePsPICfPIP°P»P°CfCH PI C-PSC€PëC... PeP»CHC±PsPIPëC... PiC-PrPiCfCfPiP°C..., Cf C., C±. Cf PiC-PrPiCfCfPiP°C... C-P· CfCfPiCfC,PSC-Pj P»C-PeCfPIP°PSPSCfPj CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-, B C,,CfPSPeC†C-C— PSPëCfPsPe (CfPëPμPα), B Cf PiC-PrPiCfCfPiP°C... P·P° PIC-PePsPj, CfC,P°C,C,CH C,P° CfPμPiC-PsPSPsPj.

P PμP·CzP»CHC,P°C,Pë P»C-PeCzPIP°PSPSCf, C°Ps PiPsPIC-PrPsPjP»CfCHC,CHCfCf PiP°C†C-C"PSC,P°PjPë, eH" CfPëPjPiC,PsPjPë CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-

P'PiP»PëPI PrP°PiP°PiP»C-C,,P»PsP·PëPSCf PSP° CfPëPjPiC,PsPjPë CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- PsC†C-PSCfPIP°P»Pë P·P° P·P°PiP°P»CHPSPëPj P±P°P»PsPj CfPëPjPiC,PsPjC-PI PμP°PSP·P°CfCHPePsPiPs PsPiPëC,CfPIP°P»CHPSPëPeP° PrP»Cf PsC†C-PSPePë PiP°C†C-C"PSC,C-PI C-P· PeP°CfPrC-PsPjC-PsPiP°C,C-C"CH (KCCQ-TSS), CfPePëPμ PiPëP·PSP°C±P°C" C±P°CfC,PsC,Cf C,P° C,CfP¶PeC-CfC,CH CfPëPjPiC,PsPjC-PI CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-, B PiPeP»CHC±P°CHC±Pë PIC,PsPjCf, PiPμCfPëC,,PμCfPëC±PSC- PSP°P±CfCfPePë, P·P°PrPëC€PeCf C,P° PsCfC,PsPiPSPsPμ. P'P°P»Pë Cf PrC-P°PiP°P·PsPSC- PIC-Pr 0 PrPs 100, PiCfPë C†CHPsPjCf P±C-P»CHC€ PiPëCfPsPeC- P±P°P»Pë PIC-PrPiPsPIC-PrP°CHC,CH PeCfP°C°PsPjCf CfC,P°PSCf P·PrPsCfPsPiBf™ Cf.

P>C-PeCfPIP°PSPSCf PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj PjP°P»Ps CfC,P°C,PëCfC,PëC±PSPs C,P° PeP»C-PSC-C±PSPs P·PSP°C†CfC°Cf PiPμCfPμPIP°PiCf Cf PiPsCfC-PIPSfPSPSC- P· PiP»P°C†PμP±Ps PiCfPë CfPëPjPiC,PsPjP°C... CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-, C°Ps PiPëP·PSP°C±P°P»P°CfCf P·P° P·PjC-PSPsCH PIC-Pr PiPëC...C-PrPSPsPiPs CfC-PIPSfPSP° 8-PjCf PjC-CfCfC†C- P·P° KCCQ-TSS (PePsPμC,,C-C†C-C"PSC, PiPμCfPμPIP°PiPë 1,18 [95 % P"P† 1,11; 1,26]; p < 0,0001). Pj CfPμP·CfP»CHC,P°C,P°C... PICfP°C...PsPIP°PSPs C±P°CfC,PsC,Cf C,P° C,CfP¶PeC-CfC,CH CfPëPjPiC,PsPjC-PI. B PμPμCfPμPIP°PiP° CfPiPsCfC,PμCfC-PiP°P»P°CfCf CfPe Cf PiPsPeCfP°C°PμPSPSC- B CfPëPjPiC,PsPjC-PI CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-, C,P°Pe C- PI P·P°PiPsP±C-PiP°PSPSC- PiPsPiC-CfC€PμPSPSCH CfPëPjPiC,PsPjC-PI CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-.

P' P°PSP°P»C-P·P°C... PIC-PrPiPsPIC-PrPμPμ CfPμCfPiPsPSPrPμPSC,C-PI C±P°CfC,PeP° PiP°C†C-C"PSC,C-PI C-P· PeP»C-PSC-C±PSPs P·PSP°C†CfC°PëPj PiPsPeCfP°C°PμPSPSCfPj P·P° KCCQ-TSS C±PμCfPμP· 8 PjC-CfCfC†C-PI PIC-Pr PiPëC...C-PrPSPsPiPs CfC-PIPSfPSP,

PIPëP·PSP°C†PµPSPëPj C¼Pε 5 P±P°P»C-PI P°P±Ps P±C-P»CHCεPµ, P±C†P»P° PIPëC%PsC¶ PI
 PiC¶C†PiC- PrP°PïP°PiP»C-C,,P»PsP·PëPSC† PïPsC¶C-PIPSC¼PSPs P· PiC¶C†PiPsC¶
 PïP»P°C†PµP±Ps. P¶C-P»CHPeC-C†C,CH PïP°C†C-C"PS C,PI C-P· PeP»C-PSC-C†PSPs
 P·PSP°C†C†C%PëPj PïPsPiC-C¶CεPµPSPSC¼Pj, PIPëP·PSP°C†PµPSPëPj C¼Pε 5 P±P°P»C-PI
 P°P±Ps P±C-P»CHCεPµ, P±C†P»P° PjPµPSCεPsC¶ PI PiC¶C†PiC-
 PrP°PïP°PiP»C-C,,P»PsP·PëPSC† PïPsC¶C-PIPSC¼PSPs P· PiC¶C†PiPsC¶ PïP»P°C†PµP±Ps.
 PµPµC¶PµPIP°PiPë, C%Ps C†PïPsC†C,PµC¶C-PiP°P»PëC†C¶ PiC¶Pë
 P·P°C†C,PsC†C†PIP°PSPSC- PrP°PïP°PiP»C-C,,P»PsP·PëPSC†, P·P±PµC¶C-PiP°P»PëC†C¼ PiC¶Pë
 PIPëPePsC¶PëC†C,P°PSPSC- P±C-P»CHCε PePsPSC†PµC¶PIP°C,PëPIPSPëC...
 PiC¶P°PSPëC†PSPëC... PïPsPeP°P·PSPëPeC-PI PrP»C¼ P±C-P»CHCεPëC... PeP»C-PSC-C†PSPs
 P·PSP°C†C†C%PëC... P·PjC-PS (C,P°P±P»PëC†C¼ 5).

*PjP°P±P»PëC†C¼ 5. P¶C-P»CHPeC-C†C,CH C- PIC-PrC†PsC,PePsPIPµ
 C†PiC-PIPIC-PrPSPsCεPµPSPSC¼ PïP°C†C-C"PS C,PI C-P· PeP»C-PSC-C†PSPs
 P·PSP°C†C†C%PëPj PïPsPeC¶P°C%PµPSPSC¼Pj C- PïPsPiC-C¶CεPµPSPSC¼Pj C†PµC¶PµP· 8
 PjC-C†C¼C†C-PI P·P° KCCQ-TSS*

P—PjC-PSP° PIPëC...C-PrPSPsC— PsC†C-PSPëPë C†PµC¶PµP· 8 PjC-C†C¼C†C-PI PµPsPeC¶P°C%PµPSPSC¼n (%)	P"°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps 10 PjPi n^a = 2086	P"°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2062	P'C-PrPSPsCεPµPSPSC¼p-P·PSP°C†PµPSPSC¼^f C¶PëP·PëPeC-PI^c (95 % P"P†)	P'C-PrPSPsCεPµPSPSC¼p-P·PSP°C†PµPSPSC¼^f C¶PëP·PëPeC-PI^c (95 % P"P†)
≥ 5 P±P°P»C-PI	933 (44,7)	794 (38,5)	1,14 (1,06; 1,22)	0,0002
≥ 10 P±P°P»C-PI	689 (33,0)	579 (28,1)	1,13 (1,05; 1,22)	0,0018
≥ 15 P±P°P»C-PI	474 (22,7)	406 (19,7)	1,10 (1,01; 1,19)	0,0300
PµPsPiC-C¶CεPµPSPSC¼ n (%)	PïPsPeC¶P°C%PµPSPSC¼^b	n (%)	PïPsPeC¶P°C%PµPSPSC¼^b	P'C-PrPSPsCεPµPSPSC¼p-P·PSP°C†PµPSPSC¼^f C¶PëP·PëPeC-PI^c (95 % P"P†)
≥ 5 P±P°P»C-PI	537 (25,7)	693 (33,6)	0,84 (0,78; 0,89)	<0,0001
≥ 10 P±P°P»C-PI	395 (18,9)	506 (24,5)	0,85 (0,79; 0,92)	<0,0001

^aP¶C-P»CHPeC-C†C,CH PïP°C†C-C"PS C,PI, C¼PεC- B C†PïPsC†C,PµC¶C-PiP°P»PëC†C¼ P·
 KCCO-TSS P°P±Ps PïPsPjPµC¶P»Pë PrPs P·P°PIPµC¶CεPµPSPSC¼ 8 PjC-C†C¼C†C-PI.

^bP¶C-P»CHPeC-C†C,CH PïP°C†C-C"PS C,PI, C† C¼PePëC... C†PïPsC†C,PµC¶C-PiP°P»PsC†C¼
 PïPsPeC¶P°C%PµPSPSC¼ PiC¶PëPSP°PN₂PjPSC- PSP° 5, 10 P°P±Ps 15 P±P°P»C-PI C†
 PïPsC¶C-PIPSC¼PSPSC- P· PIPëC...C-PrPSPëPj C¶C-PIPSPµPj. PµP°C†C-C"PS C,PI, C¼PeC-
 B PïPsPjPµC¶P»Pë PrPs PIPëP·PSP°C†PµPSPsPiPs C†P°C†C† PIPIP°P¶P°C¶C,CHC†C¼
 C,P°PePëPjPë, PI C¼PePëC... PïPsPeC¶P°C%PµPSPSC¼ PSPµ C†PïPsC†C,PµC¶C-PiP°P»PsC†C¶.

^c P"»CЦ PĭPsPeCĤP°C%PμPSPSCЦ B PIC-PrPSPsC€PμPSPSCЦ CĤPĕP·PĕPeC-PI > 1 P·
PĭPμCĤPμPIP°PĭPsCĤ PSP° PePsCĤPĕCĬC,CH PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr 10 PjPi.

^d PĤC-P»CHPeC-CĬC,CH PĭP°C†C-C"PSC,C-PI, Cr CЦPePĕC... CĬPĭPsCĬC,PμCĤC-PĭP°P»PsCĬCЦ
PĭPsPiC-CĤC€PμPSPSCЦ PĭCĤPĕPSP°PNĕPjPSC- PSP° 5 P°P±Ps 10 P±P°P»C-PI Cr
PĭPsCĤC-PIPSCЦPSPSC- P· PIPĕC...C-PrPSPĕPj CĤC-PIPSPμPj. PμP°C†C-C"PSC,Pĕ, CЦPeC-
PĭPsPjPμCĤP»Pĕ PrPs PIPĕP·PSP°C‡PμPSPsPiPs C‡P°CĬCr, PIPĭP°P¶P°CĤC,CHCĬCЦ
C,P°PePĕPjPĕ, PI CЦPePĕC... CĬPĭPsCĬC,PμCĤC-PĭP°P»PsCĬCЦ PĭPsPiC-CĤC€PμPSPSCЦ.

^e P"»CЦ PĭPsPiC-CĤC€PμPSPSCЦ B PIC-PrPSPsC€PμPSPSCЦ CĤPĕP·PĕPeC-PI < 1 P·
PĭPμCĤPμPIP°PĭPsCĤ PSP° PePsCĤPĕCĬC,CH PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr 10 PjPi.

^f p·P·PSP°C‡PμPSPSCЦ PSPsPjC-PSP°P»CHPSC-.

PkPμC,,CĤPsPĭP°C,C-CЦ

PŸPĭPsCĬC,PμCĤC-PĭP°P»PsCĬCЦ PSPμP±P°PĭP°C,Ps PĭPsPrC-PNĕ PSPĕCĤPePsPIPsC—
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PμPIPsC— C,PsC‡PePĕ (PĭC-PrC,PIPμCĤPrP¶PμPSPμ
CĬC,C-PNĕPePμ P·PSPĕP¶PμPSPSCЦ CĤC-PIPSCЦ CĤPĕPĤPα ≥ 50 %, PŸPŸPĤPĤ P°P±Ps
CĬPjPμCĤC,CH C‡PμCĤPμP· PSPĕCĤPePsPIC- P·P°C...PIPsCĤCĤPIP°PSPSCЦ); C‡P°CĬC,PsC,P°
CĬPeP»P°P»P° 1,2 % Cr PiCĤCĬPĭC- PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr C,P° 1,6 % Cr PiCĤCĬPĭC-
PĭP»P°C†PμP±Ps.

*P"PsCĬP»C-PrP¶PμPSPSCЦ DELIVER: CĬPμCĤC†PμPIP° PSPμPrPsCĬC,P°C,PSC-CĬC,CH C-P·
C,,CĤP°PeC†C-C"CĤ PIPĕPePĕPrCž P»C-PIPsPiPs C€P»CžPSPsC‡PeP° > 40 %*

DELIVER (Dapagliflozin Evaluation to Improve the LIVEs of Patients with PREserved Ejection
Fraction Heart Failure, PhC†C-PSPeP° P·PrP°C,PSPsCĬC,C- PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr
PĭPsPeCĤP°C%CrPIP°C,Pĕ P¶PĕC,C,CЦ PĭP°C†C-C"PSC,C-PI C-P· CĬPμCĤC†PμPIPsCĤ
PSPμPrPsCĬC,P°C,PSC-CĬC,CĤ P·C- P·P±PμCĤPμP¶PμPSPsCĤ C,,CĤP°PeC†C-C"CĤ
PIPĕPePĕPrCŕ) вĤ" C†Pμ PjC-P¶PSP°CĤPsPrPSPμ P±P°PĭP°C,PsC†PμPSC,CĤPsPIPμ
CĤP°PSPrPsPjC-P·PsPIP°PSPμ PĭPsPrPIC-PNĕPSPμ CĬP»C-PĭPμ PĭP»P°C†PμP±Ps-
PePsPSC,CĤPsP»CHPsPIP°PSPμ PrPsCĬP»C-PrP¶PμPSPSCЦ P·P° CrC‡P°CĬC,CĤ
PĭP°C†C-C"PSC,C-PI PIC-PePsPj ≥ 40 CĤPsPeC-PI C-P· CĬPμCĤC†PμPIPsCĤ
PSPμPrPsCĬC,P°C,PSC-CĬC,CĤ (ИвĤ"IV PeP»P°CĬ P·P° PeP»P°CĬPĕC,,C-PeP°C†C-C"CĤ NYHA) P·
PαP·P»Pĕ > 40 % C- PsP·PSP°PeP°PjPĕ CĬC,CĤCŕPeC,CŕCĤPSPĕC... PĭP°C,PsP»PsPiC-PNĕ
CĬPμCĤC†CЦ, PjPμC,PsCĤ CЦPePsPiPs C" PIPĕP·PSP°C‡PμPSPSCЦ PIPĭP»PĕPICŕ
PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr PSP° C‡P°CĬC,PsC,Cŕ PIPĕPĭP°PrPeC-PI CĬPμCĤC†PμPIPs-
CĬCŕPrPĕPSPSPsC— CĬPjPμCĤC,C- C,P° PĭPsPiC-CĤC€PμPSPSCЦ PĭPμCĤPμP±C-PiCŕ
CĬPμCĤC†PμPIPsC— PSPμPrPsCĬC,P°C,PSPsCĬC,C- Cr PĭPsCĤC-PIPSCЦPSPSC- P·
PĭP»P°C†PμP±Ps.

6263 CrC‡P°CĬPSPĕPePĕ PrPsCĬP»C-PrP¶PμPSPSCЦ P±CŕP»Pĕ CĤPsP·PĭPsPrC-P»PμPSC- PSP°
PiCĤCŕPĭPĕ: P·P°CĬC,PsCĬCŕPIP°PSPSCЦ PrP°PĭP°PĭP»C-C,,P»PsP·PĕPSCr Cr PrPsP·C- 10 PjPi
вĤ" 3131 PĭP°C†C-C"PSC,; P·P°CĬC,PsCĬCŕPIP°PSPSCЦ PĭP»P°C†PμP±Ps вĤ" 3132
PĭP°C†C-C"PSC,Pĕ. PŸPμCĤPμPrPSC-PNĕ C‡P°CĬ CĬPĭPsCĬC,PμCĤPμP¶PμPSPSCЦ
CĬC,P°PSPsPIPĕPI 28 PjC-CĬCЦC†C-PI. PŸPμCĤPμPr CrC‡P°CĬPSPĕPeC-PI

PrPsCfP»C-PrP¶PµPSPSC¶ 654 (10 %) PïP°C†C-C"PSC,Pë PjP°P»Pë Pïc-PrPiPsCfC,C¶CfCf
CfPµC¶C†PµPICr PSPµPrPsCfC,P°C,PSC-CfC,CH (PIPsPSPë PIPëP·PSP°C†P°C¶C,CHCfC¶ C¶Pe
C¶P°PSPrPsPjC-P·PsPIP°PSC- Pïc-Pr C†P°Cf PïPsCfPïc-C,P°P»C-P·P°C†C-C— P· Pïc¶PëPIPsPrCf
CfPµC¶C†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps Pïc¶PsC,C¶PIPsPj 30 PrPSC-PI
Pïc-CfP»C¶ PIPëPïPëCfPePë). P¶PµC¶PµPrPSC-PNë PIC-Pë PïPsPïcP»C¶C†C-C—
PrPsCfP»C-PrP¶PµPSPSC¶ CfC,P°PSPsPIPëPI 72 C¶PsPePë, 56 % PïP°C†C-C"PSC,C-PI P±CfP»Pë
C†PsP»PsPIC-C†PsC— CfC,P°C,C-.

PkP° PïPsC†P°C,PeCf PrPsCfP»C-PrP¶PµPSPSC¶ 75 % PïP°C†C-C"PSC,C-PI P±CfP»Pë
PIC-PrPSPµCfPµPSC- PrPs II PeP»P°CfCf P·P° PeP»P°CfPëC,,C-PeP°C†C-C"C¶ NYHA, 24 % B¶"
PrPs III PeP»P°CfCf C- 0,3 % B¶" PrPs IV PeP»P°CfCf. P¶PµPrC-P°PSP° P¶P·P·Pë
CfC,P°PSPsPIPëP»P° 54 %. Pj 34 % PïP°C†C-C"PSC,C-PI P¶P·P·Pë CfC,P°PSPsPIPëP»P° ≤ 49 %,
Cf 36 % B¶" 50B¶"59 %, P° Cf 30 % B¶" ≥ 60 %. Pj PePsP¶PSC-PNë Pïc¶CfPïc-
PrPsCfP»C-PrP¶PµPSPSC¶ Cf 45 % PïP°C†C-C"PSC,C-PI PI P°PSP°PjPSPµP·C- P±CfPI
C†CfPeC¶PsPIPëPNë PrC-P°P±PµC, 2-PiPs C,PëPïc. P·P°P·PsPIP° C,PµC¶P°Pïc-C¶
PIPeP»C¶C†P°P»P° C-PSPic-P±C-C,PsC¶Pë
P°PSPic-PsC,PµPSP·PëPSPïPµC¶PµC,PIPsC¶C¶C¶PsPiPs C,,PµC¶PjPµPSC,Cf
(C-P¶PµP¶)/P±P»PsPeP°C,PsC¶Pë C¶PµC†PµPïc,PsC¶C-PI P°PSPic-PsC,PµPSP·PëPSCr II (P·P P¶h)/
C-PSPic-P±C-C,PsC¶Pë C¶PµC†PµPïc,PsC¶P°
P°PSPic-PsC,PµPSP·PëPSCr/PSPµPïc¶PëP»C-P·PëPSCr (P†P P¶P¶) (77 %), P±PµC,P°-
P±P»PsPeP°C,PsC¶Pë (83 %), PrC-CfC¶PµC,PëPePë (98 %) C,P° P°PSC,P°PiPsPSC-CfC,Pë
PjC-PSPµC¶P°P»PsPePsC¶C,PëPePsC—PrPSPëC... C¶PµC†PµPïc,PsC¶C-PI (P¶P¶P¶P) (43 %).

P¶PµC¶PµPrPSC" P·PSP°C†PµPSPSC¶ C¶PëP¶P¶ CfC,P°PSPsPIPëP»Ps 61 PjP»/C...PI/1,73 Pj². Pj
49 % PïP°C†C-C"PSC,C-PI PïPsPeP°P·PSPëPe C¶PëP¶P¶ CfC,P°PSPsPIPëPI <
60 PjP»/C...PI/1,73 Pj², Cf 23 % B¶" < 45 PjP»/C...PI/1,73 Pj², P° Cf 3 % B¶"
< 30 PjP»/C...PI/1,73 Pj².

P"P°PïP°PiP»C-C,,P»PsP·PëPS PïPµC¶PµPIP°P¶P°PI PïP»P°C†PµP±Ps Cf P·PSPëP¶PµPSPSC-
C†P°CfC,PsC,Pë PïPµC¶PIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC—
C,PsC†PePë CfPµC¶C†PµPIPs-CfCfPrPëPSPSPsC— CfPjPµC¶C,C-,
PiPsCfPïc-C,P°P»C-P·P°C†C-C— P· Pïc¶PëPIPsPrCf CfPµC¶C†PµPIPsC—
PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps C,PµC¶PjC-PSPsPIPsPiPs P·PIPµC¶PSPµPSPSC¶ P·P°
PjPµPrPëC†PSPsC¶ PrPsPiPsPjPsPiPsC¶ C†PµC¶PµP· CfPµC¶C†PµPICr
PSPµPrPsCfC,P°C,PSC-CfC,CH (P·P 0,82 [95 % P"P† 0,73, 0,92]; p = 0,0008)
(C¶PëCfCfPSPsPe 3).

P PëCfCzPSPsPe 3. P¶P°Cf PrPs PïPµC¶C¶PsPiPs PIPëPSPëPePSPµPSPSC¶ PïPµC¶PIPëPSPSPsC—
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë CfPµC¶C†PµPIPs-
CfCfPrPëPSPSPsC— CfPjPµC¶C,C-, PiPsCfPïc-C,P°P»C-P·P°C†C-C— P· Pïc¶PëPIPsPrCf
CfPµC¶C†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps C,PµC¶PjC-PSPsPIPsPiPs
P·PIPµC¶PSPµPSPSC¶ P·P° PjPµPrPëC†PSPsC¶ PrPsPiPsPjPsPiPsC¶ C†PµC¶PµP·
CfPµC¶C†PµPICr PSPµPrPsCfC,P°C,PSC-CfC,CH

PŷPµCĤPjC-PSPsPIPµ P·PIPµCĤPSPµPSPSCĬ P·P° PjPµPrPëC‡PSPsCĤ PrPsPïPsPjPsPiPsCĤ
 C‡PµCĤPµP· CĬPµCĤC†PµPICŕ PSPµPrPsCĬC,P°C,PSC-CĬC,CH PIPëP·PSP°C‡P°P»Pë CĬPe
 PSPµPIC-PrPeP»P°PrPSPëPNë PSPµP·P°PïP»P°PSPsPIP°PSPëPNë PsPiP»CĬPr P»C-PeP°CĤPµPj,
 PSP°PïCĤPëPeP»P°Pr, Cŕ PIC-PrPrC-P»PµPSPSC- PSPµPIC-PrPeP»P°PrPSPsC— PrPsPïPsPjPsPiPë,
 C,P° PïPsC,CĤPµP±Cŕ PI P»C-PeCŕPIP°PSPSC- P·P°PiPsCĬC,CĤPµPSPSCĬ CĬPµCĤC†PµPIPsC—
 PSPµPrPsCĬC,P°C,PSPsCĬC,C- (PsPeCĤC-Pj P·P±C-P»CHC€PµPSPSCĬ PrPsP·Pë
 PïPµCĤPsCĤP°P»CHPSPëC... PrC-CŕCĤPµC,PëPeC-PI).

PµP°C†C-C"PSC,Pë PiCĤCŕPïPë CĤPëP·PëPeCŕ bĤ" C†Pµ PeC-P»CHPeC-CĬC,CH
 PïP°C†C-C"PSC,C-PI, CĬPeC- PïPµCĤPµP±CŕPIP°CĤC,CH Cŕ PiCĤCŕPïC- CĤPëP·PëPeCŕ PSP°
 PïPsC‡P°C,PeCŕ PïPµCĤC-PsPrCŕ.

PĶP° CĤPëCĬCŕPSPeCŕ 4 P·PsP±CĤP°P¶PµPSPs PIPSPµCĬPsPe C,CĤCHPsC...
 PePsPjPïPsPSPµPSC,C-PI PïPµCĤPIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC— C,PsC‡PePë PI
 PïPsPeP°P·PSPëPe PµC,,PµPeC,PëPIPSPsCĬC,C- P»C-PeCŕPIP°PSPSCĬ.

P PëCĬCžPSPsPe 4. P·C,,PµPeC,PëPIPSC-CĬC,CH P»C-PeCŕPIP°PSPSCĬ PrP»CĬ
PïPµCĤPIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PsC‡PePë C,P° C—C—
PePsPjPïPsPSPµPSC,C-PI

PŷPµCĤPjC-PSPsPIPµ P·PIPµCĤPSPµPSPSCĬ P·P° PjPµPrPëC‡PSPsCĤ PrPsPïPsPjPsPiPsCĤ
 C‡PµCĤPµP· CĬPµCĤC†PµPICŕ PSPµPrPsCĬC,P°C,PSC-CĬC,CH PIPëP·PSP°C‡P°P»Pë CĬPe
 PSPµPIC-PrPeP»P°PrPSPëPNë PSPµP·P°PïP»P°PSPsPIP°PSPëPNë PsPiP»CĬPr P»C-PeP°CĤPµPj,
 PSP°PïCĤPëPeP»P°Pr, Cŕ PIC-PrPrC-P»PµPSPSC- PSPµPIC-PrPeP»P°PrPSPsC— PrPsPïPsPjPsPiPë,
 C,P° PïPsC,CĤPµP±Cŕ PI P»C-PeCŕPIP°PSPSC- P·P°PiPsCĬC,CĤPµPSPSCĬ CĬPµCĤC†PµPIPsC—

PSP_μPrPsCfC, P° C, PSPsCfC, C- (PsPeC₇C-Pj P·P±C-P»CH₃C€P_μPSPSC_μ PrPsP·Pë
PīP_μC₇PsC₇P°P»CH₃PSPëC... PrC-CrC₇P_μC, PëPeC-PI).

P₇C-P»CH₃PeC-CfC, CH₃ PīP_μC₇C€PëC... PīPsPrC-PN₂ PrP»C_μ PsPeC₇P_μPjPëC...
PePsPjPīPsPSP_μPSC, C-PI C'' C,, P°PeC, PëC±PSPsC₇ PeC-P»CH₃PeC-CfC, C₇ PīP_μC₇C€PëC...
PīPsPrC-PN₂ PrP»C_μ PePsP₇PSPsPiPs PePsPjPīPsPSP_μPSC, P°, C%₀₀Ps PSP_μ PrPsPrP°C''C, CH₃CfC_μ
PrPs PeC-P»CH₃PePsCfC, C- PīPsPrC-PN₂ Cr PePsPjP±C-PSPsPIP°PSC-PN₂ PeC-PSC†P_μPIC-PN₂
C, PsC±C†C-.

P₇P°CfC, PsC, P° PīPsPrC-PN₂ б₇'' C†P_μ PeC-P»CH₃PeC-CfC, CH₃ PīP°C†C-C''PSC, C-PI, Cr
C_μPePëC... P±CrP»P° P·P°C,, C-PeCfC₇PsPIP°PSP° PIC-PrPīPsPIC-PrPSP° PīPsPrC-C_μ, PSP° 100
PīP°C†C-C''PSC, Ps-C₇PsPeC-PI CfPīPsCfC, P_μC₇P_μP₇PSPSC_μ.

P''P°PSC- C%₀₀PsPrPs CfP_μC₇C†P_μPIPs-CfC₇PrPëPSPSPsC— CfPjP_μC₇C, C-,
PīC₇P_μPrCfC, P°PIP»P_μPSPsC— C, CrC, C_μPe PePsPjPīPsPSP_μPSC, PīP_μC₇PIPëPSPSPsC—
PeC-PSC†P_μPIPsC— C, PsC±PePë, C, P°PePsP₇ P°PSP°P»C-P·CrPIP°P»Pë P·
C,, PsC₇PjP°P»CH₃PSPëPj PePsPSC, C₇PsP»P_μPj PīPsPjPëP»PsPe I C, PëPīC₇ C_μPe
PIC, PsC₇PëPSPSC₇ PeC-PSC†P_μPIC₇ C, PsC±PeC₇.

P''P°PīP°PiP»C-C,, P»PsP·PëPS PīP_μC₇P_μPIP°P₇PI PīP»P°C†P_μP±Ps Cr P·PjP_μPSC€P_μPSPSC-
P·P°PiP°P»CH₃PSPsC— PeC-P»CH₃PePsCfC, C- PīPsPrC-PN₂, PīPsPIб₇™ C_μP·P°PSPëC... C-P·
CfP_μC₇C†P_μPIPsC₇ PSP_μPrPsCfC, P° C, PSC-CfC, C₇ (PIPëP·PSP°C±P_μPSPëC... C_μPe PīP_μC₇C€P°
C, P° PīPsPIC, PsC₇PSP° PīPsCfPīC-C, P°P»C-P·P°C†C-C— P· PīC₇PëPIPsPrCr CfP_μC₇C†P_μPIPsC—
PSP_μPrPsCfC, P° C, PSPsCfC, C- P°P±Ps C, P_μC₇PjC-PSPsPIP_μ P·PIP_μC₇PSP_μPSPSC_μ P·P°
PjP_μPrPëC±PSPsC₇ PrPsPīPsPjPsPiPsC₇ C†P_μC₇P_μP· CfP_μC₇C†P_μPIC₇
PSP_μPrPsCfC, P° C, PSC-CfC, CH₃), C, P° CfP_μC₇C†P_μPIPs-CfC₇PrPëPSPSPsC— CfPjP_μC₇C, C-. Pj
PīC₇C₇PīC- PrP°PīP°PiP»C-C,, P»PsP·PëPSC₇ P±C₇P»Ps P·P°C,, C-PeCfC₇PsPIP°PSPs 815 C, P°PePëC...
PīPsPrC-PN₂, P° Cr PīC₇C₇PīC- PīP»P°C†P_μP±Ps б₇'' 1057 (PIC-PrPSPsC€P_μPSPSC_μ
C₇PëP·PëPeC-PI 0,77 [95 % P''P† 0,67, 0,89]; p = 0,0003).

P₇PsC₇PëCfC, CH₃ PIC-Pr P»C-PeC₇PIP°PSPSC_μ PrP°PīP°PiP»C-C,, P»PsP·PëPSPsPj C%₀₀PsPrPs
PIPīP»PëPIC₇ PSP° PīP_μC₇PIPëPSPSC₇ PeC-PSC†P_μPIC₇ C, PsC±PeC₇ B Cr
PīPsC₇C-PIPSC_μPSPSC- P· PīP»P°C†P_μP±Ps CfPīPsCfC, P_μC₇C-PiP°P»P°CfC_μ PI
PīC-PrPīC₇C₇PīP°C... PīP°C†C-C''PSC, C-PI C-P· PαP'P»Pë ≤ 49 %, 50б₇''59 % C, P° ≥ 60 %.
P·C,, P_μPeC, Pë PI C-PSC€PëC... PeP»C₇C±PsPIPëC... PīC-PrPīC₇C₇PīP°C...,
PeP°C, P_μPiPsC₇PëP·PsPIP°PSPëC..., PSP°PīC₇PëPeP»P°Pr, P·P° PIC-PePsPj, CfC, P° C, C, C₇,
PeP»P°CfC₇Pj NYHA, C₇C-PIPSP_μPj NT-proBNP, PSP°C_μPIPSC-CfC, C₇ C±Pë
PIC-PrCfC₇C, PSC-CfC, C₇ PīC-PrPīPsCfC, C₇PsPiPs CfC, P°PSC₇, P° C, P°PePsP₇
PSP°C_μPIPSC-CfC, C₇ C±Pë PIC-PrCfC₇C, PSC-CfC, C₇ C†C₇PeC₇PsPiPsPiPs PrC-P°P±P_μC, Cr 2-
PiPs C, PëPīC₇, C, P°PePsP₇ P±C₇P»Pë PīPsCfP»C-PrPsPIPSPëPjPë.

*P P_μP·C±P»CH₃C, P° C, Pë P»C-PeC±PIP°PSPSC_μ, PīPsPIC-PrPsPjP»P_μPSC- PīP°C†C-C''PSC, PsPj, б₇''
CfPëPjPiC, PsPjPë CfP_μC₇C†P_μPIPsC— PSP_μPrPsCfC, P° C, PSPsCfC, C-*

Pj PīPsC₇C-PIPSC_μPSPSC- P· PīP»P°C†P_μP±Ps, P»C-PeC₇PIP°PSPSC_μ
PrP°PīP°PiP»C-C,, P»PsP·PëPSPsPj PjP°P»Ps CfC, P° C, PëCfC, PëC±PSPs P·PSP°C±C₇C%₀₀Cr
PePsC₇PëCfC, CH₃ P· C, PsC±PePë P·PsC₇C₇ CfPëPjPiC, PsPjC-PI CfP_μC₇C†P_μPIPsC—

PSP_μPrPsCfC,P°C,PSPsCfC,C-, C_μPeP° PIPëP·PSP°C±P°P»P°CfC_μ P·P° P·PjC-PSPsC_μ
P·P°PiP°P»CH_μPSPsC— PsC†C-PSPePë P·P° P_μP°PSP·P°CfCH_μPePëPj
PsPiPëC,CfPIP°P»CH_μPSPëPePsPj PrP»C_μ PiP°C†C-C”PSC,C-PI C-P·
PeP°C_μPrC-PsPjC-PsPiP°C,C-C”C_μ (KCCQ-TSS) C±P_μC_μP_μP· 8 PjC-CfC_μC†C-PI Cf
PiPsC_μC-PIPS_μCfPSPSC- P· PIPëC...C-PrPSPëPj C_μC-PIPS_μPj (PePsP_μC,,C-C†C-C”PSC,
PiP_μC_μP_μPIP°PiPë 1,11 [95 % P”P† 1,03, 1,21]; p = 0,0086). PkP° C_μP_μP·CfP»CH_μC,P°C,Pë
PIPiP»PëPSCfP»Pë C_μPe C±P°CfC,P_μC,P° PIPëPSPëPePSP_μPSPSC_μ, C,P°Pe C-
C,C_μP_μPeC-CfC,CH C†PëPjPiC,PsPjC-PI.

P’ P°PSP°P»C-P·P°C... PIC-PrPiPsPIC-PrP_μPN₂ C_μP_μCfPiPsPSP_μPSC,C-PI C±P°CfC,PeP°
PiP°C†C-C”PSC,C-PI, Cf C_μPePëC... C±P_μC_μP_μP· 8 PjC-CfC_μC†C-PI
CfPiPsCfC,P_μC_μC-PiP°P»PsCfC_μ PiPsPjC-C_μPSP_μ (≥ 5 P±P°P»C-PI) P°P±Ps P·PSP°C±PSP_μ (≥
14 P±P°P»C-PI) PiPsPiC-C_μC_μPeP_μPSPSC_μ PsC†C-PSPePë KCCQ-TSS Cf PiPsC_μC-PIPS_μCfPSPSC-
P· PIPëC...C-PrPSPëPj C_μC-PIPS_μPj, P±CfP»P° PSPëP_μC±PsC_μ PI PiC_μCfPiC-
P»C-PeCfPIP°PSPSC_μ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj; Cf 24,1 % PiP°C†C-C”PSC,C-PI, C_μPeC-
PsC,C_μPëPjCfPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS, C,P° 29,1 % PiP°C†C-C”PSC,C-PI, C_μPeC-
PsC,C_μPëPjCfPIP°P»Pë PiP»P°C†P_μP±Ps, PIC-PrP·PSP°C±P°P»PsCfC_μ PiPsPjC-C_μPSP_μ
PiPsPiC-C_μC_μPeP_μPSPSC_μ (PIC-PrPSPsC_μPeP_μPSPSC_μ C_μPeP°PSCfC-PI 0,78 [95 % P”P† 0,64, 0,95]).
P’PsPrPSPsC±P°Cf Cf 13,5 % PiP°C†C-C”PSC,C-PI PiC_μCfPiPë PrP°PiP°PiP»C-C,,P»PsP·PëPSCf
C,P° 18,4 % PiP°C†C-C”PSC,C-PI PiC_μCfPiPë PiP»P°C†P_μP±Ps CfPiPsCfC,P_μC_μC-PiP°P»PsCfC_μ
P·PSP°C±PSP_μ PiPsPiC-C_μC_μPeP_μPSPSC_μ (PIC-PrPSPsC_μPeP_μPSPSC_μ C_μPeP°PSCfC-PI 0,70 [95 % P”P†
0,55, 0,88]). P_μP°CfC,PePë PiP°C†C-C”PSC,C-PI P· PSP_μP·PSP°C±PSPëPj P°P±Ps
PiPsPjC-C_μPSPëPj PiPsP»C-PiC_μPeP_μPSPSC_μPj (≥ 13 P±P°P»C-PI) P°P±Ps P·PSP°C±PSPëPj
PiPsP»C-PiC_μPeP_μPSPSC_μPj (≥ 17 P±P°P»C-PI) Cf PiC_μCfPiP°C... PrPsCfP»C-PrP_μPSPSC_μ PSP_μ
PIC-PrC_μC-P·PSC_μP»PëCfC_μ.

*PŸP_μC_μC†P_μPIP° PSP_μPrPsCfC,P°C,PSC-CfC,CH Cž PrPsCfP»C-PrP_μPSPSC_μC... DAPA-HF C-
DELIVER*

P—P° C_μP_μP·CfP»CH_μC,P°C,P°PjPë PsP±b_μ™ C”PrPSP°PSPsPiPs P°PSP°P»C-P·Cf
PrPsCfP»C-PrP_μP_μPSCH DAPA-HF C- DELIVER Cf C_μP°P·C- P·P°CfC,P_μCfCfPIP°PSPSC_μ
PrP°PiP°PiP»C-C,,P»PsP·PëPSCf Cf PiPsC_μC-PIPS_μCfPSPSC- P· PiP»P°C†P_μP±Ps P’P
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†P_μPIPsC— C,P_μC±PePë CfP_μC_μC†P_μPIPs-
CfCfPrPëPSPSPsC— CfPjP_μC_μC-, PiPsCfPiC-C,P°P»C-P·P°C†C-C— P· PiC_μPëPiPsPrCf
CfP_μC_μC†P_μPIPsC— PSP_μPrPsCfC,P°C,PSPsCfC,C- P°P±Ps C,P_μC_μPjC-PSPsPiPsPiPs
P·PIP_μC_μPSP_μPSPSC_μ P·P° PjP_μPrPëC±PSPsC_μ PrPsPiPsPjPsPiPsC_μ C±P_μC_μP_μP·
CfP_μC_μC†P_μPICr PSP_μPrPsCfC,P°C,PSC-CfC,CH C†C,P°PSPsPiPëP»Ps 0,78 (95 % P”P† 0,72,
0,85), p < 0,0001. P·C,,P_μPeC, P»C-PeCfPIP°PSPSC_μ P±CfPI PiPsCfP»C-PrPsPiPSPëPj Cf
PICfCH_μPsPjCf PrC-P°PiP°P·PsPSC- P±P’P·Pë P±P_μP· PiPsCfP»P°P±P»P_μPSPSC_μ P_μC,,P_μPeC,Cf
P·P°P»P_μP_μPSPs PIC-Pr P±P’P·Pë.

P—PiC-PrPSPs P· C_μP_μP·CfP»CH_μC,P°C,P°PjPë PiPsPiP_μC_μP_μPrPSCH_μPs PIPëP·PSP°C±P_μPSPsPiPs
PsP±b_μ™ C”PrPSP°PSPsPiPs P°PSP°P»C-P·Cf PrPsCfP»C-PrP_μP_μPSCH DAPA-HF C- DELIVER
PrP°PiP°PiP»C-C,,P»PsP·PëPS, Cf PiPsC_μC-PIPS_μCfPSPSC- P· PiP»P°C†P_μP±Ps, P·PSPëP_μCfPIP°PI
C_μPëP·PëPe CfP_μC_μC†P_μPIPs-CfCfPrPëPSPSPsC— CfPjP_μC_μC- (P’P 0,85 [95 % P”P† 0,75,
0,96], p = 0,0115). PhP±PëPrPIP° PrPsCfP»C-PrP_μPSPSC_μ P·C_μPsP±PëP»Pë PIPSP_μCfPsPe Cf

PIPëP·PSP°C†PµPSPSCŬ PµC,,PµPeC,PëPIPSPsCŦC,C-.

PIŦCŦPsPSC-C†PSP° C...PIPsCŦPsP±P° PSPëCŦPsPe

P°PscŦP»C-PrP¶PµPSPSCŬ PIPiP»PëPICr PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PSP° PSPëCŦPePë C,P°
PSP° CŦPjPµCŦC,PSC-CŦC,CŦ C†PµCŦPµP· CŦPµCŦC†PµPIPs-CŦCŦPrPëPSPSC-
P·P°C...PIPsCŦCŦPIP°PSPSCŬ PI PïP°C†C-C°PSC,C-PI C-P· C...CŦPsPSC-C†PSPsCŦ
C...PIPsCŦPsP±PsCŦ PSPëCŦPsPe (DAPA-CKD) P±CŦP»Ps PjC-P¶PSP°CŦPsPrPSPëPj,
P±P°PiP°C,PsC†PµPSC,CŦPsPIPëPj, CŦP°PSPrPsPjC-P·PsPIP°PSPëPj, PïPsPrPIC-PNëPSPs
CŦP»C-PïPëPj, PïP»P°C†PµP±PsPePsPSC,CŦPsP»CŦPsPIP°PSPëPj PrPsCŦP»C-PrP¶PµPSPSCŬPj
P·P° CŦC†P°CŦC,CŦ PïP°C†C-C°PSC,C-PI P· C...CŦPsPSC-C†PSPsCŦ C...PIPsCŦPsP±PsCŦ
PSPëCŦPsPe (PIŦPIŦK) P· CŦPëPŦPα PIC-Pr ≥ 25 PrPs ≤ 75 PjP»/C...PI/1,73 Pj² C,P°
P°P»CŦP±CŦPjC-PSCŦCŦC-C°CŦ (UACR PIC-Pr ≥ 200 PrPs ≤ 5000 PjPi/Pi), PjPµC,PsCŦ
CŬPePsPiPs P±CŦP»Ps PIPëP·PSP°C†PµPSPSCŬ PIPiP»PëPICr PrP°PïP°PiP»C-C,,P»PsP·PëPSCr CŦ
PïPsCŦC-PIPsCŬPSPSC- P· PïP»P°C†PµP±Ps PïCŦPë PrPsPrP°PIP°PSPSC- PNëPsPiPs PrPs
CŦC,P°PSPrP°CŦC,PSPsPiPs P»C-PeCŦPIP°PSPSCŬ PSP° C†P°CŦC,PsC,CŦ
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë BŦ” CŦC,C-PNëPePsPiPs
P·PSPëP¶PµPSPSCŬ CŦPëPŦPα PSP° ≥ 50 %, C,PµCŦPjC-PSP°P»CŦPSPsC— CŦC,P°PrC-C—
PSPëCŦPePsPiPsC— PSPµPrPsCŦC,P°C,PSPsCŦC,C- (PŦPŦKŦK) (PIPëP·PSP°C†P°C,C,CŦCŦCŬ
CŬPe CŦC,C-PNëPeP° CŦPëPŦPα < 15 PjP»/C...PI/1,73 Pj², P»C-PeCŦPIP°PSPSCŬ
C...CŦPsPSC-C†PSPëPj PrC-P°P»C-P·PsPj P°P±Ps C,CŦP°PSCŦPïP»P°PSC,P°C†C-CŬ
PSPëCŦPePë), CŦPjPµCŦC,C- C†PµCŦPµP· CŦPµCŦC†PµPIPs-CŦCŦPrPëPSPSC- P°P±Ps
PSPëCŦPePsPIC- P·P°C...PIPsCŦCŦPIP°PSPSCŬ.

P†P· 4304 CŦC†P°CŦPSPëPeC-PI PrPsCŦP»C-PrP¶PµPSPSCŬ 2 152 PïP°C†C-C°PSC,Pë P±CŦP»Pë
CŦP°PSPrPsPjC-P·PsPIP°PSC- PrPs PïCŦCŦPïPë P·P°CŦC,PsCŦCŦPIP°PSPSCŬ 10 PjPi
PrP°PïP°PiP»C-C,,P»PsP·PëPSCr C- 2 152 BŦ” PrPs PïCŦCŦPïPë PïP»P°C†PµP±Ps, PjPµPrC-P°PSP°
CŦPiPsCŦC,PµCŦPµP¶PµPSPSCŬ CŦC,P°PSPsPIPëP»P° 28,5 PjC-CŦCŬC†CŬ.
P»C-PeCŦPIP°PSPSCŬ C,CŦPëPIP°P»Ps, CŬPeC%Ps CŦC-PIPsCŦ CŦPëPŦPα
P·PSPëP¶CŦPIP°PICŦCŬ PSPëP¶C†Pµ 25 PjP»/C...PI/1,73 Pj² PïCŦPsC,CŬPiPsPj
PrPsCŦP»C-PrP¶PµPSPSCŬ, C,P° PjPsPiP»Ps C,CŦPëPIP°C,Pë CŦ CŦP°P·C-
PIPëPSPëPePSPµPSPSCŬ PïPsC,CŦPµP±Pë CŦ PrC-P°P»C-P·C-.

PŦPµCŦPµPrPSC-PNë PIC-Pe PrPsCŦP»C-PrP¶CŦPIP°PSPsC— PïPsPïCŦP»CŬC†C-C—
CŦC,P°PSPsPIPëPI 61,8 CŦPsPeCŦ, 66,9 % CŦC†P°CŦPSPëPeC-PI PrPsCŦP»C-PrP¶PµPSPSCŬ
P±CŦP»Pë C†PsP»PsPIC-PeP°PjPë. PkP° PIPëC...C-PrPSPsPjCŦ CŦC-PIPsC- CŦPµCŦPµPrPSC”
P·PSP°C†PµPSPSCŬ CŦPëPŦPα CŦC,P°PSPsPIPëP»Ps 43,1 PjP»/C...PI/1,73 Pj², P° PjPµPrC-P°PSP°
UACR CŦC,P°PSPsPIPëP»P° 949,3 PjPi/Pi, CŦ 44,1% PïP°C†C-C°PSC,C-PI
PIC-PrP·PSP°C†P°P»P°CŦCŬ CŦPëPŦPα PIC-Pr 30 PrPs < 45 PjP»/C...PI/1,73 Pj², P° CŦ 14,5 %
CŦPëPŦPα CŦC,P°PSPsPIPëP»P° < 30 PjP»/C...PI/1,73 Pj². Pj 67,5 % PïP°C†C-C°PSC,C-PI P±CŦPI
C†CŦPeCŦPsPIPëPNë PrC-P°P±PµC, 2 C,PëPïCŦ. PµP°C†C-C°PSC,Pë PsC,CŦPëPjCŦPIP°P»Pë
CŦC,P°PSPrP°CŦC,PSPµ P»C-PeCŦPIP°PSPSCŬ; 97,0 % PïP°C†C-C°PSC,C-PI
PsC,CŦPëPjCŦPIP°P»Pë P»C-PeCŦPIP°PSPSCŬ C-PSPiC-P±C-C,PsCŦPsPj
P°PSPiC-PsC,PµPSP·PëPSPiPµCŦPµC,PIPsCŦCŦCŦC†PsPiPs C,,PµCŦPjPµPSC,CŦ (C-PŦPµPα)
P°P±Ps P±P»PsPeP°C,PsCŦPsPj CŦPµC†PµPïC,PsCŦC-PI P°PSPiC-PsC,PµPSP·PëPSCr (P°P PŦ).

P"PsCfP»C-PrP¶PµPSPSC¶ P±CfP»Ps PiC¶PëPiPëPSPµPSPs PrPsCfC,C¶PsPePsPIPs PrP»C¶
 PsC†C-PSPePë PµC,,PµPeC,PëPIPSPsCfC,C- PrPs P·P°PiP»P°PSPsPIP°PSPsPiPs P°PSP°P»C-P·Cf
 PSP° PiC-PrCfC,P°PIC- C¶PµPePsPjPµPSPPrP°C†C-C— PSPµP·P°P»PµP¶PSPsPiPs
 PePsPjC-C,PµC,Cf P· PjPsPSC-C,PSc¶PëPSPiCf PrP°PSPëC.... P"°P°PiP°PiP»C-C,,P»PsP·PëPS
 PiPµC¶PµPIPµC¶CëCfPIP°PI PiP»P°C†PµP±Ps C%PsPrPs PiPsPiPµC¶PµPrP¶PµPSPSC¶
 PiPµC¶PIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PSc†PePë B¶"
 CfC,C-PNëPePsPiPs P·PSPëP¶PµPSPSC¶ C¶PëP¶Pα PSP° ≥ 50 %, PrPsCfC¶PiPSPµPSPSC¶
 C,PµC¶PjC-PSP°P»CHPSPsC— CfC,P°PrC-C— PSPëC¶PePsPIPsC—
 PSPµPrPsCfC,P°C,PSPsCfC,C-, CfPjPµC¶C,C- C†PµC¶PµP· PSPëC¶PePsPIC- P°P±Ps
 CfPµC¶C†PµPIPs-CfCfPrPëPSPSC- P·P°C...PIPsC¶C¶PIP°PSPSC¶. P—PiC-PrPSPs P·
 PiC¶P°C,,C-PePsPj P¶P°PiP»P°PSP° B¶" P¶PµPNëC"C¶P° C†P°CfCf PrPs PiPµC¶CëPsPiPs
 PIPëPSPëPePSPµPSPSC¶ PiPµC¶PIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC—
 PeC-PSC†PµPIPsC— C,PSc†PePë PµC,,PµPeC, P»C-PeCfPIP°PSPSC¶ PsC†PµPIPëPrPSPëPNë P· 4
 PjC-CfC¶C†C-PI C,P° P·P±PµC¶C-PiP°PICfC¶ PrPs PeC-PSC†C¶ PrPsCfP»C-PrP¶PµPSPSC¶
 (C¶PëCfCfPSPsPe 5).

P PëCfCzPSPsPe 5. P¶P°Cf PrPs PiPµC¶CëPsPiPs PIPëPSPëPePSPµPSPSC¶ PiPµC¶PIPëPSPSPsC—
 PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PSc†PePë B¶" CfC,C-PNëPePsPiPs
 P·PSPëP¶PµPSPSC¶ C¶PëP¶Pα PSP° ≥ 50 %, C¶PsP·PIPëC,PeCf C,PµC¶PjC-PSP°P»CHPSPsC—
 CfC,P°PrC-C— PSPëC¶PePsPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C-, CfPjPµC¶C,C- C†PµC¶PµP·
 PSPëC¶PePsPIC- P°P±Ps CfPµC¶C†PµPIPs-CfCfPrPëPSPSC- P·P°C...PIPsC¶C¶PIP°PSPSC¶

PµP°C†C-C"PSC,Pë PiC¶CfPiPë C¶PëP·PëPeCf B¶" C†Pµ PeC-P»CHPeC-CfC,CH
 PiP°C†C-C"PSC,C-PI, C¶PeC- PiPµC¶PµP±CfPIP°C¶C,CH Cf PiC¶CfPiC- C¶PëP·PëPeCf PSP°
 PiPsC†P°C,PeCf PiPµC¶C-PsPrCf PrPsCfP»C-PrP¶PµPSPSC¶.

PJCfC- C†PsC,PëC¶Pë PePsPjPiPsPSPµPSC,Pë PiPµC¶PIPëPSPSPsC—
 PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PSc†PePë PsPeC¶PµPjPs CfPiC¶PëC¶P»Pë
 PµC,,PµPeC,Cf P»C-PeCfPIP°PSPSC¶. P"°P°PiP°PiP»C-C,,P»PsP·PëPS C,P°PePsP¶
 P·PSPëP¶CfPIP°PI C¶PëP·PëPe PiPsPrC-PNë PeC-PSC†PµPIPsC— C,PSc†PePë B¶"
 CfC,C-PNëPePsPiPs P·PSPëP¶PµPSPSC¶ C¶PëP¶Pα PSP° ≥ 50 %, C,PµC¶PjC-PSP°P»CHPSPsC—
 CfC,P°PrC-C— PSPëC¶PePsPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps CfPjPµC¶C,C-
 C†PµC¶PµP· PSPëC¶PePsPIC- P·P°C...PIPsC¶C¶PIP°PSPSC¶ C,P° PePsPjP±C-PSPsPIP°PSPsC—
 PeC-PSC†PµPIPsC— C,PSc†PePë B¶" CfPjPµC¶C,C- C†PµC¶PµP· CfPµC¶C†PµPIPs-
 CfCfPrPëPSPSC- P·P°C...PIPsC¶C¶PIP°PSPSC¶ C,P° PiPsCfPiC-C,P°P»C-P·P°C†C-C— P·
 PiC¶PëPIPsPrCf CfPµC¶C†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C-. P»C-PeCfPIP°PSPSC¶
 PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj PiPsPeC¶P°C%PëP»Ps P·P°PiP°P»CHPSCf
 PIPëP¶PiP°PSC-CfC,CH Cf PiP°C†C-C"PSC,C-PI C-P· C...C¶PsPSC-C†PSPsC¶
 C...PIPsC¶PsP±PsC¶ PSPëC¶PsPe P· PrPsCfC,PsPIC-C¶PSPëPj P·PSPëP¶PµPSPSC¶Pj
 C†P°CfC,PsC,Pë CfPjPµC¶C,C- P· P±CfPrCH-C¶PePsC— PiC¶PëC†PëPSPë (C¶PëCfCfPSPsPe 6).

P PëCÍCžPSPsPe 6. P•C,,PµPeC,Pë P»C-PeCÍPIP°PSPSCÍ P·P° PïPµCĤPIPëPSPSPëPjPë C,P° PIC,PsCĤPëPSPSPëPjPë PePsPjP±C-PSPsPIP°PSPëPjPë PeC-PSC†PµPIPëPjPë C,PsC†PeP°PjPë, C—C...PSC-PjPë PsPeCĤPµPjPëPjPë PePsPjPïPsPSPµPSC,P°PjPë C,P° CÍPjPµCĤC,PSC-CÍC,CĤ P· P±CÍPrCH-CÍPePsC— PïCĤPëC†PëPSPë

PĤC-P»CHPeC-CÍC,CĤ PïPµCĤCëPëC... PïPsPrC-PNë PrP»CÍ PsPeCĤPµPjPëC... PePsPjPïPsPSPµPSC,C-PI C" C,,P°PeC,PëC†PSPsCĤ PeC-P»CHPeC-CÍC,CĤ PïPµCĤCëPëC... PïPsPrC-PNë PrP»CÍ PePsP¶PSPsPiPs PePsPjPïPsPSPµPSC,P° C- PSPµ PrPsPrP°C"C,CHCÍCÍ PrPs PeC-P»CHPePsCÍC,C- PïPsPrC-PNë CÍ PePsPjP±C-PSPsPIP°PSC-PNë PeC-PSC†PµPIC-PNë C,PsC†C†C-.

P§P°CÍC,PsC,P° PïPsPrC-PNë PïCĤPµPrCÍC,P°PIP»PµPSP° CÍPe PIC-PrPSPsCëPµPSPSCÍ PeC-P»CHPePsCÍC,C- CÍC†P°CÍPSPëPeC-PI P· CÍPIPëC%P°PjPë PrPs 100 PïP°C†C-C"PSC,Ps- CĤPsPeC-PI CÍPïPsCÍC,PµCĤPµP¶PµPSPSCÍ.

PĤC†C-PSPePë PIC-PrPSPsCëPµPSPSCÍ CĤPëP·PëPeC-PI PSPµ PïCĤPµPrCÍC,P°PIP»PµPSC- PrP»CÍ PïC-PrPïCĤCÍPï C-P· P·P°PïP°P»CHPSPsCĤ PeC-P»CHPeC-CÍC,CĤ PïPsPrC-PNë PjPµPSCëPµ PSC-P¶ 15 PI PsP±PsC... PïCĤCÍPïP°C....

PµPµCĤPµPIP°PïPë P»C-PeCÍPIP°PSPSCÍ PrP°PïP°PïP»C-C,,P»PsP·PëPSPsPj CÍ PïP°C†C-C"PSC,C-PI C-P· C...CĤPsPSC-C†PSPsCĤ C...PIPsCĤPsP±PsCĤ PSPëCĤPsPe C-P· C†CÍPeCĤPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPïCÍ PIC-PrPïPsPIC-PrP°P»Pë C,P°PePëPj CÍ PïP°C†C-C"PSC,C-PI P±PµP· C†CÍPeCĤPsPIPsPiPs PrC-P°P±PµC,CÍ. P"°PïP°PïP»C-C,,P»PsP·PëPS P·PSPëP¶CÍPIP°PI PïPµCĤPIPëPSPSCÍ PePsPjP±C-PSPsPIP°PSCÍ PeC-PSC†PµPICÍ C,PsC†PeCÍ BĤ" CÍC,C-PNëPePµ P·PSPëP¶PµPSPSCÍ CĤPëPĤPµPSP° ≥ 50 %, PrPsCÍCÍPïPSPµPSPSCÍ C,PµCĤPjC-PSP°P»CHPSPsC— CÍC,P°PrC-C— PSPëCĤPePsPIPsC— PSPµPrPsCÍC,P°C,PSPsCÍC,C-, CÍPjPµCĤC,CĤ C†PµCĤPµP· PSPëCĤPePsPIC- P°P±Ps CÍPµCĤC†PµPIPs-CÍCÍPrPëPSPSC- P·P°C...PIPsCĤCĤPIP°PSPSCÍ BĤ" P· P'P 0,64 (95 % P"P† 0,52; 0,79) CÍ PïP°C†C-C"PSC,C-PI P· C†CÍPeCĤPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPïCÍ C,P° 0,50 (95 % P"P† 0,35; 0,72) CÍ PïP°C†C-C"PSC,C-PI P±PµP· C†CÍPeCĤPsPIPsPiPs PrC-P°P±PµC,CÍ.

PµPµCĤPµPIP°PïPë P»C-PeCÍPIP°PSPSCÍ PrP°PïP°PïP»C-C,,P»PsP·PëPSPsPj PSP°Pr PïP»P°C†PµP±Ps C%PsPrPs PïPµCĤPIPëPSPSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë C,P°PePsP¶ P±CÍP»Pë PïPsCÍP»C-PrPsPIPSPëPjPë PI C-PSCëPëC... PeP»CĤC†PsPIPëC... PïC-PrPïCĤCÍPïP°C..., P·PsPeCĤPµPjP° CÍ PïC-PrPïCĤCÍPïP°C... P·P° CĤPëPĤPµPµ, PIC-PePsPj, CÍC,P°C,C,CĤ C,P° CĤPµPiC-PsPSPsPj.

P'ĆŦPjPsPεC,CŦPIP°PSPSCŦ

$P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$ $C\epsilon PIP\ddot{e}PrPePs$ $C-PrPsP \pm C\dot{H}P_{\mu}$ $PIC\dot{I}P_jPsPeC, C\dot{r}PIP^{\circ}PIC\dot{I}C\dot{I}$
 $P\ddot{I}C-C\dot{I}P \gg C\dot{I} P_iP_{\mu}C\dot{H}PsC\dot{H}P^{\circ}P \gg CH\dot{P}SPsPiPs$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$.
 $P_{\dot{H}}P^{\circ}PeC\dot{I}P\ddot{e}P_jP^{\circ}P \gg CH\dot{P}SC- PePsPSC\dot{I}P_{\mu}PSC, C\dot{H}P^{\circ}C\dot{I}C-C- PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r} PI$
 $P_iP^{\circ}P^{\circ}P \cdot P_jC- PeC\dot{H}PsPIC- (C_{max}) P \cdot PIP\ddot{e}C\dot{I}P^{\circ}PN\dot{e}PSPs$ $PrPsC\dot{I}C\dot{I}P_iP^{\circ}P \gg P\ddot{e}C\dot{I}C\dot{I} P\ddot{I}C\dot{H}PsC, C\dot{I}P_iPsP_j$ 2
 $PiPsPrP\ddot{e}PS$ $P\ddot{I}C-C\dot{I}P \gg C\dot{I} P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$ $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$
 $PSP^{\circ}C, C\%_{\mu}P_{\mu}$. $P\ddot{Y}P_{\mu}C\dot{H}P_{\mu}PrPSC- PiP_{\mu}PsP_jP_{\mu}C, C\dot{H}P\ddot{e}C\dot{I}PSC- P \cdot PSP^{\circ}C\dot{I}P_{\mu}PSPSC\dot{I}$ C_{max} $C- AUC_{\tau}$
 $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r} P\ddot{I}C\dot{H}P\ddot{e} PrPsC\dot{I}C\dot{I}P_iPSP_{\mu}PSPSC- C\dot{H}C-PIPSPsPIP^{\circ}P\dot{I}PSPsC-$
 $PePsPSC\dot{I}P_{\mu}PSC, C\dot{H}P^{\circ}C\dot{I}C-C- P\ddot{I}C-C\dot{I}P \gg C\dot{I} P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$
 $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r} PI$ $PrPsP \cdot P^{\circ}C... 10$ P_jPi $PsPrP\ddot{e}PS$ $C\dot{H}P^{\circ}P \cdot PSP^{\circ}$ $PrPsP \pm C\dot{r}$
 $C\dot{I}C, P^{\circ}PSPsPIP\ddot{e}P \gg P\ddot{e}$ 158 $PSPi/P_jP \gg C- 628$ $PSPi$ $PiPsPr/P_jP \gg PIC-PrP\ddot{I}PsPIC-PrPSPs$.
 $P_{\dot{H}}P \pm C\dot{I}PsP \gg C\dot{H}C, PSP^{\circ}$ $P \pm C-PsPrPsC\dot{I}C, C\dot{r}P\ddot{I}PSC-C\dot{I}C, CH$ $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$
 $P\ddot{I}C-C\dot{I}P \gg C\dot{I} P_iP_{\mu}C\dot{H}PsC\dot{H}P^{\circ}P \gg CH\dot{P}SPsPiPs$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$
 $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$ $C\dot{r}$ $PrPsP \cdot C- 10$ P_jPi $C\dot{I}C, P^{\circ}PSPsPIP\ddot{e}C, CH$ 78% .
 $P-P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$ B $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$ $P \cdot C-P\dot{I}P_{\mu}CH \cdot$
 $PIP\ddot{e}C\dot{I}PsPeP\ddot{e}P_j$ $PIP_jC-C\dot{I}C, PsP_j$ $P\dot{I}P\ddot{e}C\dot{H}C-PI$ $P \cdot PSP\ddot{e}P\dot{I}C\dot{r}PIP^{\circ}P \gg Ps$ C_{max}
 $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ PSP° 50% $C- P\ddot{I}PsPrPsPIP\dot{I}C\dot{r}PIP^{\circ}P \gg Ps$ $P\ddot{I}PsPeP^{\circ}P \cdot PSP\ddot{e}Pe$ T_{max}
 $P\ddot{I}C\dot{H}P\ddot{e}P \pm P \gg P\ddot{e}P \cdot PSPs$ PSP° 1 $PiPsPrP\ddot{e}PSC\dot{r}$, $P^{\circ}P \gg P_{\mu}$ PSP_{μ} $P \cdot P_jC-PSC\dot{H}PIP^{\circ}P \gg Ps$ $P\ddot{I}PsPeP^{\circ}P \cdot PSP\ddot{e}Pe$
 AUC $P\ddot{I}PsC\dot{H}C-PIPSC\dot{I}PSPs$ $P \cdot P\ddot{I}C\dot{H}P\ddot{e}PN\dot{e}PsP_jPsP_j$ $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$
 $PSP^{\circ}C, C\%_{\mu}P_{\mu}$. $P\dot{I}C- P \cdot P_jC-PSP\ddot{e}$ PSP_{μ} $PIPIP^{\circ}P\dot{I}P^{\circ}C\dot{H}C, CHC\dot{I}C\dot{I}$ $PeP \gg C-PSC-C\dot{I}PSPs$
 $P \cdot PSP^{\circ}C\dot{I}C\dot{r}C\%_{\mu}P\ddot{e}P_jP\ddot{e}$. $P\ddot{Y}P^{\circ}PeP\ddot{e}P_j$ $C\dot{I}P\ddot{e}PSPsP_j$, $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}eP\ddot{e}PN\dot{e}$ $P \cdot P^{\circ}C\dot{I}C-P \pm$
 $P\alpha PsC\dot{H}PeC\dot{I}C-PiP^{\circ}$ $P_jPsP\dot{I}PSP^{\circ}$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC\dot{r}PIP^{\circ}C, P\ddot{e}$ $PSP_{\mu}P \cdot P^{\circ}P \gg P_{\mu}P\dot{I}PSPs$ $PIC-Pr$
 $P\ddot{I}C\dot{H}P\ddot{e}PN\dot{e}PsP_jC\dot{r}$ $C-P\dot{I}C-$.

P $PsP \cdot P\ddot{I}PsPrC-P \gg$

$P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$ $P \cdot P\dot{I}b\dot{H}^{\text{TM}}$ $C\dot{I}P \cdot C\dot{r}C''C, CHC\dot{I}C\dot{I}$ $P \cdot P \pm C-P \gg PeP^{\circ}P_jP\ddot{e}$
 $P\ddot{I}C\dot{H}P\ddot{e}P \pm P \gg P\ddot{e}P \cdot PSPs$ PSP° 91% . $P_{\dot{I}b\dot{H}^{\text{TM}}}$ $C\dot{H}C-P \cdot PSP\ddot{e}C... P \cdot P^{\circ}C... PIPsC\dot{H}CHPIP^{\circ}PSPSC\dot{I}C...$
 $P \cdot P\dot{I}b\dot{H}^{\text{TM}}$ $C\dot{I}P \cdot C\dot{r}PIP^{\circ}PSPSC\dot{I}$ $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$ $P \cdot P \pm C-P \gg PeP^{\circ}P_jP\ddot{e}$ PSP_{μ}
 $P \cdot P_jC-PSC\dot{H}PIP^{\circ}P \gg PsC\dot{I}C\dot{I}$ $(PSP^{\circ}P\ddot{I}C\dot{H}P\ddot{e}PeP \gg P^{\circ}Pr$ $P\ddot{I}C\dot{H}P\ddot{e}$ $P\ddot{I}PsC\dot{H}C\dot{r}C\epsilon P_{\mu}PSPSC-$
 $C, C\dot{r}PSPeC\dot{I}C-C- PSP\ddot{e}C\dot{H}PsPe$ $P^{\circ}P \pm Ps$ $P\ddot{I}P_{\mu}C\dot{I}C-PSPeP\ddot{e}$). $P\ddot{Y}P_{\mu}C\dot{H}P_{\mu}PrPSC-PN\dot{e}$ $PsP \pm b\dot{H}^{\text{TM}}$ $C''P_j$
 $C\dot{H}PsP \cdot P\ddot{I}PsPrC-P \gg C\dot{r}$ $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ $P\ddot{I}C\dot{H}P\ddot{e}$ $PrPsC\dot{I}C\dot{I}P_iPSP_{\mu}PSPSC-$
 $C\dot{H}C-PIPSPsPIP^{\circ}P\dot{I}PSPsC- PePsPSC\dot{I}P_{\mu}PSC, C\dot{H}P^{\circ}C\dot{I}C-C- C\dot{I}C, P^{\circ}PSPsPIP\ddot{e}PI$ 118 $P \gg$.

$P'C-PsC, C\dot{H}P^{\circ}PSC\dot{I}C, PsC\dot{H}P_jP^{\circ}C\dot{I}C-C\dot{I}$

$P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$ $C\epsilon P\ddot{e}C\dot{H}PsPePs$ $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-P \cdot C\dot{r}C''C, CHC\dot{I}C\dot{I}$, PI
 $P\ddot{I}P_{\mu}C\dot{H}C\epsilon C\dot{r}$ $C\dot{I}P_{\mu}C\dot{H}PiC\dot{r}$ $P \cdot C\dot{r}C, PIPsC\dot{H}P_{\mu}PSPSC\dot{I}P_j$ $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ $3-O-$
 $PiP \gg CH\dot{P}eC\dot{r}C\dot{H}PsPSC-PrC\dot{r}$, $C\%_{\mu}Ps$ C'' $PSP_{\mu}P^{\circ}PeC, P\ddot{e}PIPSP\ddot{e}P_j$ $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-C, PsP_j$.
 $P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$ $3-O-PiP \gg CH\dot{P}eC\dot{r}C\dot{H}PsPSC-Pr$ $P^{\circ}P \pm Ps$ $C-PSC\epsilon C-$
 $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-C, P\ddot{e}$ PSP_{μ} $P \cdot P^{\circ}P \pm P_{\mu}P \cdot P\ddot{I}P_{\mu}C\dot{I}C\dot{H}C, CH$
 $PiP \gg CH\dot{P}ePsP \cdot PsP \cdot PSP\ddot{e}P\dot{I}C\dot{r}PIP^{\circ}P \gg CH\dot{P}SC\dot{r}$ $PrC-CH$. $P_jC, PIPsC\dot{H}P_{\mu}PSPSC\dot{I}$
 $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ $3-O-PiP \gg CH\dot{P}eC\dot{r}C\dot{H}PsPSC-PrC\dot{r}$ $PsP\ddot{I}PsC\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPePsPIP^{\circ}PSP_{\mu}$
 $UGT1A9$, $C, P_{\mu}C\dot{H}P_jP_{\mu}PSC, PsP_j$ $C\dot{r}$ $P\ddot{I}P_{\mu}C\dot{I}C-PSC\dot{I}C- C, P^{\circ}$ $PSP\ddot{e}C\dot{H}PeP^{\circ}C..., P^{\circ}$
 $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-P \cdot P_j$, $PsP\ddot{I}PsC\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPePsPIP^{\circ}PSP\ddot{e}PN\dot{e}$ CYP , $C\dot{r}$ $P \gg CH\dot{P}PrP_{\mu}PN\dot{e}$ PSP_{μ}
 $PIC-PrC-PiC\dot{H}P^{\circ}PIP^{\circ}PI$ $P \cdot PSP^{\circ}C\dot{I}PSPsC- C\dot{H}PsP \gg C- C\dot{r}$ $PeP \gg C-C\dot{H}P_{\mu}PSC\dot{I}C-$.

P'PëPIPμPrPμPSPSCII

PŸPμCĤPμPrPSC-PNē PeC-PSC†PμPIPëPNē PīPμCĤC-PsPr PSP°PīC-PIPIPëPIPμPrPμPSPSCII P· PīP»P°P·PjPë PeCĤPsPIC- (t_{1/2}) PrP°PīP°PiP»C-C,,P»PsP·PëPSCr Cŕ P·PrPsCĤPsPIPëC... CŕC†P°CĬPSPëPeC-PI PrPsCĬP»C-PrP¶PμPSPSCII CĬC,P°PSPsPIPëPI 12,9 PiPsPrPëPSPë PīC-CĬP»CII PsPrPSPsCĤP°P·PsPIPsPiPs PīPμCĤPsCĤP°P»CHbPSPsPiPs PīCĤPëPNēPsPjCŕ PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP·C- 10 PjPi. PŸPμCĤPμPrPSC-PNē P·P°PīP°P»CHbPSPëPNē CĬPëCĬC,PμPjPSPëPNē PeP»C-CĤPμPSCĬ PrP°PīP°PiP»C-C,,P»PsP·PëPSCr, PIPμPrPμPSPsPiPs PIPSCrC,CĤC-CëPSCbPsPIPμPSPSPs, CĬPeP»P°PrP°PI 207 PjP»/C...PI.

P"°PīP°PiP»C-C,,P»PsP·PëPS C- PīPsPIbĤ™ CII P·P°PSC- P·PSPëPj PjPμC,P°P±PsP»C-C,Pë PI PsCĬPSPsPIPSPsPjCŕ PIPëPIPsPrCII C,CHCĬCII CëP»CII C...PsPj PμPeCĬPeCĤPμC†C-C— C-P· CĬPμC†PμCĤ, PīCĤPëC†PsPjCŕ PjPμPSCëPμ 2 % PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PIPëPIPsPrPëC,CHCĬCII PI PSPμP·PjC-PSPμPSPsPjCŕ PIPëPiP»CII PrC-. PμC-CĬP»CII P·P°CĬC,PsCĬCŕPIP°PSPSCII PrPsP·Pë 50 PjPi [¹⁴PŸ]-PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PIPëPIPsPrPëP»PsCĬCII B 96 % PrPsP·Pë: 75 % bĤ" C-P· CĬPμC†PμCĤ C- 21 % bĤ" P·PeP°P»PsPj. PμCĤPëP±P»PëP·PSPs 15 % PrPsP·Pë PIPëPIPsPrPëP»PsCĬCII P·PeP°P»PsPj Cŕ PSPμP·PjC-PSPμPSPsPjCŕ PIPëPiP»CII PrC-.

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P>C-PSC-PNēPSC-CĬC,CHb

P'PīP»PëPI PrP°PīP°PiP»C-C,,P»PsP·PëPSCr P·P±C-P»CHbCëCŕPIP°PICĬCII PīCĤPsPiPsCĤC†C-PNēPSPs P·P±C-P»CHbCëPμPSPSCĤ PrPsP·Pë PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PI PrC-P°PīP°P·PsPSC- PIC-Pr 0,1 PrPs 500 PjPi, P° PNēPsPiPs C,,P°CĤPjP°PePsPeC-PSPμC,PëPeP° PSPμ P·PjC-PSCĤPIP°P»P°CĬCII P·C†P°CĬPsPj PīCĤPë PiPsPIC,PsCĤPSPsPjCŕ PrPsP±PsPIPsPjCŕ PrPsP·CŕPIP°PSPSC- PīCĤPsC,CII PiPsPj PrPs 24 C,PëP¶PSC-PI.

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PbCĬPsP±P»PëPIC- PīCĤCŕPīPë PīP°C†C-C"PSC,C-PI

PμPsCĤCžCëPμPSPSCII C,,CžPSPeC†C-C— PSPëCĤPsPe

PŸPμCĤPμPrPSCII CĬPëCĬC,PμPjPSP° PμPeCĬPīPsP·PëC†C-CII PrP°PīP°PiP»C-C,,P»PsP·PëPSCr Cŕ CĤC-PIPsPIP°P¶PSPsPjCŕ CĬC,P°PSC- (20 PjPi PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PsPrPëPS CĤP°P·PSP° PrPsP±Cŕ PīCĤPsC,CII PiPsPj 7 PrC-P±) Cŕ PīP°C†C-C"PSC,C-PI C-P· C†CŕPeCĤPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPīCŕ C,P° PīPsCĤCŕCëPμPSPSCII Pj C,,CŕPSPeC†C-C— PSPëCĤPsPe P»PμPiPePsPiPs, CĬPμCĤPμPrPSCbPsPiPs C,P° C,CII P¶PePsPiPs CĬC,CŕPīPμPSC-PI (C%_{oo}Ps PIPëP·PSP°C†P°C,CHCĬCII P·P° PīP»P°P·PjPsPIPëPj PeP»C-CĤPμPSCĬPsPj PNēPsPiPμPeCĬPsP»Cŕ) P±CŕP»P°PSP° 32 %, 60 % C,P° 87 % PIC-PrPīPsPIC-PrPSPs PIPëC%_{oo}Pμ P·P° C,P°PeCŕ Cŕ PīP°C†C-C"PSC,C-PI C-P· C†CŕPeCĤPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPīCŕ P·PSPsCĤPjP°P»CHbPSPsCĤ C,,CŕPSPeC†C-C"CĤ PSPëCĤPsPe. P"PsP±PsPIP° PμPeCĬPeCĤPμC†C-CII PiP»CĤPePsP·Pë C-P· CĬPμC†PμCĤ PīCĤPë CĤC-PIPsPIP°P¶PSC-PNē PePsPSC†PμPSC,CĤP°C†C-C— P»C-PeP°CĤCĬCHbPePsPiPs P·P°CĬPsP±Cŕ P·PSP°C†PSPsCĤ PjC-CĤPsCĤ P·P°P»PμP¶P°P»P° PIC-Pr C,,CŕPSPeC†C-C— PSPëCĤPsPe C- CĬC,P°PSPsPIPëP»P° 85, 52, 18 C,P° 11 Pi PiP»CĤPePsP·Pë PSP° PrPsP±Cŕ Cŕ PīP°C†C-C"PSC,C-PI C-P· C†CŕPeCĤPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPīCŕ C,P° PSPsCĤPjP°P»CHbPSPsCĤ C,,CŕPSPeC†C-C"CĤ PSPëCĤPsPe P°P±Ps P·PīPsCĤCŕCëPμPSPSCII Pj C,,CŕPSPeC†C-C—

PSPëCĤPsPe P»PµPiPePsPiPs, CĤPµCĤPµPrPSCĤPsPiPs P°P±Ps C,CĤP¶PePsPiPs
CĤC,CrPiPµPSCĤ PIC-PrPiPsPIC-PrPSPs. P'PiP»PēPI PiPµPjPsPrC-P°P»C-P.Cr PSP°
PµPeCĤPiPsP·PēC†C-CĤ PrP°PiP°PiP»C-C,,P»PsP·PēPSCr PSPµPIC-PrPsPjPēPN.

P'PiP»PēPI P·PSPëP¶PµPSPsC— PSPëCĤPePsPiPsC— C,,CrPSPeC†C-C— PSP° CĤPēCĤC,PµPjPSCr
PµPeCĤPiPsP·PēC†C-CĤ PsC†C-PSCĤPIP°P»Pē PSP° PiPsPiCrP»CĤC†C-PN₂PSC-PN₂
C,,P°CĤPjP°PePsPeC-PSPµC,PēC†PSC-PN₂ PjPsPrPµP»C-. P'C-PrPiPsPIC-PrPSPs PrPs
PiPsPiPµCĤPµPrPSC-C... CĤPµP·CrP»CHC,P°C,C-PI P·PSP°C†PµPSPSCĤ AUC,
PiCĤPsPiPSPsP·PsPIP°PSPµ PSP° PiC-PrCĤC,P°PIC- P·P°CĤC,PsCĤPsPIP°PSPsC— PjPsPrPµP»C-,
P±CrP»Ps PIPēC%PēPj Cr PiP°C†C-C"PSC,C-PI C-P· C...CĤPsPSC-C†PSPsCĤ
C...PIPSCĤPsP±PsCĤ PSPëCĤPsPe Cr PiPsCĤC-PIPSCĤPSPSC- P· C,P°PePēPj Cr
PiP°C†C-C"PSC,C-PI P· PSPsCĤPjP°P»CHPSPsCĤ C,,CrPSPeC†C-C"CĤ PSPëCĤPsPe, P°
C,P°PePsP¶ CĤCrC,C,C"PIPs PSPµ PIC-PrCĤC-P·PSCĤP»PsCĤCĤ Cr PiP°C†C-C"PSC,C-PI C-P·
C...CĤPsPSC-C†PSPsCĤ C...PIPSCĤPsP±PsCĤ PSPëCĤPsPe C-P· C†CrPeCĤPsPIPēPj
PrC-P°P±PµC,PsPj 2 C,PēPiCr C,P° P±PµP· C†CrPeCĤPsPiPs PrC-P°P±PµC,Cr.

PµPsCĤCžCēPµPSPSCĤ C,,CžPSPeC†C-C— PiPµC†C-PSPePē

Pj PiP°C†C-C"PSC,C-PI P· PiPsCĤCrCēPµPSPSCĤPj C,,CrPSPeC†C-C— PiPµC†C-PSPePē
P»PµPiPePsPiPs P°P±Ps CĤPµCĤPµPrPSCĤPsPiPs CĤC,CrPiPµPSCĤ (PeP»P°CĤ Ph C- PeP»P°CĤ P'
P·P° PeP»P°CĤPēC,,C-PeP°C†C-C"CĤ P§P°PN₂P»PrP°BĤ“PµBĤ™CĤ) CĤPµCĤPµPrPSC-
P·PSP°C†PµPSPSCĤ C_{max} C- AUC PrP°PiP°PiP»C-C,,P»PsP·PēPSCr P±CrP»Pē PIPēC%Pµ PSP° 12 %
C- 36 % PIC-PrPiPsPIC-PrPSPs Cr PiPsCĤC-PIPSCĤPSPSC- P· PIC-PrPiPsPIC-PrPSPēPjPē
PiPsPeP°P·PSPēPeP°PjPē Cr P·PrPsCĤPsPIPēC... CrC†P°CĤPSPēPeC-PI PrPsCĤP»C-PrP¶PµPSPSCĤ
PI PePsPSC,CĤPsP»CHPSC-PN₂ PiCĤCrPiC-. PŷP°PeC- PIC-PrPjC-PSPSPsCĤC,C- PSPµ
PIPIP°P¶P°CĤC,CHCĤCĤ PeP»C-PSC-C†PSPs P·PSP°C†CrC%PēPjPē. Pj PiP°C†C-C"PSC,C-PI P·
PiPsCĤCrCēPµPSPSCĤPj C,,CrPSPeC†C-C— PiPµC†C-PSPePē C,CĤP¶PePsPiPs CĤC,CrPiPµPSCĤ
(PeP»P°CĤ Pŷ P·P° PeP»P°CĤPēC,,C-PeP°C†C-C"CĤ P§P°PN₂P»PrP°BĤ“PµBĤ™CĤ)
CĤPµCĤPµPrPSC- PiPsPeP°P·PSPēPePē C_{max} C- AUC PrP°PiP°PiP»C-C,,P»PsP·PēPSCr P±CrP»Pē
PSP° 40 % C- 67 % PIC-PrPiPsPIC-PrPSPs PIPēC%Pµ PSC-P¶ C,C- P¶ PiPsPeP°P·PSPēPePē Cr
P·PrPsCĤPsPIPēC... CrC†P°CĤPSPēPeC-PI PrPsCĤP»C-PrP¶PµPSPSCĤ PI
PePsPSC,CĤPsP»CHPSC-PN₂ PiCĤCrPiC-.

PµP°C†C-C"PSC,Pē P»C-C,PSCHPsPiPs PIC-PeCž (≥ 65 CĤPsPeC-PI)

Pj PiP°C†C-C"PSC,C-PI PIC-PePsPj PrPs 70 CĤPsPeC-PI PeP»C-PSC-C†PSPs P·PSP°C†CrC%PsPiPs
P·P±C-P»CHCēPµPSPSCĤ PµPeCĤPiPsP·PēC†C-C— P»C-PeP°CĤCĤCHPePsPiPs P·P°CĤPsP±Cr PI
P·P°P»PµP¶PSPsCĤC,C- C,C-P»CHPePē PIC-Pr PIC-PeCr PSPµ
CĤPiPsCĤC,PµCĤC-PiP°C"C,CHCĤCĤ. PhPrPSP°Pe PjPsP¶PSP° PsC†C-PeCrPIP°C,Pē
PiC-PrPIPēC%PµPSPsC— PµPeCĤPiPsP·PēC†C-C— P»C-PeP°CĤCĤCHPePsPiPs P·P°CĤPsP±Cr Cr
P·PiBĤ™CĤP·PeCr P·C- P·PSPëP¶PµPSPSCĤPj C,,CrPSPeC†C-C— PSPëCĤPsPe P· PIC-PePsPj.
PkPµPrPsCĤC,P°C,PSCHPs PrP°PSPēC... PrP»CĤ C,PsPiPs, C%PsP± P·CĤPsP±PēC,Pē
PIPēCĤPSPsPIPePē C%PsPrPs PµPeCĤPiPsP·PēC†C-C— Cr PiP°C†C-C"PSC,C-PI PIC-PePsPj > 70
CĤPsPeC-PI.

P''C-C,Pë

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP° C,P° C,,P°CḡPjP°PePsPrPëPSP°PjC-PeP°
(PiP»CḡPePsP·CḡCḡC-Cl) Cḡ PrC-C,PμPNë P· C†CḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPiCḡ
PIC-PePsPj 10вḡ“17 CḡPsPeC-PI P±CḡP»Pë PiPsPrC-P±PSPëPjPë PrPs C,PëC..., C%Ps
CḡPiPsCḡC,PμCḡC-PiP°P»PëCḡCl Cḡ PrPsCḡPsCḡP»PëC... C-P· C†CḡPeCḡPsPIPëPj
PrC-P°P±PμC,PsPj 2 C,PëPiCḡ.

PŸC,P°C,CH

PŸPμCḡPμPrPSC-PNë PiPsPeP°P·PSPëPe AUC_{ss} PrP°PiP°PiP»C-C,,P»PsP·PëPSCḡ Cḡ PḡC-PSPsPe,
P·P° PsC†C-PSPeP°PjPë, P±CḡPI PiCḡPëP±P»PëP·PSPs PSP° 22 % PIPëC%Pμ, PSC-Pḡ Cḡ
C†PsP»PsPIC-PeC-PI.

P P°CḡPsPIP° PSP°P»PμPḡPSC-CḡC,CH

PḡC-ClPePëC... PeP»C-PSC-C†PSPs P·PSP°C†CḡC%PëC... PIC-PrPjC-PSPSPsCḡC,PμPNë Cḡ
CḡPëCḡC,PμPjPSC-PNë PμPeCḡPiPsP·PëC†C-C— P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ PjC-Pḡ
PiCḡPμPrCḡC,P°PIPSPëPeP°PjPë C”PICḡPsPiPμPsC—PrPSPsC—, PSPμPiCḡPsC—PrPSPsC—
P°P±Ps PjPsPSPiPsP»PsC—PrPSPsC— CḡP°CḡPë PSPμ CḡPiPsCḡC,PμCḡC-PiP°P»PsCḡCl.

PḡP°CḡP° C,C-P»P°

P·PeCḡPiPsP·PëC†C-Cl PrP°PiP°PiP»C-C,,P»PsP·PëPSCḡ P·PSPëPḡCḡPIP°P»P°CḡCl PiCḡPë
P·P±C-P»CHC€PμPSPSC- PjP°CḡPë C,C-P»P°. PhC,PḡPμ, PiP°C†C-C”PSC,Pë P· PSPëP·CHPePsCḡ
PjP°CḡPsCḡ C,C-P»P° PjPsPḡCḡC,CH PjP°C,Pë PrPμC%Ps PiC-PrPIPëC%PμPSCḡ
PμPeCḡPiPsP·PëC†C-Cḡ P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ, P° PiP°C†C-C”PSC,Pë P·
PIPëCḡPsPePsCḡ PjP°CḡPsCḡ C,C-P»P° вḡ“ PrPμC%Ps P·PSPëPḡPμPSCḡ PμPeCḡPiPsP·PëC†C-Cḡ
P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ. PhPrPSP°Pe PIC-PrPjC-PSPSPsCḡC,C- PI
PμPeCḡPiPsP·PëC†C-C— PSPμ PIPiP°PḡP°P»PëCḡCl PeP»C-PSC-C†PSPs P·PSP°C†CḡC%PëPjPë.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPëCḡC,PëPePë.

PμPsPeP°P·P°PSPSCḡ.

PḡCḡPeCḡPsPIPëPNë PrC-P°P±PμC, 2 C,PëPiCḡ

P»C-PeP°CḡCḡCHPePëPNë P·P°CḡC-P± PαPsCḡPeCḡC-PiP° PiPsPeP°P·P°PSPëPNë
PrPsCḡPsCḡP»PëPj C,P° PrC-C,ClPj PIC-PePsPj PIC-Pr 10 CḡPsPeC-PI PrP»Cl
P»C-PeCḡPIP°PSPSCḡ PSPμPrPsCḡC,P°C,PSCHPs PePsPSC,CḡPsP»CHPsPIP°PSPsPiPs
C†CḡPeCḡPsPIPsPiPs PrC-P°P±PμC,Cḡ 2 C,PëPiCḡ ClPe PrPsPiPsPIPSPμPSPSCḡ PrPs PrC-C”C,Pë
C,P° C,,C-P·PëC†PSPëC... PSP°PIP°PSC,P°PḡPμPSCH:

- CИPe PjPsPSPSc,PмCђP°PіC-CИ, PePsP»Pё P·P°CІC,PsCІCІPIP°PSPSCИ
PjPмC,C,,PsCђPjC-PSCІ PIPIP°P¶P°C”C,CHCІCИ PSpмPjPsP¶P»PёPIPePj C‡PмCђPмP·
PSPмPIPмCђPмPSPScІPePjC-CІC,CH P»C-PeP°CђCІCHPePsPiPs P·P°CІPsP±CІ;

- CІ PіPsC”PrPSP°PSPSC- P· C-PSCёPePjPё P»C-PeP°CђCІCHPePePjPё P·P°CІPsP±P°PjPё
PrP»CИ P»C-PeCІPIP°PSPSCИ PrC-P°P±PмC,CІ 2 C,PёPiCІ.

P PмP·CІP»CHC,P°C,Pё PrPsCІP»C-PrP¶PмPSCH C%PsPrPs PіPsC”PrPSP°PSPSCИ
P»C-PeP°CђCІCHPePёC... P·P°CІPsP±C-PI, PIPіP»PёPICІ PSP° PiP»C-PePмPjC-C‡PSPёPNё
PePsPSC,CђPsP»CH, CІPмCђC‡PмPIPs-CІCІPrPёPSPSC- C,P° PSPёCђPePsPIC- PіPsPrC-C—, P°
C,P°PePsP¶ PrPsCІP»C-PrP¶PмPSPSCИ PіPsPiCІP»CИC‡C-PNё PrPёPIC-C,CHCІCИ CІ
CђPsP·PrC-P»P°C... B«PhCІPsP±P»PёPIPsCІC,C- P·P°CІC,PsCІCІPIP°PSPSCИБ»,
B«P’P·P°C”PjPsPrC-CИ P· C-PSCёPePjPё P»C-PeP°CђCІCHPePePjPё P·P°CІPsP±P°PjPё C,P°
C-PSCёC- PIPёPrPё PIP·P°C”PjPsPrC-PNёB» C,P° B«P°CђPjP°PePsPrPёPSP°PjC-PeP°B».

PŸPмCђC‡PмPIP° PSPмPrPsCІC,P°C,PSC-CІC,CH

P»C-PeP°CђCІCHPePePNё P·P°CІC-P± PαPsCђPeCІC-PiP° PіPsPeP°P·P°PSPёPNё
PrPsCђPsCІP»PёPj PrP»CИ P»C-PeCІPIP°PSPSCИ CІPePjPіC,PsPjP°C,PёC‡PSPSc—
C...CђPsPSC-C‡PSPSc— CІPмCђC‡PмPIPsC— PSpмPrPsCІC,P°C,PSPScІC,C-.

PICђPsPSC-C‡PSP° C...PIPsCђPsP±P° PSPёCђPsPe

P»C-PeP°CђCІCHPePePNё P·P°CІC-P± PαPsCђPeCІC-PiP° PіPsPeP°P·P°PSPёPNё
PrPsCђPsCІP»PёPj PrP»CИ P»C-PeCІPIP°PSPSCИ C...CђPsPSC-C‡PSPSc— C...PIPsCђPsP±Pё
PSPёCђPsPe.

-

PмCђPsC,PёPiPsPeP°P·P°PSPSCИ.

PмC-PrPIPeC%PмPSP° C‡CІC,P»PёPIC-CІC,CH PrPs PrC-CђC‡PsC— CђPмC‡PsPIPePSPё P°P±Ps
PrPs P±CІPrCH-CИPePsC— C-P· PrPsPiPsPjC-P¶PSPёC... CђPмC‡PsPIPePS.

***P’P·P°C”PjPsPrC-CИ P· C-PSCёPePjPё P»C-PeP°CђCІCHPePePjPё P·P°CІPsP±P°PjPё C,P°
C-PSCёC- PIPёPrPё PIP·P°C”PjPsPrC-PNё.***

PαP°CђPjP°PePsPrPёPSP°PjC-C‡PSC- PIP·P°C”PjPsPrC-C—

P”C-CзCђPмC,PёPePё

P—P°CІC,PsCІCІPIP°PSPSCИ PrP°PiP°PiP»C-C,,P»PsP·PёPSCІ PjPsP¶Pм P·P±C-P»CHCёPeC,Pё
PrC-CІCђPмC,PёC‡PSPёPNё PмC,,PмPeC, C,C-P°P·PёPrPSPёC... C- PіPмC,P»CHPsPIPeC...
PrC-CІCђPмC,PёPeC-PI, P° C,P°PePsP¶ PjPsP¶Pм P·P±C-P»CHCёPeC,Pё CђPeP·PёPe
CђPsP·PIPeC,PeCІ PrPмPiC-PrCђP°C,P°C‡C-C— C,P° P°CђC,PмCђC-P°P»CHPSPSc—

PiC-PiPsC,PμPSP·C-C— (PrPēPI. CḡPsP·PrC-P» B«PhCíPsP±P»PēPIPsCíC,C-
P·P°CíC,PsCíCfPIP°PSPSCıB»).

*P†PSCíCđP»C-PS C,P° P·P°CíPsP±Pē, C%Ps PiPsCíPēP»CḡCḡC,CH CíPμPeCḡPμC†C-Cḡ
C-PSCíCđP»C-PSCđ*

P†PSCíCfP»C-PS C,P° P·P°CíPsP±Pē, C%Ps PiPsCíPēP»CḡCḡC,CH CíPμPeCḡPμC†C-Cḡ
C-PSCíCfP»C-PSCđ, C,P°PeC- CıPe P»C-PeP°CḡCíCHPeC- P·P°CíPsP±Pē C-P· PiCḡCfPiPē
CíCfP»CHC,,PsPSC-P»CíPμC†PsPIPēPSPē, PIPēPeP»PēPeP°CḡC,CH CḡPsP·PIPēC,PsPe
PiC-PiPsPiP»C-PePμPjC-C—. PŷP°PePēPj C†PēPSPsPj, PrP»Cı P·PSPēP¶PμPSPSCı CḡPēP·PēPeCf
CḡPsP·PIPēC,PeCf PiC-PiPsPiP»C-PePμPjC-C— PiCḡPē P·P°CíC,PsCíCfPIP°PSPSC- PI
PePsPjP±C-PSP°C†C-C— P· PrP°PiP°PiP»C-C,,P»PsP·PēPSPsPj Cí PiP°C†C-C”PSC,C-PI C-P·
C†CfPeCḡPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPiCf PjPsP¶Pμ P±CfC,Pē PrPsC†C-P»CHPSPēPj
P·P°CíC,PsCíCfPIP°PSPSCı P±C-P»CHC€ PSPēP·CHPePēC... PrPsP· C-PSCíCfP»C-PSCđ
P°P±Ps P·P°CíPsP±C-PI, C%Ps PiPsCíPēP»CḡCḡC,CH CíPμPeCḡPμC†C-Cḡ
C-PSCíCfP»C-PSCđ (PrPēPI. CḡPsP·PrC-P» B«PŷPiPsCíC-P± P·P°CíC,PsCíCfPIP°PSPSCı C,P°
PrPsP·PēB» C,P° B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PαP°CḡPjP°PePsPeC-PSPμC,PēC†PSC- PIP·P°C”PjPsPrC-C—

PḡPμC,P°P±PsP»C-P·Pj PrP°PiP°PiP»C-C,,P»PsP·PēPSCđ PiCḡPsC...PsPrPēC,CH PI
PsCíPSPsPIPSsPjCf C€P»CıC...PsPj PePsPSBḡ™ CḡPiP°C†C-C— P· PiP»CḡPeCfCḡPsPSC-PrPsPj,
PsPiPsCíPμCḡPμPrPePsPIP°PSPsC— PJP”Pα-
PiP»CḡPeCfCḡPsPSC-P»C,CḡP°PSCíC,,PμCḡP°P·PsCḡ 1Pḡ9 (UGT1A9).

PJ C...PsPrC- PiCḡPsPIPμPrPμPSPSCı PrPsCíP»C-PrP¶PμPSCH PI CfPjPsPIP°C... *in vitro*
PrP°PiP°PiP»C-C,,P»PsP·PēPS PSPμ PiCḡPēPiPSC-C†CfPIP°PI C-P·PsC,,PμCḡPjPμPSC,Pē
C†PēC,PsC...CḡPsPjCf P450 (CYP) 1A2, CYP2A6, CYP2B6, CYP2C8, CYP2C9, CYP2C19, CYP2D6,
CYP3A4 C,P° PSPμ C-PSPrCfPeCfPIP°PI CYP1A2, CYP2B6 P°P±Ps CYP3A4. PŷP°PePēPj
C†PēPSPsPj, PSPμ PsC†C-PeCfC”C,CHCíCı, C%Ps PrP°PiP°PiP»C-C,,P»PsP·PēPS
P·PjC-PSCḡPIP°C,PēPjPμ PjPμC,P°P±PsP»C-C†PSPēPNē PeP»C-CḡPμPSCí PsPrPSPsC†P°CíPSPs
P·P°CíC,PsCíPsPICfPIP°PSPēC... P»C-PeP°CḡCíCHPePēC... P·P°CíPsP±C-PI, C%Ps
PjPμC,P°P±PsP»C-P·CfCḡC,CHCíCı C†PēPjPē C,,PμCḡPjPμPSC,P°PjPē.

P’PiP»PēPI C-PSC€PēC... P»C-PeP°CḡCíCHPePēC... P·P°CíPsP±C-PI PSP°
PrP°PiP°PiP»C-C,,P»PsP·PēPS

P”PsCíP»C-PrP¶PμPSPSCı P· PIPēPIC†PμPSPSCı PIP·P°C”PjPsPrC-C—, PiCḡPsPIPμPrPμPSC-
P·P° CfC†P°CíC,Cḡ P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI P·
PIPēPePsCḡPēCíC,P°PSPSCıPj PI PsCíPSPsPIPSsPjCf PsPrPSC-C”C— PrPsP·Pē
P»C-PeP°CḡCíCHPePsPiPs P·P°CíPsP±Cf, CíPIC-PrC†P°C,CH PiCḡPs C,Pμ, C%Ps

C,,P°CTḡPjP°PePsPeC-PSPμC,PëPeP° PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PSPμ
P·PjC-PSCḤC"C,CHCfCḤ PīC-Pr PrC-C"CḤ PjPμC,C,,PsCTḡPjC-PSCr,
PīC-PsPiP»C-C,P°P·PsPSCr, CḤPëC,P°PiP»C-PīC,PëPSCr, PiP»C-PjPμPīC-CḤPëPrCr,
PIPsPiP»C-P±PsP·Cr, PiC-PrCTḡPsC...P»PsCTḡPsC,C-P°P·PëPrCr, P±CrPjPμC,P°PSC-PrCr,
PIP°P»CḤP°CTḡC,P°PSCr P°P±Ps CḤPëPjPIP°CḤC,P°C,PëPSCr.

PμC-CḤP»CḤ PsPrPSPsC±P°CḤPSPsPiPs P·P°CḤC,PsCḤCḤPIP°PSPSCḤ
PrP°PīP°PiP»C-C,,P»PsP·PëPSCr P· CTḡPëC,,P°PjPīC-CḤPëPSPsPj (C-PSPrCrPeC,PsCTḡPsPj
CTḡC-P·PSPëC... P°PeC,PëPIPSPëC... PīPμCTḡPμPSPsCḤPSPëPeC-PI C,P° C,,PμCTḡPjPμPSC,C-PI,
C°°Ps PjPμC,P°P±PsP»C-P·CrCTḤC,CH P»C-PeP°CTḡCḤPeC- P·P°CḤPsP±Pë)
CḤPīPsCḤC,PμCTḡC-PiP°P»PsCḤCḤ P·PSPëPḤPμPSPSCḤ PSP° 22 % CḤPëCḤC,PμPjPSPsC—
PμPeCḤPīPsP·PëCḤC-C— (PḤUC) PrP°PīP°PiP»C-C,,P»PsP·PëPSCr, P°P»Pμ P±PμP·
PeP»C-PSC-CḤPSPs P·PSP°CḤCḤC°°PsC— PrC-C— PSP° PrPsP±PsPICr PμPeCḤPeCTḡPμCḤC-CTḤ
PiP»CTḤPePsP·Pë C-P· CḤPμCḤPμCTḤ. PḤPsCTḡPëPiCrPIP°PSPSCḤ PrPsP·Pë PSPμ
CTḡPμPePsPjPμPSPPrCrC"C,CHCfCḤ. PḤP»C-PSC-CḤPSPs P·PSP°CḤCḤC°°PsPiPs PμC,,PμPeC,CḤ
PīCTḡPë P·P°CḤC,PsCḤCḤPIP°PSPSC- P»C-PeP°CTḡCḤPePsPiPs P·P°CḤPsP±Cr P· C-PSCḤPëPjPë
C-PSPrCrPeC,PsCTḡP°PjPë (PSP°PīCTḡPëPeP»P°Pr, PeP°CTḡP±P°PjP°P·PμPīC-PSPsPj,
C,,PμPSC-C,PSC—PSPsPj, C,,PμPSPsP±P°CTḡP±C-C,P°P»PsPj) PSPμ
PsCḤC-PeCrC"C,CHCfCḤ.

PμC-CḤP»CḤ PsPrPSPsC±P°CḤPSPsPiPs P·P°CḤC,PsCḤCḤPIP°PSPSCḤ
PrP°PīP°PiP»C-C,,P»PsP·PëPSCr P· PjPμC,,PμPSP°PjPsPIPsCTḤ PePëCḤP»PsC,PsCTḤ
(C-PSPiC-P±C-C,PsCTḡPsPj UGT1A9) CḤPīPsCḤC,PμCTḡC-PiP°P»PsCḤCḤ
P·P±C-P»CHCḤPμPSPSCḤ CḤPëCḤC,PμPjPSPsC— PμPeCḤPīPsP·PëCḤC-C—
PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PSP° 55 %, P°P»Pμ P±PμP· PeP»C-PSC-CḤPSPs
P·PSP°CḤCḤC°°PsC— PrC-C— PSP° PrPsP±PsPICr PμPeCḤPeCTḡPμCḤC-CTḤ PiP»CTḤPePsP·Pë P·
CḤPμCḤPμCTḤ. PḤPsCTḡPëPiCrPIP°PSPSCḤ PrPsP·Pë PSPμ CTḡPμPePsPjPμPSPPrCrC"C,CHCfCḤ.

P'PīP»PëPI PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PSP° C-PSCḤC- P»C-PeP°CTḡCḤPeC-
P·P°CḤPsP±Pë

P°P°PīP°PiP»C-C,,P»PsP·PëPS PjPsPḤPμ P·P±C-P»CHCḤCḤPIP°C,Pë PIPëPIPμPrPμPSPSCḤ
P»C-C,C-CTḤ PSPëCTḡPeP°PjPë, P° CTḡC-PIPμPSCḤ P»C-C,C-CTḤ Cr PeCTḡPsPIC- PjPsPḤPμ
P·PSPëP·PëC,PëCḤCḤ. PμC-CḤP»CḤ PīPsCḤP°C,PeCr P·P°CḤC,PsCḤCḤPIP°PSPSCḤ
PrP°PīP°PiP»C-C,,P»PsP·PëPSCr C,P° P·PjC-PSPë PrPsP·Pë CḤP»C-Pr CḤP°CḤC,C-ḤPμ
PePsPSC,CTḡPsP»CTḤPIP°C,Pë PePsPSCḤPμPSC,CTḡP°CḤC-CTḤ P»C-C,C-CTḤ Cr CḤPëCTḡPsPIP°C,CḤC-
PeCTḡPsPIC-. PḤPμPsP±C...C-PrPSPs PSP°PīCTḡP°PIP»CḤC,Pë PīP°CḤC-C"PSC,P° PrPs
P»C-PeP°CTḡCḤ, CḤPePëPḤ PīCTḡPëP·PSP°CḤPëPI PīCTḡPμPīP°CTḡP°C, P»C-C,C-CTḤ, PrP»CḤ
PePsPSC,CTḡPsP»CTḤ PePsPSCḤPμPSC,CTḡP°CḤC-C— P»C-C,C-CTḤ Cr CḤPëCTḡPsPIP°C,CḤC-
PeCTḡPsPIC-.

P' PrPsCḤP»C-PrPḤPμPSPSCḤC... P· PIPëPICḤPμPSPSCḤ PIP·P°C"PjPsPrC-C—,
PīCTḡPsPIPμPrPμPSPëC... P·P° CrCḤP°CḤC,CTḤ P·PrPsCTḡPsPIPëC... PrPsP±CTḡPsPIPsP»CHCḤC-PI P·
PIPëPePsCTḡPëCḤC,P°PSPSCḤPj PI PsCḤPSPsPIPSsPjCr PsPrPSC-C"C— PrPsP·Pë

P»C-PeP°CḡCÍCHbPePsPiPs P·P°CÍPsP±CÍ, PrP°PİP°PiP»C-C,,P»PsP·PëPS PSPµ
P·PjC-PSCḡPIP°PI C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCÍ PjPµC,C,,PsCḡPjC-PSCÍ,
PİC-PsPiP»C-C,P°P·PsPSCÍ, CÍPëC,P°PiP»C-PİC,PëPSCÍ, PiP»C-PjPµPİC-CḡPëPrCÍ,
PiC-PrCḡPsC...P»PsCḡPsC,C-P°P·PëPrCÍ, P±CÍPjPµC,P°PSC-PrCÍ,
PIP°P»CÍP°CḡC,P°PSCÍ, PrPëPiPsPeCÍPëPSCÍ (CÍCÍP±CÍC,CḡP°C,CÍ P-gp) C-
PIP°CḡC,,P°CḡPëPSCÍ (S-PIP°CḡC,,P°CḡPëPSCÍ, CÍCÍP±CÍC,CḡP°C,CÍ CYP2C19)
P°P±Ps P°PSC,PëPePsP°PiCÍP»CİPSC,PSC- PµC,,PµPeC,Pë PIP°CḡC,,P°CḡPëPSCÍ, C%Ps
PsC†C-PSCḡPIP°P»PëCÍCİ P·P° PjC-P¶PSP°CḡPsPrPSPëPj PSPsCḡPjP°P»C-P·PsPIP°PSPëPj
PIC-PrPSPsC€PµPSPSCİPj (PḡPḡP'). PµPsC"PrPSP°PSPSCİ CḡP°P·PsPIP°C— PrPsP·Pë
PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ 20 PjPi C,P° CÍPëPjPIP°CÍC,P°C,PëPSCÍ (CÍCÍP±CÍC,CḡP°C,CÍ
CYP3A4) PİCḡPëP·PIPsPrPëP»Ps PrPs P·P±C-P»CHbC€PµPSPSCİ AUC CÍPëPjPIP°CÍC,P°C,PëPSCÍ
PSP° 19 %B C- P·P±C-P»CHbC€PµPSPSCİ AUC CÍPëPjPIP°CÍC,P°C,PëPSPsPiPsC—
PePëCÍP»PsC,Pë PSP° 31 %. P—P±C-P»CHbC€PµPSPSCİ PµPeCÍPİPsP·PëC†C-C—
CÍPëPjPIP°CÍC,P°C,PëPSCÍ C- CÍPëPjPIP°CÍC,P°C,PëPSPsPiPsC— PePëCÍP»PsC,Pë PSPµ
PIPIP°P¶P°C"C,CHbCÍCİ PeP»C-PSC-C†PSPs P·PSP°C†CÍC%PëPj.

P'PİP»PëPI PSP° CḡPµP·CÍP»CHbC,P°C,Pë P°PSP°P»C-P·CÍ PSP° 1,5-
P°PSPİC-PrCḡPsPiP»CÍC†PëC,PsP» (1,5-AG)

PḡPsPSC-C,PsCḡPëPSPi PiP»C-PePµPjC-C†PSPsPiPs PePsPSC,CḡPsP»Cḡ P·P°
PrPsPİPsPjPsPiPsCḡ P°PSP°P»C-P·CÍ PSP° 1,5-AG PSPµ CḡPµPePsPjPµPSPrCÍC"C,CHbCÍCİ,
PsCÍPeC-P»CHbPePë PİPsPeP°P·PSPëPePë 1,5-AG C" PSPµPrPsCÍC,PsPIC-CḡPSPëPjPë PrP»Cİ
PsC†C-PSPePë PePsPSC,CḡPsP»Cḡ PiP»C-PePµPjC-C— CÍ PİP°C†C-C"PSC,C-PI, CİPeC-
PİCḡPëPµPjP°CḡC,CHb C-PSPİC-P±C-C,PsCḡPë PḡP—PḡPḡP"2. P"P»Cİ
PjPsPSC-C,PsCḡPëPSPiCÍ PiP»C-PePµPjC-C†PSPsPiPs PePsPSC,CḡPsP»Cḡ
CḡPµPePsPjPµPSPrCÍC"C,CHbCÍCİ CÍPePsCḡPëCÍC,P°C,PëCÍCHb
P°P»CHbC,PµCḡPSP°C,PëIPSPëPjPë PjPµC,PsPrP°PjPë.

P"C-C,Pë

P"P°CÍP»C-PrP¶PµPSPSCİ PIP·P°C"PjPsPrC-C— PİCḡPsPiPsPrPëP»PëCÍCİ P»PëC€Pµ P·P°
CÍC†P°CÍC,Cḡ PrPsCḡPsCÍP»PëC... PİP°C†C-C"PSC,C-PI.

***PḡCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍC¿PIP°PSPSCİ.***

P—P°PiP°P»CHbPSC- PİPsPİPµCḡPµPrP¶PµPSPSCİ

P"P°PİP°PiP»C-C,,P»PsP·PëPS PSPµ CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PİP°C†C-C"PSC,P°Pj
C-P· C†CÍPeCḡPsPiPëPj PrC-P°P±PµC,PsPj 1-PiPs C,PëPİCÍ (PrPëPI. PSPëP¶C†Pµ
B«P"C-P°P±PµC,PëC†PSPëPµ PePµC,PsP°C†PëPrPsP·B»).

$$\begin{aligned} &P\mathfrak{S}P_{\mu}C\mathfrak{H}P_{\mu}P\cdot P\mathfrak{s}P\pm P_jP_{\mu}P\mathfrak{P}P_{\mu}PSP\mathfrak{E}P_{\mathfrak{N}}\mathfrak{e}PrPsC\mathfrak{I}^{\mathfrak{P}}PIC-PrPSP_{\mu}C\mathfrak{H}P_{\mu}PePsP_jP_{\mu}PSPPrC\mathfrak{r}^{\mathfrak{C}''}C,C\mathfrak{H}C\mathfrak{I}^{\mathfrak{C}}C\mathfrak{I} \\ &PiPsC\mathfrak{z}P\mathfrak{E}PSP^{\circ}C,P\mathfrak{e}P\gg C-PeCrPIP^{\circ}PSPSC\mathfrak{I}PrP^{\circ}PiP^{\circ}PiP\gg C-C_{,,}P\gg PsP\cdot P\mathfrak{E}PSPsP_jPiP^{\circ}C\mathfrak{I}^{\mathfrak{C}}C-C^{\mathfrak{P}}PSC,P^{\circ}P_j \\ &P\cdot P\mathfrak{E}P_{\mathfrak{L}}P_{\mathfrak{x}} < 25 P_jP\gg/C...PI. \end{aligned}$$

$\text{P}\{\text{CrPeC}\tilde{\text{H}}\text{PsP}\cdot\text{PSP}\tilde{\text{P}}\{\text{CrPIP}^\circ\text{P}\}\text{CH}\tilde{\text{PSP}}^\circ\text{P}\mu\text{C},\text{P}\mu\text{PeC},\text{P}\tilde{\text{e}}\text{PIPSC-Cl}\tilde{\text{C}},\text{CH}$
 $\text{PrP}^\circ\text{PiP}^\circ\text{PiP}\rangle\text{C-C},\text{P}\rangle\text{PsP}\cdot\text{P}\tilde{\text{e}}\text{PSCr}\text{P}\cdot\text{P}^\circ\text{P}\rangle\text{P}\mu\text{P}\{\text{PeC},\text{CH}\text{PIC-Pr}\text{C},\text{CrPSPeC}\dagger\text{C-C}-\text{PSP}\tilde{\text{e}}\text{C}\tilde{\text{H}}\text{PsPe}\text{C-}$
 $\text{P}\cdot\text{PSP}\tilde{\text{e}}\text{P}\{\text{CrC}^\circ\text{C},\text{CHCl}\tilde{\text{C}}\dagger\text{Cr}\text{PiP}^\circ\text{C}\dagger\text{C-C}^\circ\text{PSC},\text{C-PI}\text{P}\cdot\text{B}\text{P}\tilde{\text{E}}\text{P}\tilde{\text{P}}\alpha < 45\text{PjP}\rangle/\text{C...PI}\text{C},\text{P}^\circ,$
 $\text{P}\tilde{\text{N}}\text{PjPsPIC-C}\tilde{\text{H}}\text{PSPs},\text{PIC-PrCl}\tilde{\text{C}}\text{CrC},\text{PSC}\dagger\text{Cr}\text{PiP}^\circ\text{C}\dagger\text{C-C}^\circ\text{PSC},\text{C-PI}\text{P}\cdot\text{C},\text{Cl}\dagger\text{P}\{\text{PeP}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$
 $\text{PiPsC}\tilde{\text{H}}\text{CrC}\epsilon\text{P}\mu\text{PSPSC}\dagger\text{PjP}\tilde{\text{e}}\text{C},\text{CrPSPeC}\dagger\text{C-C}-\text{PSP}\tilde{\text{e}}\text{C}\tilde{\text{H}}\text{PsPe}(\text{PrP}\tilde{\text{e}}\text{PI}.\text{C}\tilde{\text{H}}\text{PsP}\cdot\text{PrC-P}\rangle$
 $\text{B}\langle\text{P}\tilde{\text{Y}}\text{PiPsCl}\tilde{\text{C}}\text{-P}\pm\text{P}\cdot\text{P}^\circ\text{Cl}\tilde{\text{C}},\text{PsCl}\tilde{\text{C}}\text{CrPIP}^\circ\text{PSPSC}\dagger\text{C},\text{P}^\circ\text{PrPsP}\cdot\text{P}\tilde{\text{e}}\text{B}\rangle,$
 $\text{B}\langle\text{P}\alpha\text{P}^\circ\text{C}\tilde{\text{H}}\text{PjP}\rangle\text{PePsPrP}\tilde{\text{e}}\text{PSP}^\circ\text{PjC-PeP}^\circ\text{B}\rangle\text{C},\text{P}^\circ\text{B}\langle\text{P}\alpha\text{P}^\circ\text{C}\tilde{\text{H}}\text{PjP}\rangle\text{PePsPeC-PSP}\mu\text{C},\text{P}\tilde{\text{e}}\text{PeP}^\circ\text{B}\rangle).$

$P' \text{ PsPrPSPsPjCr PrPsCfP} \gg C - \text{PrP} \parallel \text{P}_{\mu}\text{PSPSC} - \text{P} \cdot \text{P}^{\circ} \text{ CrC} \ddagger \text{P}^{\circ} \text{CfC}, \text{Cf PiP}^{\circ} \text{C} \ddagger \text{C} - \text{C}'' \text{PSC}, \text{C} - \text{PI C} - \text{P} \cdot$
 $\text{C} \ddagger \text{CrPeC} \ddagger \text{PsPIP} \ddot{\text{P}} \text{Pj PrC} - \text{P}^{\circ} \text{P} \pm \text{P}_{\mu} \text{C}, \text{PsPj } 2 \text{ C}, \text{P} \ddot{\text{P}} \text{PiCr C} - \text{P} \cdot \text{PiPsC} \ddagger \text{CrC} \epsilon \text{P}_{\mu}\text{PSPSC} \parallel \text{Pj C}, \text{CrPSPeC} \ddagger \text{C} - \text{C} -$
 $\text{PSP} \ddot{\text{P}} \text{C} \ddagger \text{PsPe CfP}_{\mu} \text{C} \ddagger \text{P}_{\mu} \text{PrPSC} \text{H} \text{PsPiPs CfC}, \text{CrPiP}_{\mu} \text{PSC} \parallel (\text{P} \ddot{\text{E}} \text{P} \text{P} \alpha < 60 \text{ PjP} \gg / \text{C} \dots \text{PI})$
 $\text{PiPsP} \pm \text{C} - \text{C} \ddagger \text{PSC} - \text{C} \ddagger \text{P}_{\mu} \text{P}^{\circ} \text{PeC} \ddagger \text{C} - \text{C} - \text{Cr PIP} \ddot{\text{P}} \text{PiP} \gg \text{C} \parallel \text{PrC} - \text{PiC} - \text{PrPIP} \ddot{\text{P}} \text{C} \% \text{P}_{\mu}\text{PSPSC} \parallel \text{C} \ddagger \text{C} - \text{PIPSC} - \text{PI}$
 $\text{PeC} \ddagger \text{P}_{\mu} \text{P}^{\circ} \text{C}, \text{P} \ddot{\text{P}} \text{PSC} - \text{PSCr}, \text{C}, \text{PsCfC}, \text{PsC} \ddagger \text{Cr}, \text{PiP}^{\circ} \text{C} \ddagger \text{P}^{\circ} \text{C}, \text{P} \ddot{\text{P}} \text{C} \ddagger \text{P}_{\mu} \text{PsC} - \text{PrPSPsPiPs PiPsC} \ddagger \text{PjPsPSCr}$
 $(\text{P}_{\mu} \text{P} \ddot{\text{P}} \text{P}'') \text{C} - \text{P}^{\circ} \text{C} \ddagger \text{C}, \text{P}_{\mu} \text{C} \ddagger \text{C} - \text{P}^{\circ} \text{P} \gg \text{C} \text{H} \text{PSPsC} - \text{PiC} - \text{PiPsC}, \text{P}_{\mu} \text{PSP} \cdot \text{C} - \text{C} -$
 $\text{CfPiPsCfC}, \text{P}_{\mu} \text{C} \ddagger \text{C} - \text{PiP}^{\circ} \text{P} \gg \text{P} \ddot{\text{P}} \text{CfC} \parallel \text{C} \ddagger \text{P}^{\circ} \text{CfC}, \text{C} - \text{C} \epsilon \text{P}_{\mu} \text{Cr PiP}^{\circ} \text{C} \ddagger \text{C} - \text{C}'' \text{PSC}, \text{C} - \text{PI}, \text{C} \parallel \text{PeC} -$
 $\text{PsC}, \text{C} \ddagger \text{P} \ddot{\text{P}} \text{PjCrPIP}^{\circ} \text{P} \gg \text{P} \ddot{\text{P}} \text{PrP}^{\circ} \text{PiP}^{\circ} \text{PiP} \gg \text{C} - \text{C}, \text{P} \gg \text{PsP} \cdot \text{P} \ddot{\text{P}} \text{PS}, \text{PSC} - \text{P} \parallel \text{Cr C}, \text{P} \ddot{\text{P}} \text{C} \dots, \text{C} \parallel \text{PeC} -$
 $\text{PsC}, \text{C} \ddagger \text{P} \ddot{\text{P}} \text{PjCrPIP}^{\circ} \text{P} \gg \text{P} \ddot{\text{P}} \text{PiP} \gg \text{P}^{\circ} \text{C} \ddagger \text{P}_{\mu} \text{P} \pm \text{Ps}.$

$P''PsCfPIC-Pr\ P\cdot P^{\circ}CfC,PsCfCrPIP^{\circ}PSPSClI\ P\gg C-PeP^{\circ}CfCfCHbPePsPiPs\ P\cdot P^{\circ}CfPsP\pm Cr\ Cr$
 $PeP\gg C-PSC-C\ddagger PSP\ddot{e}C... PrPsCfP\gg C-PrP\Pi P_{\mu}PSPSClIC... P\cdot P^{\circ}\ CrC\ddagger P^{\circ}CfC,Cf\ PiP^{\circ}C\ddagger C-C''PSC,C-PI$
 $P\cdot PiPsCfCrC\epsilon P_{\mu}PSPSClIj\ C,,CrPSPeC\ddagger C-C- PiP_{\mu}C\ddagger C-PSPeP\ddot{e}\ PsP\pm PjP_{\mu}P\Pi P_{\mu}PSP\ddot{e}PN_{\circ}$
 $P\bullet PeCfPiPsP\cdot P\ddot{e}C\ddagger C-ClI\ PrP^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PSCr\ P\cdot P\pm C-P\gg CHbC\epsilon CrC''C,CHbCfClI\ Cr$
 $PiP^{\circ}C\ddagger C-C''PSC,C-PI\ P\cdot C,CII P\Pi PeP\ddot{e}j\ PiPsCfCrC\epsilon P_{\mu}PSPSClIj\ C,,CrPSPeC\ddagger C-C-$
 $PiP_{\mu}C\ddagger C-PSPeP\ddot{e}\ (PrP\ddot{e}PI.\ CfPsP\cdot PrC-P\gg P\ddot{e}\ B\langle P\ddot{Y}PiPsCfC-P\pm\ P\cdot P^{\circ}CfC,PsCfCrPIP^{\circ}PSPSClI\ C,P^{\circ}$
 $PrPsP\cdot P\ddot{e}B\rangle\ C,P^{\circ}\ B\langle P\alpha P^{\circ}CfPjP^{\circ}PePsPeC-PSp_{\mu}C,P\ddot{e}PeP^{\circ}B\rangle).$

P—P°CfC,PsCfCfPIP°PSPSCII PïP°C†C—C”PSC,P°Pj P· CĤPëP·PëPePsPj P·PjPµPSC€PµPSPSCII
PsP±BĤ™C”PjCf PjC—P¶PeP»C—C,PëPSPSPsC— CĤC—PrPëPSPë C,P°/P°P±Ps
P°CĤC,PµCĤC—P°P»CĤPSPsCĤ PiC—PïPsC,PµPSP·C—C”CĤ

$P-P^{\circ}PIPrClPeP\ddot{e}$ $C\acute{I}PIPsC^{\prime\prime}PjCr$ $PjP\mu C...P^{\circ}PSC-P\cdot PjCr$ $PrC-C-$ $PrP^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C_{,,}P\gg PsP\cdot P\ddot{e}PS$
 $P\cdot P\pm C-P\gg CHC\epsilon CrC^{\prime\prime}$ $C\grave{H}C-PIP\mu PSCH$ $PrC-CrC\grave{H}P\mu P\cdot Cr$, $C\%Ps$ $PjPsP\Pmu$ $P\ddot{i}C\grave{H}P\ddot{e}PIP\mu C\acute{I}C$, $P\ddot{e}$ $PrPs$
 $PiPsPjC-C\grave{H}PSPSPiPs$ $P\cdot PSP\ddot{e}P\Pmu PSPSC\grave{I}$ $P^{\circ}C\grave{H}C$, $P\mu C\grave{H}C-P^{\circ}P\gg CHPSPSPiPs$ C , $P\ddot{e}C\acute{I}PeCr$, $C\%Ps$
 $C\acute{I}P\ddot{i}PsC\acute{I}C$, $P\mu C\grave{H}C-PiP^{\circ}C^{\prime\prime}C$, $CHC\acute{I}C\grave{I}$ PI $PeP\gg C-PSC-C\ddagger PSP\ddot{e}C...$ $PrPsC\acute{I}P\gg C-PrP\Pmu PSPSC\grave{I}C...$
 $(PrP\ddot{e}PI. C\grave{H}PsP\cdot PrC-P\gg B\langle P\alpha P^{\circ}C\grave{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-PeP^{\circ}B\rangle)$. $PjP\mu$ $PjPsP\Pmu$ $P\pm CrC$, $P\ddot{e}$

P±C-P»CHC€ PIPëCḡP°P¶PµPSPs Cr PïP°C†C-C"PSC,C-PI P· PrC†P¶Pµ PIPëC†PsPePëPjPë
CḡC-PIPSC¶PjPë PiP»CHPePsP·Pë PI PeCḡPsPIC-.

PŸP»C-Pr PrPsC,CḡPëPjCrPIP°C,PëC†C¶ PsP±PµCḡPµP¶PSPsC†C,C- PïP°C†C-C"PSC,P°Pj,
PrP»C¶ C¶PePëC... PïP°PrC-PSPSC¶ P°CḡC,PµCḡC-P°P»CHPSPsPiPs C,PëC†PeCr,
PIPëPeP»PëPeP°PSPµ P·P°C†C,PsC†C†PIP°PSPSC¶Pj PrP°PiP°PiP»C-C,,P»PsP·PëPSC†, PjPsP¶Pµ
C†C,P°PSPsPIPëC,Pë PSPµP±PµP·PiPµPeCr, PSP°PiCḡPëPeP»P°Pr, PïP°C†C-C"PSC,P°Pj P·
P°CḡC,PµCḡC-P°P»CHPSPsCḡ PiC-PiPsC,PµPSP·C-C"Cḡ PI P°PSP°PjPSPµP·C-, C¶PeC-
PiCḡPëPNëPjP°CḡC,CH P°PSC,PëPiC-PiPµCḡC,PµPSP·PëPIPSC- P»C-PeP°CḡC†CHPeC-
P·P°C†PsP±Pë, P°P±Ps PïP°C†C-C"PSC,P°Pj P»C-C,PSCḡPsPiPs PIC-PeCr.

PJ PIPëPiP°PrPeP°C... C†C†PiCrC,PSC-C... P·P°C...PIPsCḡCḡPIP°PSCḡ, C%Ps PjPsP¶C†C,CH
PiCḡPëP·PIPµC†C,Pë PrPs CḡPsP·PIPëC,PeCr P·PjPµPSC€PµPSPSC¶ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë (PSP°PiCḡPëPeP»P°Pr,
P·P°C...PIPsCḡCḡPIP°PSPSC¶ C€P»C†PSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,C†),
CḡPµPePsPjPµPSPPrC†C"C,CHC†C¶ PiCḡPsPIPsPrPëC,Pë CḡPµC,PµP»CHPSPëPNë
PjPsPSC-C,PsCḡPëPSPi C†C,C†PiPµPSC¶ P·PjPµPSC€PµPSPSC¶ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë (PSP°PiCḡPëPeP»P°Pr, C,,C-P·PëPeP°P»CHPSPµ
PsP±C†C,PµP¶PµPSPSC¶, PIPëPjC-CḡCḡPIP°PSPSC¶ P°CḡC,PµCḡC-P°P»CHPSPsPiPs
C,PëC†PeCr, P»P°P±PsCḡP°C,PsCḡPSC- P°PSP°P»C-P·Pë, PIPeP»CḡC†P°CḡC†Pë CḡC-PIPµPSCḡ
PiPµPjP°C,PsPeCḡPëC,C†) C,P° CḡC-PIPSC-PI PµP»PµPeC,CḡPsP»C-C,C-PI. PµP°C†C-C"PSC,P°Pj,
Cr C¶PePëC... PIPëPSPëPeP°C" P·PjPµPSC€PµPSPSC¶ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë, CḡPµPePsPjPµPSPPrC†C"C,CHC†C¶
C,PëPjC†P°C†PsPIPµ PiCḡPëPiPëPSPµPSPSC¶ P»C-PeCrPIP°PSPSC¶
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj PrPs C,PsPiPs C†P°C†C†, PiPsPePë P·PjPµPSC€PµPSPSC¶
PsP±Bḡ™C"PjCr PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë PSPµ P±C†PrPµ C†C†C†PSPµPSPµ
(PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C†PSC- CḡPµP°PeC†C-C—B»).

P"C-P°P±PµC,PëC†PSPëPNë PePµC,PsP°C†PëPrPsP·

P·C†P»Pë PsC,CḡPëPjP°PSC- PiPsPIC-PrPsPjP»PµPSPSC¶ PiCḡPs CḡC-PrPeC- PIPëPiP°PrPePë
PrC-P°P±PµC,PëC†PSPsPiPs PePµC,PsP°C†PëPrPsP·Cr (P"РљРђ), PI C,PsPjCr C†PëC†P»C-
P·P°PiCḡPsP·P»PëPIPsPiPs C,P° C,,P°C,P°P»CHPSPsPiPs PrP»C¶ P¶PëC,C,C¶, Cr
PïP°C†C-C"PSC,C-PI, C¶PeC- PsC,CḡPëPjCrPIP°P»Pë C-PSPiC-P±C-C,PsCḡPë
PSP°C,CḡC-PNëP·P°P»PµP¶PSPsPiPs PePsC,CḡP°PSC†PiPsCḡC,PµCḡP° PiP»CHPePsP·Pë 2-PiPs
C,PëPiCr (C-PkP—РљРŸP"2), Cr C,PsPjCr C†PëC†P»C- PrP°PiP°PiP»C-C,,P»PsP·PëPS. PJ
CḡC¶PrC- PIPëPiP°PrPeC-PI C†C,P°PS PiCḡPsC¶PIP»C¶PIC†C¶ P°C,PëPiPsPIPs, C,C-P»CHPePë
PiPsPjC-CḡPSPëPj PiC-PrPIPëC%PµPSPSC¶Pj CḡC-PIPSC¶ PiP»CHPePsP·Pë Cr PeCḡPsPIC-
PSPµ P±C-P»CHC€Pµ PSC-P¶ PrPs 14 PjPjPsP»CH/P» (250 PjPi/PrP»).

PïPeC%Ps Cr PïP°C†C-C"PSC,P° C†PiPsC†C,PµCḡC-PiP°CḡC,CHC†C¶
PSPµC†PiPµC†PëC,,C-C†PSC- C†PëPjPiC,PsPjPë, C,P°PeC- C¶Pe PSC†PrPsC,P°,
P±P»CḡPIP°PSPSC¶, P°PSPsCḡPµPeC†C-C¶, P±C-P»CH Cr P¶PëPIPsC,C-, PSP°PrPjC-CḡPSP°
C†PiCḡP°PiP°, CrC,CḡC†PrPSPµPSPµ PrPëC...P°PSPSC¶, C†PiP»C†C,P°PSC-C†C,CH

СГПІС-ПрПсРјРсСГІС,С-, ПіС-ПрПІПёС%PµPSP° ПІС,РсРјР»СҢРІП°PSC-СГІС,СҢ Р°Р±Рс
СГРсРSP»РёПІС-СГІС,СҢ, сР»С-Пр ПІСҢР°С...РсРІСРІП°С,Рё СҢРёР·РёРё СҢРсР·РІПёС,РёСР
РrС-Р°Р±РµС,РёС±РSPсРіРс РёРµС,РсР°СРёРёРсР·СР. РµСҢРё РІПёРSPёРёРSPµPSPSC-
С,Р°РёРёС... СГРёРјРіС,РсРјС-РІ, РSPµР·Р°Р»РµРµРµ РІС-Пр СҢС-РІPSCІ РіР»СҢРёРсР·Рё
РёСҢРсРІС-, РSPµРсР±С...С-ПрРSPс РSPµРіР°РµРSPс РсР±СГІС,РµРµРёРёС,Рё РіР°СР±С-С"РSC,Р°
РSP° РіСҢРµРµРіРµС, РSP°СІРІPSPсСГІС,С- РёРµС,РсР°СРёРёРсР·СР.

Рј РіР°СР±С-С"РSC,С-РІ Р· РіС-ПрРсР·СҢРсСҢ РSP° Р"РёРё Р°Р±Рс РіСҢРё РµРµРіРµ
РrС-Р°РіРSPсСГІС,СРІРІ°PSPSC- Р»С-РёСРІРІ°PSPSCІ РrР°РіР°Рі»С-С,,Р»РсР·РёРSPсРј
СГР»С-Пр РSPµРіР°РµРSPс РіСҢРёРёРёРSPёС,Рё.

РµР°СР±С-С"РSC,Р°Рј, РіРсСГІРіС-С,Р°Р»С-Р·РсРІР°РSPёРј РrР»СІ РіСҢРсРІРµРµРµРSPSCІ
РІРµР»Р»РёРёС... С...С-СҢСРґСҢРіС-С±РSPёС... ПІС,СҢСРґС±Р°РSCҢ Р°Р±Рс Р· РіСҢРёРіРсРrС
СГРµСҢРµРсР·РSPёС... РіРсСГІС,СҢРёС... Р·Р°С...РІPсСҢСҢРІ°PSCҢ, Р»С-РёСРІРІ°PSPSCІ
СГР»С-Пр РіСҢРёР·СРґРіРёРSPёС,Рё. Рј С,Р°РёРёС... РіР°СР±С-С"РSC,С-РІ
СҢРµРёРсРјРSPРсРІР°РSPс Р·РrС-РµСГІPSCҢРІ°С,Рё РјРсРSC-С,РсСҢРёРSPі СҢС-РІPSCІ
РёРµС,РсРSC-РІ. РµРµСҢРµРІРІ°РіСР ПІС-ПрРrР°СҢС,СҢ РІРёРјС-СҢСҢРІ°PSPSCҢ
СҢС-РІPSCІ РёРµС,РсРSC-РІ СР РёСҢРсРІС-, Р° РSPµ СР СГРµС±С-. Р»С-РёСРІРІ°PSPSCІ
РrР°РіР°Рі»С-С,,Р»РсР·РёРSPсРј РјРсРµРSP° ПІС-ПрРSPсРІПёС,Рё РіС-СГР»СІ
РSPсСҢРјР»С-Р·Р°СР±С- СҢС-РІPSCІ РёРµС,РсРSC-РІ С,Р° СГІС,Р°Р±С-Р»С-Р·Р°СР±С-
СГІС,Р°РSCР РіР°СР±С-С"РSC,Р°.

РµРµСҢСҢРµР РіРсС±Р°С,РёРсРј Р»С-РёСРІРІ°PSPSCІ РrР°РіР°Рі»С-С,,Р»РсР·РёРSPсРј СГР»С-Пр
СҢРсР·РіРіРіРіРёРёС,Рё С,,Р°РёС,РсСҢРё РІ Р°РSP°РјРSPµС- РіР°СР±С-С"РSC,Р°, СІРёС-
РјРсРµРґСРґС,СҢ СГРіСҢРёСІС,Рё СҢРсР·РІПёС,РёС РёРµС,РсР°СРёРіРіРсР·СР.

Р"Рс РіР°СР±С-С"РSC,С-РІ, СІРёС- РјРсРµРґСРґС,СҢ РјР°С,Рё РіС-ПрПІПёС%PµPSPёРµ СҢРёР·РёРё
СҢРсР·РІПёС,РёСР Р"РёРё РSP°Р»РµРµР°С,СҢ РіР°СР±С-С"РSC,Рё Р· РSPёР·СҢРёРёРј
С,,СРРSPёСР±С-РсРSP°Р»СҢРSPёРј СҢРµР·РµРґРІPсРј Р±РµС,Р°-РёР»С-С,РёРс
(РSP°РіСҢРёРёРёР»Р»Р, РіР°СР±С-С"РSC,Рё С-Р· СРґРёСҢРсРІПёРј РrС-Р°Р±РµС,РсРј 2 С,РёРіСР
Р· РSPёР·СҢРёРёРј СҢС-РІPSPµРј РҮ-РіРµРіС,РёРrСР Р°Р±Рс Р· Р»Р°С,РµРSC,РSPёРј
Р°СРґС,РсС-РјСРРSPSPёРј РrС-Р°Р±РµС,РсРј РrРсСҢРсСГІР»РёС... (LADA) Р°Р±Рс
РіР°СР±С-С"РSC,Рё Р· РіР°РSPёСҢРµРµС,РёС,РсРј РІ Р°РSP°РјРSPµС-), РіР°СР±С-С"РSC,Рё Р·С-
СГІС,Р°РSP°РјРё, СІРёС- РјРсРµРґСРґС,СҢ РіСҢРёР·РІПсРrРёС,Рё РrРс РсР±РјРµРµРµРµРµРµ
РІРµРіРіРіРІ°PSPSCІ С-РµС- Р°Р±Рс РІР°РµРсРіРс Р·РSPµРІPсРrРSPµPSPSCІ,
РіР°СР±С-С"РSC,Рё РrРсР·РёС-РSCГРґР»С-РSCР РrР»СІ СІРёРёС... Р·РSPёРµРµРµРµС-, С,Р°
РіР°СР±С-С"РSC,Рё Р·С- Р·С-Р»СҢСРµРµРSPсСҢ РіРсС,СҢРµР±РсРІ РІ С-РSCГРґР»С-РSC-
РІPSP°СГР»С-ПрРсРё РіРсСГІС,СҢРсРіРс Р·Р°С...РІPсСҢСҢРІ°PSPSCІ,
С...С-СҢСРґСҢРіС-С±РSPсРіРс ПІС,СҢСРґС±Р°РSPSCІ Р°Р±Рс Р·Р»РсРІРёРІ°PSPSCІ
Р°Р»РёРсРіРсР»Рј. Р-Р°СГІС,РсСГІРсРІСРІП°С,Рё С-РёР-РёРҮР"2 С,Р°РёРёРј
РіР°СР±С-С"РSC,Р°Рј СГР»С-Пр Р· РсР±РµСҢРµРµРµРµРµРµРµС-СГІС,СҢ.

Р'С-ПрРSPсРІР»СҢРІ°С,Рё Р»С-РёСРІРІ°PSPSCІ С-РёР-РёРҮР"2 РіР°СР±С-С"РSC,Р°Рј Р·

РiРsРiРµСђРµРrРsСђРs РiРµСђРµРsРµСђРµРsРёРj Р”РљРђ, С%Рs РiРёРsРёРё РiС-Рr С±Р°Сђ Р»С-РёСђРiР°РsРsСiС С-РќР—РљРђР”2, РsРµ СђРµРsРjРµРsРrСђС”С,СђСђСiС, РsРёСђС-Рj РiРёРiР°РrРёС-Рi, РёРsР»Рё РiРёСiРiР»РµРsРs С,Р° СђСђСђРsРµРsРs С-РsСёРёР№ С±С-С,РёРёР№ С,Р°РёС,РsСђ СђРsР·РiРёС,РёСђ Р”РљРђ.

Р”Р°РsС-, РsС,СђРёРjР°РsС- РiС-Рr С±Р°Сђ РёР»С-РsС-С±РsРёС... РrРsСђР»С-РrРµРµРsСђ РrР°РiР°РiР»С-С,Р»Р»РsР·РёРsСђ Сђ РiР°С±С-С”РsС,С-Рi С-Р· С±СђРёСђРsРiРёРj РrС-Р°Р±РµС,РsРj 1 С,РёРiСђ, СђРiС-РrС±Р°С,Сђ РiСђРs С,Рµ, С%Рs Р”РљРђ РiРёРsРёРёР°С” С-Р· Р·Р°РiР°Р»СђРsСђ С±Р°СђС,РsС,РsСђ. Р”Р°РiР°РiР»С-С,Р»Р»РsР·РёРs РsРµ СђР»С-Рr Р·Р°СђС,РsСђРsРiСђРiР°С,Рё РrР»Сi Р»С-РёСђРiР°РsРsСiС РiР°С±С-С”РsС,С-Рi С-Р· С±СђРёСђРsРiРёРj РrС-Р°Р±РµС,РsРj 1-РiРs С,РёРiСђ.

РќРµРёСђРs,РёС±РsРёР№ С,Р°СђС±РёС—С, РiСђРsРjРµРµРёРsРё (РiР°РsРiСђРµРsР° Р»СђСђСђС”)

РµРsРiС-РrРsРjР»СiР»Р»РsСђ РiСђРs РiРёРiР°РrРёРё РsРµРёСђРs,РёС±РsРsРiРs С,Р°СђС±РёС—С,Сђ РiСђРsРjРµРµРёРsРё (С,Р°РёРsРµ РiС-РrРsРjРsРiРs СiРё РiР°РsРiСђРµРsР° Р»СђСђСђС”) Сђ РµС-РsРёС С,Р° С±РsР»РsРiС-РёС-Рi, СiРёС-РsС,СђРёРjСђРiР°Р»С-РёС-РsРiС-Р±С-С,РsСђРё РќР—РљРђР”2 Сђ РiС-СђР»СiСђРµС”СђС,СђР°С±С-РµРsРё РiРµСђРµРsРr (РrРёРi. СђРsР·РrС-Р» В«РµРsР±С-С±РsС- СђРµР°С±С-С—В»). РiРµ С” СђС-РrРёС-СђРsРёРj, Р°Р»Рµ СђРµСђРµРµРµРsР·Р» РiРsС,РµРsС±С-РµРsРs Р·Р°РiСђРsР·Р»РёРёРj РrР»Сi РµРёС,С,СiС СђС,Р°РsРsРj, С%Рs РiРёРjР°РiР°С” С,РµСђС-РsРsРiРs С...С-СђСђСђiС-С±РsРsРiРs РiС,СђСђС±Р°РsРsСiС С,Р° Р°РsС,РёР±С-РsС,РёРёРsС,РµСђР°РiС-С—.

РµР°С±С-С”РsС,Р°Рj С,СђРµР±Р° СђРµРsРjРµРsРrСђРiР°С,Рё Р·РiРµСђС,Р°С,РёСђСi РiРs РjРµРrРёС±РsСђ РrРsРiРsРjРsРiСђ, СiРёС%Рs Сђ РsРёС... РiРёРsРёРёР»Р°Р° РёРsРjР±С-РsР°С±С-СiС С,Р°РёРёС... СђРёРjРiС,РsРjС-Рi, СiРё Р±С-Р»Сђ, С±СђС,Р»РёРiС-СђС,Сђ, РµСђРёС,РµРjР° С±Рё РsР°Р±СђСiРё Сђ РrС-Р»СiРsС±С-СђС,Р°С,РµРiРёС... РsСђРiР°РsС-Рi С±Рё РiСђРsРjРµРµРsРё, С%Рs СђСђРiСђРsРiРsРrРµСђСђС,СђСђСi Р»РёС...РsРjР°РsРёРsСђ Р°Р±Рs РsРµР·РrСђРµРsРsСiРj.

РёСђРµР±Р° Р·РsР°С,Рё, С%Рs РsРµРёСђРs,РёС±РsРsРjСђ С,Р°СђС±РёС—С,Сђ РjРsРµРµРi РiРµСђРµРrСђРiР°С,Рё СђСђРsРiРµРsС-С,Р°Р»СђРsР° С-РsС,РµРёС±С-СiС С±Рё РiРµСђРёРsРµРsР°Р»СђР°Р° Р°Р±СђСђСiРiСђ. РiРёС%Рs РiС-РrРsР·СђСђС,Сђ РiР°РsРiСђРµРsРsРiСђ Р»СђСђСђС”, Р·Р°СђС,РsСђСђРiР°РsРsСiС Р»С-РёР°СђСђСђРёРsРs Р·Р°СђРsР·РiС-РiР° РsРµРsР±С...С-РrРsРs СђРёР°СђСђРiР°С,Рё С,Р° РsРµРiР°РµРsРs СђРsР·РiРsС±Р°С,Рё Р»С-РёСђРiР°РsРsСiС (Сђ С, С±. Р· Р°РsС,РёР±С-РsС,РёРёР°РjРё С,Р° С...С-СђСђСђiС-С±РsРёРj РiРёРrР°Р»РsРsСiРj РsРµРёСђРs,РёС±РsРёС... РjР°Сђ).

Р±РsС,РµРёС±С-С— СђРµС±РsРiРёРiС-РrРsРёС... СёР»СiС...С-Рi

Р·РёСђРёСђРµСђРµС±С-Сi РiР»СђРёРsР·РёС-Р· С-Р· СђРµС±РµСђ РjРsРµРµРµ Р±СђС,Рё

PiPsPIbTTM CII.P.P°PSP° P. PiC-PrPIPeC%oPμPSPePj CḡPeP·PēPePsPj CḡPsP·PIPeC,PeCf
C-PSC,,PμPeC†C-C— C†PμC†PsPIPePIC-PrPSPeC... CēP»CII.C...C-PI; C,P°PePePj C†PePSPsPj,
PiCḡPe P»C-PeCfPIP°PSPSC- PiC-C”P»PsPSPμC,,CḡPeC,Cf P°P±Ps C†CḡPsC†PμPiC†PeC†Cf
PjPsP¶Pμ P±C†C,Pē PrPsC†C-P»CHbPSPePj C,PēPjC†P°C†PsPIPμ PiCḡPePiPePSPμPSPSCII
P·P°C†C,PsC†C†PIP°PSPSCII PrP°PiP°PiP»C-C,,P»PsP·PēPSCf.

PμP°C†C-C”PSC,Pē P»C-C,PSCHbPsPiPs PIC-PeCf (≥ 65 CḡPsPeC-PI)

PμP°C†C-C”PSC,Pē P»C-C,PSCHbPsPiPs PIC-PeCf PjP°CḡC,CH P±C-P»CHbCēPePNē CḡPeP·PēPe
CḡPsP·PIPeC,PeCf P·PjPμPSCēPμPSPSCIIb PsP±bTTMC”PjC† PjC-P¶PeP»C-C,PēPSPSPsC—B
CḡC-PrPePSPē, P° C,P°PePsP¶ C†P°C†C,C-CēPμ PsC,CḡPePjC†CḡC,CH P»C-PeCfPIP°PSPSCII
PrC-C†CḡPμC,PēPeP°PjPe.

PμP°C†C-C”PSC,Pē P»C-C,PSCHbPsPiPs PIC-PeCf C†P°C†C,C-CēPμ PjP°CḡC,CH
PiPsCḡC†CēPμPSPSCII PSPeCḡPePsPIPsC— C,,C†PSPeC†C-C— C,P°/P°P±Ps
PsC,CḡPePjC†CḡC,CH P»C-PeCfPIP°PSPSCII P°PSC,PēPiC-PiPμCḡC,PμPSP·PēPIPSPePjPe
P»C-PeP°CḡC†CHbPePePjPe P·P°C†PsP±P°PjPe, C%oPs PjPsP¶C†C,CH C†PiCḡPeC†PePSCII,C,Pē
P·PjC-PSPē PSPeCḡPePsPIPsC— C,,C†PSPeC†C-C—, C,P°PePePjPe CIIPe C-PSPiC-P±C-C,PsCḡPe
P°PSPiC-PsC,PμPSP·PēPSPiPμCḡPμC,PIPsCḡCḡCḡC†PsPiPs C,,PμCḡPjPμPSC,C† (C-PḡPμPα) C,P°
P±P»PsPeP°C,PsCḡPe CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PēPSCf P†P† C,PēPiC† 1
(P’P Pḡ).

P”P»CII PiP°C†C-C”PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf PSP°PrP°CḡC,CHbC†CII C,C- P¶
C†P°PjC- CḡPμPePsPjPμPSPPrP°C†C-C— C†C,PsC†PsPIPSPs PSPeCḡPePsPIPsC—
C,,C†PSPeC†C-C—, CIIPe C- PrP»CII PIC†C-C... PiP°C†C-C”PSC,C-PI (PrPePI. CḡPsP·PrC-P»Pē
B«PḡPiPsC†C-P± P·P°C†C,PsC†C†PIP°PSPSCII C,P° PrPsP·PēB», B«PhC†PsP±P»PēPIPsC†C,C-
P·P°C†C,PsC†C†PIP°PSPSCIIb», B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B» C,P°
B«PαP°CḡPjP°PePsPrPePSP°PjC-PeP°B»).

PḡPμCḡC†PμPIP° PSPμPrPsC†C,P°C,PSC-C†C,CHb

P”PsC†PIC-Pr P·P°C†C,PsC†C†PIP°PSPSCII PrP°PiP°PiP»C-C,,P»PsP·PēPSCf PI CḡP°PjPeP°C...
PeP»C-PSC-C†PSPeC... PrPsC†P»C-PrP¶PμPSCHb PiP°C†C-C”PSC,P°Pj P· IV PeP»P°C†PsPj
C†PμCḡC†PμPIPsC— PSPμPrPsC†C,P°C,PSPsC†C,C- P·P° PeP»P°C†PeC,,C-PeP°C†C-C”Cḡ NYHA
PsP±PjPμP¶PμPSPePNē.

P†PSC,,C-P»CHbC,CḡP°C,PēPIPSP° PeP°CḡPrC-PsPjC-PsPiP°C,C-CII

P”PsC†P»C-PrP¶PμPSPSCII P·P° C†C†P°C†C,Cḡ PiP°C†C-C”PSC,C-PI C-P·
C-PSC,,C-P»CHbC,CḡP°C,PēPIPSPsCḡ PeP°CḡPrC-PsPjC-PsPiP°C,C-C”Cḡ PSPμ
PiCḡPsPIPsPrPeP»PēC†CII.

PI'CTḡPsPSC-C±PSP° C...PIPsCTḡPsP±P° PSPëCTḡPsPe

P'C-PrCÍ'CrC,PSC-PNḡ PrPsCÍ'PIC-Pr P·P°CÍ'C,PsCÍ'CrPIP°PSPSCÍ
PrP°PiP°PiP»C-C,,P»PsP·PëPSCÍ PrP»CÍ P»C-PeCÍPIP°PSPSCÍ C...CTḡPsPSC-C±PSPsC—
C...PIPsCTḡPsP±Pë PSPëCTḡPsPe Cr PiP°C†C-C" PSC,C-PI P±PμP· C†CrPeCTḡPsPIPsPiPs
PrC-P°P±PμC,Cr, CÍPeC- PSPμ PjP°CTḡC,CH P°P»CHP±CrPjC-PSCÍCTḡC-C—. PμP°C†C-C" PSC,Pë
P· P°P»CHP±CrPjC-PSCÍCTḡC-C"CTḡ PjPsP¶CÍ'C,CH PsC,CTḡPëPjP°C,Pë P±C-P»CHC€CÍ
PePsCTḡPëCÍ'C,CH PIC-Pr P»C-PeCÍPIP°PSPSCÍ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj.

PḡPjPiCrC,P°C†C-C— PSPëP¶PSC-C... PeC-PSC†C-PIPsPe

Pj PrPsPIPiPsCÍ'C,CTḡPsPePsPIPëC... PiPsC,PsC±PSPëC... PeP»C-PSC-C±PSPëC...
PrPsCÍ'P»C-PrP¶PμPSPSCÍC... P· C-PSC€PëPjPë C-PkP—PḡPḡP"2 PiCTḡPë C†CrPeCTḡPsPIPsPjCr
PrC-P°P±PμC,C- 2 C,PëPiCr CÍ'PiPsCÍ'C,PμCTḡC-PiP°P»PsCÍ'CH P·CTḡPsCÍ'C,P°PSPSCÍ
PeC-P»CHPePsCÍ'C,C- PiPëPiP°PrPeC-PI P°PjPiCrC,P°C†C-C— PSPëP¶PSC-C...
PeC-PSC†C-PIPsPe (PiPsP»PsPIPSPëPj C±PëPSPsPj, PiP°P»CHC†CÍ'C,PsPiPë).
PkPμPIC-PrPsPjPs, C±Pë C†Pμ PμC,,PμPeC, PeP»P°CÍ'Cr P»C-PeP°CTḡCÍ'CHPePëC...
P·P°CÍ'PsP±C-PI. P'P°P¶P»PëPIPs CTḡP°PrPëC,Pë PiP°C†C-C" PSC,P°Pj C-P· C†CrPeCTḡPsPIPëPj
PrC-P°P±PμC,PsPj CÍ'C,P°PSPPrP°CTḡC,PSPëPNḡ PiCTḡPsC,,C-P»P°PeC,PëC±PSPëPNḡB PrPsPiP»CÍPr
P·P° CÍ'C,PsPiPsCTḡ, CÍPe C- PICÍ'C-Pj C...PIPsCTḡPëPj PSP° C†CrPeCTḡPsPIPëPNḡ PrC-P°P±PμC,.

PḡC†C-PSPeP° P»P°P±PsCTḡP°C,PsCTḡPSPëC... P°PSP°P»C-P·C-PI CÍ'PμC±C-

PμP°C†C-C" PSC,Pë, CÍPeC- PsC,CTḡPëPjCrCTḡC,CH P»C-PeP°CTḡCÍ'CHPePëPNḡ P·P°CÍ'C-P±
PαPsCTḡPeCÍ'C-PiP°, PjP°C,PëPjCrC,CH PiPsP·PëC,PëPIPSC- CTḡPμP·CrP»CHC,P°C,Pë
P°PSP°P»C-P·Cr PSP° PiP»CHPePsP·Cr PI CÍ'PμC±C- P· PsPiP»CÍPrCr PSP° PjPμC...P°PSC-P·Pj
PrC-C— P»C-PeP°CTḡCÍ'CHPePsPiPs P·P°CÍ'PsP±CÍ'.

P>P°PeC,PsP·P°

PḡP°P±P»PμC,PePë PjC-CÍ'C,CÍC,CH P»P°PeC,PsP·Cr. PμP°C†C-C" PSC,P°Pj P·
CTḡC-PrPeC-CÍ'PSPëPjPë CÍ'PiP°PrPePsPIPëPjPë PiCTḡPsP±P»PμPjP°PjPë
PSPμPiPμCTḡPμPSPsCÍ'PëPjPsCÍ'C,C- PiP°P»P°PeC,PsP·Pë, P»P°PeC,P°P·PSPsCTḡ
PSPμPrPsCÍ'C,P°C,PSC-CÍ'C,CTḡ P°P±Ps PjP°P»CHP°P±CÍ'PsCTḡP±C†C-C"CTḡ PiP»CHPePsP·Pë-
PiP°P»P°PeC,PsP·Pë PSPμ CÍ'P»C-Pr P·P°CÍ'C,PsCÍ'PsPICÍ'PIP°C,Pë C†PμPNḡ
P»C-PeP°CTḡCÍ'CHPePëPNḡ P·P°CÍ'C-P±.

*P—P°CÍ'C,PsCÍ'C¿PIP°PSPSCÍ C¿ PiPμCTḡC-PsPr PIP°PiC-C,PSPsCÍ'C,C- P°P±Ps
PiPsPrC¿PIP°PSPSCÍ PiCTḡC¿PrPrCTḡ.*

P'P°PiC-C,PSC-CÍ'C,CH

P"°PSPëC... C%oPsPrPs P·P°CÍ'C,PsCÍ'CrPIP°PSPSCÍ PrP°PiP°PiP»C-C,,P»PsP·PëPSCÍ
PIP°PiC-C,PSPëPjPë P¶C-PSPeP°PjPë PSPμPjP°C". P"PsCÍ'P»C-PrP¶PμPSPSCÍ PSP°
C%oCÍ'CTḡP°C... PIPECÍPIPëP»Pë C,PsPeCÍ'PëC±PSPëPNḡ PIPIP»PëPI P»C-PeP°CTḡCÍ'CHPePsPiPs

P·P°CÍPSP±CÍ PSP° PSPëCĤPePë CÍ C...PsPrC- C—C... CĤPsP·PIPëC,PeCÍ PI PĪPμCĤC-PsPr
C‡P°CÍCÍ, C%Ps PIC-PrPĪPsPIC-PrP°C” PrCĤCÍPiPsPjCÍ C- C,CĤPμC,CHPsPjCÍ
C,CĤPëPjPμCÍC,CĤCÍ PIP°PiC-C,PSPsCÍC,C- CÍ P»CĤPrPëPSPë. PŸP°PePëPj C‡PëPSPsPj,
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PrP°PĪP°PiP»C-C,,P»PsP·PëPSCÍ PSPμ
CĤPμPePsPjPμPSPrCÍC”C,CHCÍCĬ PiC-Pr C‡P°CÍ PrCĤCÍPiPsPiPs C,P° C,CĤPμC,CHPsPiPs
C,CĤPëPjPμCÍC,CĤC-PI PIP°PiC-C,PSPsCÍC,C-.

PμCĤPë PICÍC,P°PSPsPIP»PμPSPSC- C,,P°PeC,CÍ PIP°PiC-C,PSPsCÍC,C- P»C-PeCÍPIP°PSPSCĬ
PrP°PĪP°PiP»C-C,,P»PsP·PëPSPsPj CÍP»C-Pr PĪCĤPëPiPëPSPëC,Pë.

P“PsPrCÍPIP°PSPSCĬ PiCĤCÍPrPrCĤ

PĶPμPIC-PrPsPjPs, C‡Pë PIPëPrC-P»CĬC”C,CHCÍCĬ PrP°PĪP°PiP»C-C,,P»PsP·PëPS C,P°/P°P±Ps
PNēPsPiPs PjPμC,P°P±PsP»C-C,Pë CÍ PiCĤCÍPrPSPμ PjPsP»PsPePs P»CĤPrPëPSPë. PĶP°CĬPIPSC-
PrP°PSC-, PsC,CĤPëPjP°PSC- CÍ C...PsPrC-
C,,P°CĤPjP°PePsP»PsPiC-C‡PSPëC.../C,PsPeCÍPëPePsP»PsPiC-C‡PSPëC...
PrPsCÍP»C-PrP¶PμPSCĤ, PĪCĤPsPrPμPjPsPSCÍC,CĤCÍPIP°P»Pë PμPeCÍPeCĤPμC†C-CĤ
PrP°PĪP°PiP»C-C,,P»PsP·PëPSCÍ/PjPμC,P°P±PsP»C-C,C-PI CÍ PjPsP»PsPePs, P° C,P°PePsP¶
C,,P°CĤPjP°PePsP»PsPiC-C‡PSPs-PsPiPsCÍPμCĤPμPrPePsPIP°PSC- PμC,,PμPeC,Pë CÍ
PĪPsC,PsPjCÍC,PIP° PiC-Pr C‡P°CÍ PiCĤCÍPrPSPsPiPs PIPëPiPsPrPsPICÍPIP°PSPSCĬ. P PëP·PëPe
PrP»CĬ PSPsPIPSPSP°CĤPsPrP¶PμPSPëC.../PSPμPjPsPIP»CĬC, PSPμ PjPsP¶Pμ P±CÍC,Pë
PIPëPeP»CĤC‡PμPSPëPNē. P”P°PĪP°PiP»C-C,,P»PsP·PëPS PSPμ CÍP»C-Pr
P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PiC-Pr C‡P°CÍ PiPsPrCÍPIP°PSPSCĬ PiCĤCÍPrPrCĤ.

P PμPĪCĤPsPrCÍPeC,PëPIPSP° C,,CÍPSPeC†C-CĬ

P’PĪP»PëPI PrP°PĪP°PiP»C-C,,P»PsP·PëPSCÍ PSP° CĤPμPĪCĤPsPrCÍPeC,PëPIPSCÍ
C,,CÍPSPeC†C-CĤ CÍ P»CĤPrPëPSPë PSPμ PIPëPIC‡P°PICÍCĬ. Pj CÍP°PjC†C-PI C- CÍP°PjPsPe
C,PIP°CĤPëPS P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PrP°PĪP°PiP»C-C,,P»PsP·PëPSCÍ PSPμ
PIPĪP»PëPIP°P»Ps PSP° C,,PμCĤC,PëP»CHPSC-CÍC,CH PĪCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC-
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PI P±CÍPrCĤ-CĬPeC-PNē
PrPsCÍP»C-PrP¶CÍPIP°PSC-PNē PrPsP·C-.

*P—PrP°C,PSC-CÍC,CH PIPĪP»PëPIP°C,Pë PSP° CēPIPëPrPeC-CÍC,CH CĤPμP°PeC†C-C— PĪCĤPë
PePμCĤC‡PIP°PSPSC- P°PIC,PsC,CĤP°PSCÍPiPsCĤC,PsPj P°P±Ps C-PSCēPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

P>C-PeP°CĤCÍCHPePëPNē P·P°CÍC-P± PαPsCĤPeCÍC-PiP° PSPμ PIPĪP»PëPIP°C” P°P±Ps
PSPμP·PSP°C‡PSPs PIPĪP»PëPIP°C” PSP° P·PrP°C,PSC-CÍC,CH PePμCĤCÍPIP°C,Pë
C,CĤP°PSCÍPĪPsCĤC,PSPëPjPë P·P°CÍPsP±P°PjPë C,P° PĪCĤP°C†CĤPIP°C,Pë P·
PjPμC...P°PSC-P·PjP°PjPë. PμP°C†C-C”PSC,C-PI CÍP»C-Pr PĪPsPiPμCĤPμPrPëC,Pë PĪCĤPs
CĤPëP·PëPe CĤPsP·PIPëC,PeCÍ PiC-PiPsPiP»C-PePμPjC-C— PiC-Pr C‡P°CÍ
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PrP°PĪP°PiP»C-C,,P»PsP·PëPSCÍ PI PĪPsC”PrPSP°PSPSC- C-P·
CÍCÍP»CHC,,PsPSC-P»CÍPμC‡PsPIPëPSPsCĤ P°P±Ps C-PSCÍCÍP»C-PSPsPj.

PŸPİPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCİ C,P° PṽPsP·Pë.

P"PsP·CṽPIP°PSPSCİ

PıC¿PeCḤPsPIPëPN¿ PrC-P°P±PμC, 2 C,PëPıC¿

P PμPePsPjPμPSPṽPsPIP°PSP° PrPsP·P° PrP°PİP°PiP»C-C,,P»PsP·PëPSCṽ CÍC,P°PSPsPIPëC,CH 10 PjPi PsPrPëPS CḤP°P· PSP° PrPsP±Cṽ.

PıCḤPë P·P°CÍC,PsCÍCṽPIP°PSPSC- PrP°PİP°PiP»C-C,,P»PsP·PëPSCṽ Pı PePsPjP±C-PSP°C†C-C— P· C-PSCÍCṽP»C-PSPsPj P°P±Ps P·P°CÍCṽP±P°PjPë, C%oPs PİPsCÍPëP»CḤCḤC,CH CÍPμPeCḤPμC†C-CḤ C-PSCÍCṽP»C-PSCṽ, C,P°PePëPjPë CıPe CÍCṽP»CHC,,PsPSC-P»CÍPμCṽPsPIPëPSP°, P· PjPμC,PsCḤ P·PSPëP¶PμPSPSCİ CḤPëP·PëPeCṽ CḤPsP·PIPëC,PeCṽ PıC-PİPsPiP»C-PePμPjC-C— CÍP»C-Pr CḤPsP·PiP»CıPSCṽC,Pë PjPsP¶P»PëPIC-CÍC,CH P·P°CÍC,PsCÍCṽPIP°PSPSCİ PSPëP·CHPePëC... PrPsP· C-PSCÍCṽP»C-PSCṽ P°P±Ps P·P°CÍCṽP±C-PI, C%oPs PİPsCÍPëP»CḤCḤC,CH CÍPμPeCḤPμC†C-CḤ C-PSCÍCṽP»C-PSCṽ (PrPëPI. CḤPsP·PrC-P»Pë B«P'P·P°C" PjPsPrC-Cı P· C-PSC€PëPjPë P»C-PeP°CḤCÍCHPePëPjPë P·P°CÍCṽP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PN¿B» C- B«PıPsP±C-CṽPSC- CḤPμP°PeC†C-C—B»).

PŸPμCḤC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH

P PμPePsPjPμPSPṽPsPIP°PSP° PrPsP·P° PrP°PİP°PiP»C-C,,P»PsP·PëPSCṽ CÍC,P°PSPsPIPëC,CH 10 PjPi PsPrPëPS CḤP°P· PSP° PrPsP±Cṽ.

PıCḤPsPSC-CṽPSP° C...PIPSCḤPsP±P° PSPëCḤPsPe

P PμPePsPjPμPSPṽPsPIP°PSP° PrPsP·P° PrP°PİP°PiP»C-C,,P»PsP·PëPSCṽ CÍC,P°PSPsPIPëC,CH 10 PjPi PsPrPëPS CḤP°P· PSP° PrPsP±Cṽ.

PḤCÍPsP±P»PëPIC- PıCḤC¿PİPë PİP°C†C-C"PSC,C-PI

PıP°C†C-C"PSC,Pë P· PİPsCḤC¿C€PμPSPSCİPj C,,C¿PSPeC†C-C— PSPëCḤPsPe

PḤPsCḤPμPeC†C-Cı PrPsP·Pë PSP° PsCÍPSPsPIC- C,,CṽPSPeC†C-C— PSPëCḤPsPe PSPμ PİPsC,CḤC-P±PSP°.

P''C-C,Pë.

P''P»CΠ P»C-PeCfPIP°PSPSCΠ C†CfPeCfPsPIPsPiPs PrC-P°P±PμC,Cf 2 C,PëPiCf Cf PrC-C,PμPNë PIC-PePsPj PIC-Pr 10 CfPsPeC-PI PePsCfPμPeC†C-CΠ PrPsP·Pë P»C-PeP°CfCfCHPePsPiPs P·P°CfPs±Cf PSPμ PïPsC,CfC-P±PSP° (PrPëPI. CfPsP·PrC-P»Pë B«PαP°CfPjP°PePsPrPëPSP°PjC-PeP°B» C,P° B«PαP°CfPjP°PePsPeC-PSPμC,PëPeP°B»).

P''P°PSPëC... C%PsPrPs P·P°CfC,PsCfCfPIP°PSPSCΠ P»C-PeP°CfCfCHPePsPiPs P·P°CfPs±Cf PrC-C,CΠPj PIC-PePsPj PrPs 10 CfPsPeC-PI PSPμPjP°C''.

P'PμP·PïPμPeP° C,P° PμC,,PμPeC,PëPIPSC-CfC,CH PrP°PïP°PiP»C-C,,P»PsP·PëPSCf PrP»CΠ P»C-PeCfPIP°PSPSCΠ CfPμCfC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- P°P±Ps P»C-PeCfPIP°PSPSCΠ C...CfPsPSC-C†PSPsC— C...PIPsCfPsP±Pë PSPëCfPsPe PrP»CΠ PrC-C,PμPNë PIC-PePsPj ' 18 CfPsPeC-PI PSP° C†PμPNë C†P°Cf C%Pμ PSPμ PICfC,P°PSPsPIP»PμPSC-. P''P°PSC- PIC-PrCfCfC,PSC-.

PμPμCfPμPrPsP·CzPIP°PSPSCΠ.

P''P°PïP°PiP»C-C,,P»PsP·PëPS PSPμ PïCfPsPrPμPjPsPSCfC,CfCfPIP°PI P¶PsPrPSPëC... PsP·PSP°Pe C,PsPeCfPëC†PSPsCfC,C- Cf P·PrPsCfPsPIPëC... CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PμPSPSCΠ PïCfPë PïPμCfPsCfP°P»CHPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-CfP°P·PsPIPëC... PrPsP· PrPs 500 PjPi (PI 50 CfP°P·C-PI PIPëC%Pμ PjP°PeCfPëPjP°P»CHPSPsC— CfPμPePsPjPμPSPrPsPIP°PSPsC— PrPsP·Pë PrP»CΠ P»CHPrPëPSPë). Pj C†PëC... CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PμPSPSCΠ PjPsP¶PSP° P±CfP»Ps PIPëCΠPIPëC,Pë PiP»CHPePsP·Cf PI CfPμC†C- PïCfPsC,CΠPiPsPj PrPsP·PsP·P°P»PμP¶PSPsPiPs PïPμCfC-PsPrCf C†P°CfCf (PSPμ PjPμPSC€Pμ 5 PrPSC-PI PrP»CΠ PrPsP·Pë 500 PjPi) P±PμP· PIPëPïP°PrPeC-PI PrPμPiC-PrCfP°C,P°C†C-C—, P°CfC,PμCfC-P°P»CHPSPsC— PiC-PïPsC,PμPSP·C-C— P°P±Ps PμP»PμPeC,CfPsP»C-C,PSPsPiPs PrPëCfP±P°P»P°PSCfCf, P° C,P°PePsP¶ P±PμP· PeP»C-PSC-C†PSPs P·PSP°C†CfC%PsC— PrC-C— PSP° C-PSC,PμCfPIP°P» QTc. P§P°CfC,PsC,P° CfPsP·PIPëC,PeCf PiC-PïPsPiP»C-PePμPjC-C— P±CfP»P° PïPsPrC-P±PSPsCf PrPs C†P°CfC,PsC,Pë PI PiCfCfPiC-P·P°CfC,PsCfCfPIP°PSPSCΠ PïP»P°C†PμP±Ps. Pj PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSPSCΠC..., PI CΠPePëC... P·P°CfC,PsCfPsPICfPIP°P»PëCfCΠ PrPsP·Pë PrPs 100 PjPi PsPrPëPS CfP°P· PSP° PrPsP±Cf (PI 10 CfP°P·C-PI PIPëC%Pμ PjP°PeCfPëPjP°P»CHPSPsC— CfPμPePsPjPμPSPrPsPIP°PSPsC— PrPsP·Pë PrP»CΠ P»CHPrPëPSPë) PïCfPsC,CΠPiPsPj 2 C,PëP¶PSC-PI P·PrPsCfPsPIPëPj CfC†P°CfPSPëPeP°Pj PrPsCfP»C-PrP¶PμPSPSCΠ C,P° PïP°C†C-C''PSC,P°Pj P· C†CfPeCfPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPiCf, C†P°CfC,PsC,P° PIPëPSPëPePSPμPSPSCΠ PiC-PïPsPiP»C-PePμPjC-C— P±CfP»P° C,CfPsC...Pë PIPëC%PsCf, PSC-P¶ Cf PiCfCfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ PïP»P°C†PμP±Ps, C- PSPμ P±CfP»P° PrPsP·PsP·P°P»PμP¶PSPsCf. P§P°CfC,PsC,P° PïPsP±C-C†PSPëC... CfPμP°PeC†C-PNë, PIPeP»CHC†P°CHC†Pë PrPμPiC-PrCfP°C,P°C†C-Cf P°P±Ps P°CfC,PμCfC-P°P»CHPSCf PiC-PïPsC,PμPSP·C-Cf, P±CfP»P° PïPsPrC-P±PSPsCf PrPs C†P°CfC,PsC,Pë Cf PiCfCfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ PïP»P°C†PμP±Ps; PeP»C-PSC-C†PSPs P·PSP°C†CfC%C- PrPsP·PsP·P°P»PμP¶PSC- P·PjC-PSPë PI P»P°P±PsCfP°C,PsCfPSPëC... PïPsPeP°P·PSPëPeP°C..., PIPeP»CHC†P°CHC†Pë CfC-PIPSC-PμP»PμPeC,CfPsP»C-C,C-PI C,P° P±C-PsPjP°CfPePμCfC-PI C,,CfPSPeC†C— PSPëCfPsPe Cf CfPëCfPsPIP°C,C†C- PeCfPsPIC-, PSPμ PIC-PrPjC-C†P°P»PëCfCΠ.

Pj PIPëPïP°PrPeCf PïPμCfPμPrPsP·CfPIP°PSPSCΠ CfP»C-Pr CfPsP·PïPsC†P°C,Pë

PIC-PrPīPsPIC-PrPSPμ PīC-PrC,CḡPēPjCfPIP°P»CHbPSPμ P»C-PeCfPIP°PSPSCl, C%Ps
PIPēP·PSP°C‡P°C”C,CHCfCl PeP»C-PSC-C‡PSPēPj ClC,P°PSPsPj PīP°C‡C-C”PSC,P°.
P’PēPIPμPrPμPSPSCl PrP°PīP°PiP»C-C,,P»PsP·PēPSCf P·P° PrPsPīPsPjPsPiPsCḡ
PiPμPjPsPrC-P°P»C-P·Cf PSPμ PIPēPIC‡P°P»PsCfCl.

PμPsP±C-C‡PSC- CḡPμP°PeC‡C-C—

P PμP·CḡPjPμ PīCḡPsC,,C-P»Cḡ P±PμP·PiPμPePē

P|CfPeCḡPsPIPēPNε PrC-P°P±PμC, 2 C,PēPīCf

PJ PeP»C-PSC-C‡PSPēC... PrPsCfP»C-PrP¶PμPSPSClC... PrC-P°P±PμC,Cf 2 C,PēPīCf PīPsPSP°Pr
15 000 PīP°C‡C-C”PSC,C-PI PsC,CḡPēPjCfPIP°P»Pē P»C-PeCfPIP°PSPSCl
PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj.

PμCḡPsPIPμPrPμPSPs PīPμCḡPIPēPSPSCf PsC‡C-PSPeCf P±PμP·PiPμPePē C,P°
PīPμCḡPμPSPsCfPēPjPsCfC,C- Cf PīPsPīPμCḡPμPrPSCḡPs P·P°PīP»P°PSPsPIP°PSPsPjCf
PsP±bḡ™C”PrPSP°PSPsPjCf P°PSP°P»C-P·C- 13 PePsCḡPsC,PePsCfC,CḡPsPePsPIPēC... (PrPs 24
C,PēP¶PSC-PI) PīP»P°C‡PμP±Ps-PePsPSC,CḡPsP»CHbPsPIP°PSPēC...
PrPsCfP»C-PrP¶PμPSPSClC..., P·P° CfC‡P°CfC,C- 2360 PīP°C‡C-C”PSC,C-PI, ClPeC-
PsC,CḡPēPjCfPIP°P»Pē PrP°PīP°PiP»C-C,,P»PsP·PēPS Cf PrPsP·C- 10 PjPi C- 2295, ClPeC-
PsC,CḡPēPjCfPIP°P»Pē PīP»P°C‡PμP±Ps.

PJ PeP»C-PSC-C‡PSPsPjCf PrPsCfP»C-PrP¶PμPSPSC- PIPīP»PēPICf
PrP°PīP°PiP»C-C,,P»PsP·PēPSCf PSP° ClPμCḡC‡PμPIPs-ClCfPrPēPSPSCf ClPēCfC,PμPjCf Cf
PīP°C‡C-C”PSC,C-PI P· C‡CfPeCḡPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPīCf
(PrPsCfP»C-PrP¶PμPSPSCl DECLARE,
PrPēPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPrPēPSP°PjC-PeP°B») 8574 PīP°C‡C-C”PSC,C-PI
PsC,CḡPēPjCfPIP°P»Pē PrP°PīP°PiP»C-C,,P»PsP·PēPS Cf PrPsP·C- 10 PjPi C,P° 8569
PīP°C‡C-C”PSC,C-PI PsC,CḡPēPjCfPIP°P»Pē PīP»P°C‡PμP±Ps PrP»Cl ClPμCḡPμPrPSCḡPsPiPs
C‡P°CfCf PμPeCfPīPsP·PēC‡C-C— 48 PjC-ClCfC‡C-PI. PJCfCHbPsPiPs P±CfP»Ps 30623
PīP°C‡C-C”PSC,Ps-CḡPsPeC-PI PμPeCfPīPsP·PēC‡C-C— PrP°PīP°PiP»C-C,,P»PsP·PēPSCf.

PkP°PNεP±C-P»CHbC€ C‡P°CfC,PsCḡ PīPsP±C-C‡PSPsCḡ CḡPμP°PeC‡C-C”Cḡ PīCḡPsC,ClPiPsPj
PeP»C-PSC-C‡PSPēC... PrPsCfP»C-PrP¶PμPSCḡ P±CfP»Pē PiPμPSC-C,P°P»CHbPSC-
C-PSC,,PμPeC‡C-C—.

$$\begin{array}{l} \text{P}-\text{P}^{\circ}\text{PiP}^{\circ}\text{P}\gg\text{CHbPSPePN}_{\text{e}}\text{PiC}\overline{\text{H}}\text{PsC}_{,,}\text{C-P}\gg\text{CHbP}\pm\text{P}_{\text{u}}\text{P}\cdot\text{PiP}_{\text{u}}\text{PePePrP}^{\circ}\text{PiP}^{\circ}\text{PiP}\gg\text{C-C}_{,,}\text{P}\gg\text{PsP}\cdot\text{PePSCrPI} \\ \text{PiP}^{\circ}\text{C}\overline{\text{I}}\text{C-C}^{\circ}\text{PSC}_{,,}\text{C-PI C-P}\cdot\text{C...C}\overline{\text{H}}\text{PsPSC-C}\ddagger\text{PSPsC}\overline{\text{H}}\text{C...PIPsC}\overline{\text{H}}\text{PsP}\pm\text{PsC}\overline{\text{H}}\text{PSPeC}\overline{\text{H}}\text{PsPe} \end{array}$$

PIC-PrPİPsPIC-PrP°PI PIC-PrPsPjPsPjCı PİCĤPsC,,C-P»CĤ P±PμP·PİPμPePë
PrP°PİP°PiP»C-C,,P»PsP·PëPSCı.

PμPμCĤPμP»C-Pe PİPsP±C-C±PSPëC... CĤPμP°PeCıC-PNë

PıP°PIPμPrPμPSC- PSPëP¶CıPμ PİPsP±C-C±PSC- CĤPμP°PeCıC-C— P±CıP»Pë
C-PrPμPSC,PëC,,C-PePsPIP°PSC- Cı PİP»P°CıPμP±Ps-PePsPSC,CĤPsP»CHbPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCıP»C-PrP¶PμPSPSCıC.... P'CıC,P°PSPsPIP»PμPSPs, C%oPs
P¶PsPrPSP° P·PSPëC... PSPμ P±CıP»P° PrPsP·PsP·P°P»PμP¶PSPsCĤ. PμPsP±C-C±PSC-
CĤPμP°PeCıC-C— PeP»P°CıPëC,,C-PeCıCĤC,CĤCıCıCı P·P° CıP°CıC,PSC,PsCĤ C,P°
CıPëCıC,PμPjP°PjPë PsCĤPİP°PSC-PI. PıP°C,PμPİPsCĤC-C— CıP°CıC,PSC,Pë
PIPëP·PSP°CıP°P»PëCıCıCı P·PİC-PrPSPs P·C,P°PePëPjPë PeCĤPëC,PμCĤC-CıPjPë:
PrCıP¶Pμ CıP°CıC,Ps (≥ 1/10); CıP°CıC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10);
PSPμCıP°CıC,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100); CĤC-PrPePs (PIC-Pr ≥ 1/10000 PrPs <
1/1000); PrCıP¶Pμ CĤC-PrPePs (< 1/10 000); CıP°CıC,PSC,P° PSPμPIC-PrPsPjP°
(PSPμPjPsP¶P»PëPIPs PsCıC-PSPëC,Pë PSP° PsCıPSPsPIC- PSP°CıPIIPSPëC... PrP°PSPëC...).

*PıP°P±P»PëCıCıCı 6. PμPsP±C-C±PSC- CĤPμP°PeCıC-C— Cı PİP»P°CıPμP±Ps-
PePsPSC,CĤPsP»CHbPsPIP°PSPëC... PrPsCıP»C-PrP¶PμPSPSCıC...^{P°} C,P°
PİC-CıP»CıCĤPμC''CıC,CĤP°CıC-PNëPSPëPNë PrPsCıPIC-Pr P·P°CıC,PSCıCıPİP°PSPSCıCı*

<i>PVPeCıC,PμPjP° PsCĤPİP°PSC-PI</i>	<i>P°CıP¶Pμ CıP°CıC,Ps</i>	<i>PsP°CıC,Ps*</i>	<i>PıPμCıP°CıC,Ps**</i>	<i>P C-PrPePs</i>	<i>P°CıP¶Pμ CĤC-PrPePs</i>
PİPSC,PμPeCıC-C— C,P° C-SPSPİP°P·C-C—		P'CrP»CHbPIPsPIP°PİC-PSC-C,, P±P°P»P°PSC-C, C- CıCıPİCıC,PSC- C-PSC,PμPeCıC-C— CıC,P°C,PμPIPeC... PsCĤPİP°PSC-PI ^{2±,Pı} PıPSC,PμPeCıC-CıCı CıPμCıPsPIPePIC-PrPSPëC...	P'CHbPëP±PePsPIP° C-PSC,PμPeCıC-CıCı		PıPμPeCĤPsC,PëCı-PSPëPNë C,,P°CıCıPëC-C, PİCĤPsPjPμP¶PePSPë (PİP°PSPİCĤPμPSP° P»CıCĤPSCĤC'') ^{P°-Pı}
P— P±PsPeCı PsPıPjC-PSCı CĤPμCıPsPIPePS C- C...P°CĤCıCıPİP°PSPSCıCı	P°C-PİPsPıP°C-PePμPjC-CıCı (Cı CĤP°P·C- P·P°CıC,PSCıCıPİP°PSPSCıCı Cı PePsPjP±C-PSP°CıC-C— C-P. PıPı P°P±Ps C-PSCıCıP°C-PSPsPj) ^{2±}		P—PjPμPSCëPμPSPSCıCı PsP±PıP°CıPıCı PİPsP·P°PeP»C-C,PëPSPsPsC— CĤC-PrPëPSPë ^{2±,Pı} PıPİCĤP°PıP°	P°C-P°P±PμC,PëCıPSPëPNë PePμC,PSP°CıPëPrPsP· (PİCĤPë P·P°CıC,PSCıCıPİP°PSPSC- PİCĤPë CıCıPeCĤPsPIPsPjCı PrC-P°P±PμC,C- 2 C,PëPıCı) ^{2±,Pı,Pı}	
P— P±PsPeCı PSpμCĤPİPsPIPsC— CıPëCıC,PμPjPë		P—P°PıP°PjPsCĤPsCıPμPSPSCıCı			
P— P±PsPeCı C,CĤP°PIPSPsC— CıPëCıC,PμPjPë			P—P°PİPsCĤı PıCıC...C-CıC,CĤ Cı CĤPsC,C—		
P— P±PsPeCı CëPeC-CĤPë C,P° C—C— PİPsC...C-PrPSPëC...		P°PeCıPëPı ^{2±}			PıPSPİC-PsPrPμPjP°
P— P±PsPeCı PeC-CıC,PePsPIPs- PıPıPıCıP·PsPIPsC— CıPëCıC,PμPjPë C,P° CıPİPsP°CıCıPSPsC— C,PëP°PSPëPSPë		P°C-P»CH Cı CıPİPePSC-ı			
P— P±PsPeCı PSpëCĤPsPe C- CıPμCıPsPIPePIC-PrPSPëC... CëP»CıCı...C-PI		P°PëP-CıCĤC-CıCı PμPsP»C-CıCĤC-CıCı ^{ıı}	PıC-PeC,CıCĤC-CıCı		PıCıP±CıP»PsC-PSC,PıCĤ-CıC,PëCıC-P°P»CHbPSPëPNë PSPμC,CĤPëC,
P— P±PsPeCı CĤPμPİCĤPsPrCıPeC,PëPI-PSPsC— CıPëCıC,PμPjPë C,P° PjPsP»PsCıPSPëC... P·P°P»PsP·			PıPıPıCĤP±C-P¶ Cı PrC-P»CıPSCıC- PıCıP»CHbPİP C,P° PİC-C...PİPë ^{ıı} PıPıPıCĤP±C-P¶ Cı PrC-P»CıPSCıC- CıC,P°C,PıPİPëC... PsCĤPİP°PSC-PI ^{ıı}		
P°C-PrC...PëP»PμPSPSCıCı PIC-Pr PSPsCĤPjPë, PİPëCıPİP°PμPSC- Cı CĤPμP·CıP·CHbC,P°C,C- P·P°P±PsCĤP°C,PSCĤPSPëC... PrPsCıP»C-PrP¶PμPSCĤb		PıC-PrPİPëC%PμPSPëPNë PıPμPjPıP°C,PSCıCıPëC,ıı P—PSPëP¶PμPSPëPNë PSPëCĤPıPİPëPNë PeP»C-CĤPıPSCıCı PeCĤPıP°C,PëPSC-PSCıCı PıCĤPsC,CıPİPsPj PİPsCıP°C,PëPsPIPsPİPs P°C-PeCıPİP°PSPSCıCı ^{ıı} P°PëCıP»C-PİC-PrPμPjC-CıCı ^{ıı}	PıC-PrPİPëC%PμPSPëPNë CĤC-PıPıPSCĤb PeCĤPıP°C,PëPSC-PSCıCı PeCĤPsPIC- PİCıPsC,CıPİPsPj PİPsCıP°C,PëPsPIPsPİPs P°C-PeCıPİP°PSPSCıCı ^{ıı} PıC-PrPİPëC%PμPSPëPNë CĤC-PıPıPSCĤb CıPμCıPsPIPePSPë PeCĤPsPIC-ıı P—PjPμPSCëPμPSPSCıCı PıP°CıPë C,C-P»P°		

P° Pj C,P°P±P»PëCıC- PİCĤPμPrCıC,P°PIP»PμPSC- PrP°PSC- P·P° PİPμCĤC-PsPr
C,CĤPëPIP°P»C-CıC,CĤ PrPs 24 C,PëP¶PSC-PI (PePsCĤPsC,PëPsCıC,CĤPsPePsPIC- PrP°PSC-),
PSPμP·P°P»PμP¶PSPs PIC-Pr PSP°PrP°PSPSCıCı PSPμPIC-PrPeP»P°PrPSPsC— PrPsPİPsPjPsPİPë Cı

C₇H^oP·C- P_iC-PrPIPëC%P_μPSPSC_Π C_‡Pë P·PSPëP_¶P_μPSPSC_Π C₇H-C-PIPSC_Π P_iP»C₇H_{Pe}PsP·Pë
PeC₇H_{Ps}PIC-.

P[±] P^oPsPrP^oC,PePsPIC_í C-PSC,,PsC₇H_{Pj}P^oC_‡C-C₇H_{Pj}PsP_¶PSP^o P·PSP^oPN_εC,Pë C_í
PIC-PrP_iPsPIC-PrPSPëC... P_iC-PrC₇H_{Ps}P·PrC-P»P^oC... PSPëP_¶C_‡P_μ.

P^I P^oPs PIC_íP»C₇H_{PI}PsPIP^oP_iC-PSC-C,C_í, P_±P^oP»P^oPSC-C,C_í C,P^o C_íC_íP_iC_íC,PSC-C...
C-PSC,,P_μPeC_‡C-PN_ε C_íC,P^oC,P_μPIPëC... PsC₇H_{Pi}P^oPSC-PI PSP^oP»P_μP_¶P^oC,CH₇,
PSP^oP_iC₇H_{Pë}PeP»P^oPr, C,P^oPeC- P_iPsP_iP_μC₇H_{Pμ}PrPSC_HPs PIPëP·PSP^oC_‡P_μPSC- C,P_μC₇H_{Pj}C-PSPë
P_iP_μC₇H_{Pμ}PIP^oP_¶PSPsP_iPs PIPëPePsC₇H_{Pë}C_íC,P^oPSPSC_Π: PIC_íP»C₇H_{PI}PsPIP^oP_iC-PSP^oP»C₇H_{PS}P^o
PiC₇H_{Pë}P_±PePsPIP^o C-PSC,,P_μPeC_‡C-C_Π, PIP^oP_iC-PSP^oP»C₇H_{PS}P^o C-PSC,,P_μPeC_‡C-C_Π,
P_±P^oP»P^oPSC-C,, PiC₇H_{Pë}P_±PePsPIP^o C-PSC,,P_μPeC_‡C-C_Π C_íC,P^oC,P_μPIPëC... PsC₇H_{Pi}P^oPSC-PI,
PIC_íP»C₇H_{PI}PsPIP^oP_iC-PSP^oP»C₇H_{PS}PëPN_ε PeP^oPSPrPëPrPsP·, PIC_íP»C₇H_{PI}PsPIP^oP_iC-PSC-C,,
PeP^oPSPrPëPrPsP·PSPëPN_ε P_±P^oP»P^oPSC-C,, PeP^oPSPrPëPrPsP· C_íC,P^oC,P_μPIPëC...
PsC₇H_{Pi}P^oPSC-PI, C-PSC,,P_μPeC_‡C-C_Π C_íC,P^oC,P_μPIPëC... PsC₇H_{Pi}P^oPSC-PI, C-PSC,,P_μPeC_‡C-C_Π
C_‡PsP»PsPIC-C_‡PëC... C_íC,P^oC,P_μPIPëC... PsC₇H_{Pi}P^oPSC-PI, C-PSC,,P_μPeC_‡C-C_Π P_iP_μPSC-C_íP^o,
PIC_íP»C₇H_{PI}C-C,, P_±P^oPeC,P_μC₇H-C-P^oP»C₇H_{PS}PëPN_ε PIP^oP_iC-PSC-C,, P^oP_±C_íC_‡P_μC_í
PIC_íP»C₇H_{PI}Pë.

P_i P^oPs C-PSC,,P_μPeC_‡C-PN_ε C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_εP»C_ΠC...C-PI PSP^oP»P_μP_¶P^oC,CH₇
C,P^oPeC- C,P_μC₇H_{Pj}C-PSPë P_iP_μC₇H_{Pμ}PIP^oP_¶PSPsP_iPs PIPëPePsC₇H_{Pë}C_íC,P^oPSPSC_Π,
PSP^oPIP_μPrP_μPSC- C_í P_iPsC₇H_{C_Π}PrPeC_í C_‡P^oC_íC,PsC,Pë: C-PSC,,P_μPeC_‡C-C_Π
C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_εP»C_ΠC...C-PI, C_‡PëC_íC,PëC,, P_μC_εP_μC₇H_{Pë}C...C-PsP·PSP^o
C-PSC,,P_μPeC_‡C-C_Π C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_εP»C_ΠC...C-PI, C-PSC,,P_μPeC_‡C-C_Π
C_íP_μC_‡PsC_íC,P^oC,P_μPIPëC... C_εP»C_ΠC...C-PI, P_iC-C^oP»PsPSP_μC,,C₇H_{Pë}C,, C,C₇H_{Pë}P_iPsPSC-C,,
C_íC₇H_{Pμ}C,C₇H_{Pë}C,, C-PSC,,P_μPeC_‡C-C_Π PSPëC₇H_{Ps}Pe C,P^o P_iC₇H_{Ps}C_íC,P^oC,PëC,.

T^o P^oPs P·P_jP_μPSC_εP_μPSPSC_Π PsP_±б₇[™] C^oP_jC_í P_iPsP·P^oPeP»C-C,PëPSPSPsC— C₇H-C-PrPëPSPë
PSP^oP»P_μP_¶P^oC,CH₇, PSP^oP_iC₇H_{Pë}PeP»P^oPr, C,P^oPeC- P_iPsP_iP_μC₇H_{Pμ}PrPSC_HPs
PIPëP·PSP^oC_‡P_μPSC- C,P_μC₇H_{Pj}C-PSPë P_iP_μC₇H_{Pμ}PIP^oP_¶PSPsP_iPs PIPëPePsC₇H_{Pë}C_íC,P^oPSPSC_Π:
PrP_μP_iC-PrC₇H_{P^o}C,P^oC_‡C-C_Π, P_iC-P_iPsPIP_sP»P_μP_jC-C_Π, P^oC₇H_C,P_μC₇H-C-P^oP»C₇H_{PS}P^o
P_iC-P_iPsC,P_μPSP·C-C_Π.

Pr P^oPs P_iPsP»C-C_íC₇H-C— PSP^oP»P_μP_¶P^oC,CH₇ C,P^oPeC- C,P_μC₇H_{Pj}C-PSPë
P_iP_μC₇H_{Pμ}PIP^oP_¶PSPsP_iPs PIPëPePsC₇H_{Pë}C_íC,P^oPSPSC_Π: P_iPsP»P^oPeC-C_íC₇H-C-C_Π,
P_iPsP»C-C_íC₇H-C-C_Π, P·P_±C-P»C₇H_{C_ε}P_μPSPSC_Π PsP_±б₇[™] C^oP_jC_í
C_íP_μC_‡PsPIPëP_iC_íC_íPeP^oPSPSC_Π.

P_μ P_¶P_μC₇H_{Pμ}PrPSC_Π P·P_jC-PSP^o PIC-Pr PIPëC...C-PrPSPsP_iPs C₇H-C-PIPSC_Π
P_iP_μP_jP^oC,PsPeC₇H_{Pë}C,C_í C_íC,P^oPSPsPIPëP»P^o 2,30 % C_í C₇H^oP·C- P·P^oC_íC,PsC_íC_íPIP^oPSPSC_Π
PrP^oP_iP^oP_iP»C-C,,P»PsP·PëPSC_í C_í PrPsP·C- 10 P_jP_i P_iPsC₇H-C-PIPSC_ΠPSPs P· б₇^o0,33 % C_í
C₇H^oP·C- P·P^oC_íC,PsC_íC_íPIP^oPSPSC_Π P_iP»P^oC_‡P_μP_±Ps. P_μPsPeP^oP·PSPëPePë
P_iP_μP_jP^oC,PsPeC₇H_{Pë}C,C_í > 55 % C_íP_iPsC_íC,P_μC₇H-C-P_iP^oP»PëC_íC_Π C_í 1,3 %
P_iP^oC_‡C-C^oPSC,C-PI, C_ΠPeC- PsC,C₇H_{Pë}P_jC_íPIP^oP»Pë PrP^oP_iP^oP_iP»C-C,,P»PsP·PëPS C_í PrPsP·C-
10 P_jP_i P_iPsC₇H-C-PIPSC_ΠPSPs P· 0,4 % P_iP^oC_‡C-C^oPSC,C-PI, C_ΠPeC- PsC,C₇H_{Pë}P_jC_íPIP^oP»Pë
P_iP»P^oC_‡P_μP_±Ps.

C^o P_¶P_μC₇H_{Pμ}PrPSC_Π P·P_jC-PSP^o C_í PIC-PrC_íPsC,PeP^oC... PIC-Pr PIPëC...C-PrPSPsP_iPs
C₇H-C-PIPSC_Π C_í C₇H^oP·C- P·P^oC_íC,PsC_íC_íPIP^oPSPSC_Π PrP^oP_iP^oP_iP»C-C,,P»PsP·PëPSC_í C_í

PrPsP·C- 10 PjPi PīPsCḡC-PIPSCḡPSPs P· PīP»P°C†PμP±Ps CḡC,P°PSPsPIPēP»P°
 PIC-PrPīPsPIC-PrPSPs: P·P°PīP°P»CHbPSPēPNē C...PsP»PμCḡC,PμCḡPēPS 2,5 % PīCḡPsC,Pē 0,0 %;
 C...PsP»PμCḡC,PμCḡPēPS P»C-PīPsPīCḡPsC,PμC—PrC-PI PIPēCḡPsPePsC—
 C%oC-P»CHbPSPsCḡC,C- (P>PμP°P©) 6,0 % PīCḡPsC,Pē 2,7 %; C...PsP»PμCḡC,PμCḡPēPS
 P»C-PīPsPīCḡPsC,PμC—PrC-PI B PSPēP·CHbPePsC— B C%oC-P»CHbPSPsCḡC,C- B (P>PμP°P©)
 B 2,9 % B PīCḡPsC,Pē B ႁḡ“1,0 %; C,CḡPēPīP»C-C†PμCḡPēPrPē ႁḡ“2,7 % PīCḡPsC,Pē ႁḡ“0,7 %.

PḡP°PēPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPSCḡC,C- P·P°CḡC,PsCḡC†PIP°PSPSCḡB».

^P PμPsP±C-C†PSP° CḡPμP°PeC†C-Cḡ P±C†P»P°B PICḡC,P°PSPsPIP»PμPSP° PI C...PsPrC-
 PīC-CḡP»CḡCḡPμC”CḡC,CḡP°C†C-PNēPSPsPiPsB CḡPīPsCḡC,PμCḡPμPḡPμPSPSCḡ.
 P°P°PIPμPrPμPSC- PSPēPḡC†Pμ C,PμCḡPjC-PSPē PīPμCḡPμPIP°PḡPSPsPiPs
 P·P°CḡC,PsCḡC†PIP°PSPSCḡ, C%oPs CḡC,PsCḡC†CḡC,CHbCḡCḡ PIPēCḡPēPīCḡ,
 PīPμCḡPμP»C-C†PμPSC- PIB PīPsCḡCḡPrPeCḡ C†P°CḡC,PsC,PēB
 PīPsPIC,PsCḡCḡPIP°PSPsCḡC,C-B Cḡ PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrPḡPμPSPSCḡC...:
 PIPēCḡPēPī, PīPμPSPμCḡP°P»C-P·PsPIP°PSPēPNē PIPēCḡPēPī, PIPēCḡPēPī P·C-
 CḡPIPμCḡP±PμPḡPμPj, PjP°PeCḡP»CHbPsP·PSPēPNē PIPēCḡPēPī, PjP°PeCḡP»Ps-
 PīP°PīCḡP»CHbPsP·PSPēPNē PIPēCḡPēPī, PīCḡCḡC,CḡP»CHbPsP·PSPēPNē PIPēCḡPēPī,
 PIPμP·PēPeCḡP»CHbPsP·PSPēPNē PIPēCḡPēPī C,P° PμCḡPēC,PμPjP°C,PsP·PSPēPNē PIPēCḡPēPī. P’
 P°PeC,PēPIPSPs- C,P° PīP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHbPsPIP°PSPēC...
 PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrPḡPμPSPSCḡC... (PrP°PīP°PīP»C-C,,P»PsP·PēPS, N = 5936;
 CḡCḡC- PePsPSC,CḡPsP»C-, N = 3403) C†P°CḡC,PsC,P° PIPēCḡPēPīCḡ P±C†P»P°
 PīPsPrC-P±PSPsCḡ Cḡ CḡP°P·C- P·P°CḡC,PsCḡC†PIP°PSPSCḡ PrP°PīP°PīP»C-C,,P»PsP·PēPSCḡ
 (1,4 %) C,P° CḡCḡC-C... PePsPSC,CḡPsP»CHbPSPēC... P»C-PeP°CḡCḡCHbPePēC... P·P°CḡPsP±C-PI
 (1,4 %).

^{Pē} PμCḡPs C†Pμ PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PI PeP»C-PSC-C†PSPsPjCḡ
 PrPsCḡP»C-PrPḡPμPSPSC- P· PsC†C-PSPēPē CḡPμCḡC†PμPIPSCḡCḡPrPēPSPSPēC... PīPsPrC-PNē
 Cḡ PīP°C†C-C”PSC,C-PI P· PrC-P°P±PμC,PsPj 2 C,PēPīCḡ (DECLARE). PḡP°CḡC,PsC,P°
 T’CḡCḡPSC,CḡC”C,CHbCḡCḡ PSP° CḡC-C†PSPsPjCḡ PīPsPeP°P·PSPēPeCḡ.

* PḡPīPsCḡC,PμCḡC-PiP°P»PēCḡCḡ Cḡ ≥ 2 % PīP°C†C-C”PSC,C-PI C,P° PSP° ≥ 1 % C-
 PīCḡPēPSP°PNēPjPSC- PSP° 3 PIPēPīP°PrPePē C†P°CḡC,C-CēPμ Cḡ PīP°C†C-C”PSC,C-PI, CḡPeC-
 PsC,CḡPēPjCḡPIP°P»Pē PrP°PīP°PīP»C-C,,P»PsP·PēPS Cḡ PrPsP·C- 10 PjPi, PīPsCḡC-PIPSCḡPSPs
 P· PīP»P°C†PμP±Ps.

** PhC†C-PSPμPSC- PrPsCḡP»C-PrPSPēPePsPj CḡPe PjPsPḡP»PēIPs PīPsPIbḡ™ CḡP·P°PSC-
 P°P±Ps PīPsPIbḡ™ CḡP·P°PSC- P· PrPsCḡP»C-PrPḡCḡPIP°PSPēPj P»C-PeCḡPIP°PSPSCḡPj
 C- CḡPīPsCḡC,PμCḡC-PiP°P»PēCḡCḡ Cḡ ≥ 0,2 % PīP°C†C-C”PSC,C-PI C,P° PSP° ≥ 0,1 %
 C- PīCḡPēPSP°PNēPjPSC- PSP° 3 PIPēPīP°PrPePē C†P°CḡC,C-CēPμ Cḡ
 PīP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPēPjCḡPIP°P»Pē PrP°PīP°PīP»C-C,,P»PsP·PēPS Cḡ
 PrPsP·C- 10 PjPi, PīPsCḡC-PIPSCḡPSPs P· PīP»P°C†PμP±Ps.

PhPīPēCḡ PsPeCḡPμPjPēC... PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNē

P’CḡP»CHbIPsPIP°PiC-PSC-C,, P±P°P»P°PSC-C, C,P° PīPsPIbḡ™ CḡP·P°PSC- C-PSC,,PμPeC†C-C—
 CḡC,P°C,PμPIPēC... PsCḡPīP°PSC-PI

PJ 13 PsP±BTMC"PrPSP°PSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍC... P±PµP·PiPµPePë,
 PICrP»CHPIPsPIP°PiC-PSC-C,, P±P°P»P°PSC-C, C,P° PiPsPIBTMCÍP·P°PSC- C-PSC,,PµPeC†C-C—
 CÍC,P°C,PµPIPëC... PsC₇PIP°PSC-PI CÍPiPsCÍC,PµC₇C-PiP°P»PëCÍCH Cr 5,5 % C- 0,6 %
 CÍCrP±BTMC"PeC,C-PI, C%Ps PsC,C₇PëPjCrPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr
 PrPsP·CrPIP°PSPSC- 10 PjPi C- PiP»P°C†PµP±Ps PIC-PrPiPsPIC-PrPSPs. PJ
 P±C-P»CHC€PsCÍC,C- PIPëPiP°PrPeC-PI C-PSC,,PµPeC†C-C— P±CrP»Pë P»PµPiPePsPiPs P°P±Ps
 CÍPµC₇PµPrPSC₇PsPiPs CÍC,CrPiPµPSCÍ C,CÍP¶PePsCÍC,C-, Cr PiP°C†C-C"PSC,C-PI
 PIC-PrP·PSP°C†P°P»P°CÍCÍ PIC-PrPiPsPIC-PrCH PSP° PiPsC†P°C,PePsPIPëPNë PeCÍC₇CÍ
 CÍC,P°PSPrP°C₇C,PSPsPiPs P»C-PeCÍPIP°PSPSCÍ, C- C,P°PeC- CÍPIPëC%P° C₇C-PrPePs
 CÍC,P°PIP°P»Pë PiC₇PëC†PëPSPsC₇ PiC₇PëPiPëPSPµPSPSCÍ P»C-PeCÍPIP°PSPSCÍ
 PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj. P|C- C-PSC,,PµPeC†C-C— C†P°CÍC,C-C€Pµ
 CÍPiPsCÍC,PµC₇C-PiP°P»PëCÍCÍ Cr P¶C-PSPsPe (8,4 % C,P° 1,2 % Cr C₇P°P·C-
 P·P°CÍC,PsCÍCrPIP°PSPSCÍ PrP°PiP°PiP»C-C,,P»PsP·PëPSCr C,P° PiP»P°C†PµP±Ps
 PIC-PrPiPsPIC-PrPSPs), P° PNëPjPsPIC-C₇PSC-CÍC,CH C₇PµC†PëPrPëPICr C-PSC,,PµPeC†C-C—
 P±CrP»P° PIPëC%PsC₇ Cr PiP°C†C-C"PSC,C-PI P· PiPsPrC-P±PSPëPjPë PiC₇PsP±P»PµPjP°PjPë
 PI P°PSP°PjPSPµP·C-.

PJ PeP»C-PSC-C†PSPsPjCr PrPsCÍP»C-PrP¶PµPSPSC- DECLARE PeC-P»CHPeC-CÍC,CH
 PiP°C†C-C"PSC,C-PI C-P· CÍPµC₇PNëPsP·PSPëPjPë PiPsP±C-C†PSPëPjPë C₇PµP°PeC†C-CÍPjPë
 PiPµPSC-C,P°P»CHPSPëC... C-PSC,,PµPeC†C-PNë P±CrP»P° PjP°P»PsC₇ C,P°
 P·P±P°P»P°PSCÍPsPIP°PSPsC₇: 2 PiP°C†C-C"PSC,Pë Cr PePsP¶PSC-PNë PiC₇CrPiC-
 PrP°PiP°PiP»C-C,,P»PsP·PëPSCr C,P° PiP»P°C†PµP±Ps.

PJ PrPsCÍP»C-PrP¶PµPSPSC- DAPA-HF P¶PsPrPµPS PiP°C†C-C"PSC, PSPµ PiPsPIC-PrPsPjP»CÍPI
 PiC₇Ps CÍPµC₇PNëPsP·PSC- PiPsP±C-C†PSC- PµC,,PµPeC,Pë Cr PIPëPiP»CÍPrC-
 B C-PSC,,PµPeC†C-PNë CÍC,P°C,PµPIPëC... PsC₇PIP°PSC-PI Cr PiC₇CrPiC-
 PrP°PiP°PiP»C-C,,P»PsP·PëPSCr, Cr PiC₇CrPiC- PiP»P°C†PµP±Ps CÍPiPsCÍC,PµC₇C-PiP°PICÍCÍ
 PsPrPëPS C,P°PePëPNë PIPëPiP°PrPsPe. PJ PiC₇CrPiC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCr P±CrP»Ps
 7 (0,3 %) PiP°C†C-C"PSC,C-PI P· PiPsP±C-C†PSPëPjPë C₇PµP°PeC†C-CÍPjPë, C%Ps
 PiC₇PëP·PIPµP»Pë PrPs PiC₇PëPiPëPSPµPSPSCÍ P»C-PeCÍPIP°PSPSCÍ C†PµC₇PµP·
 PiPµPSC-C,P°P»CHPSC- C-PSC,,PµPeC†C-C—, C- P¶PsPrPSPsPiPs PI PiC₇CrPiC-
 PiP»P°C†PµP±Ps. PJ PrPsCÍP»C-PrP¶PµPSPSC- DELIVER Cr 1 PiP°C†C-C"PSC,P° (< 0,1 %) Cr
 PePsP¶PSC-PNë PiC₇CrPiC- P»C-PeCÍPIP°PSPSCÍ P±CrP»Ps P·P°C,,C-PeCÍPsPIP°PSPs
 CÍPµC₇PNëPsP·PSPµ PiPsP±C-C†PSPµ CÍPIPëC%Pµ Cr PIPëPiP»CÍPrC-
 PiPµPSC-C,P°P»CHPSPsC— C-PSC,,PµPeC†C-C—. PJ PiC₇CrPiC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCr
 PI 3 PiP°C†C-C"PSC,C-PI (0,1 %) P±CrP»Pë P·P°C,,C-PeCÍPsPIP°PSC- PiPsP±C-C†PSC-
 CÍPIPëC%P°, CÍPeC- PiC₇PëP·PIPµP»Pë PrPs PiC₇PëPiPëPSPµPSPSCÍ P»C-PeCÍPIP°PSPSCÍ
 C†PµC₇PµP· PiPµPSC-C,P°P»CHPSC- C-PSC,,PµPeC†C-C—. P'PsPrPSPsC†P°CÍ Cr PiC₇CrPiC-
 PiP»P°C†PµP±Ps PSPµ P±CrP»Ps P¶PsPrPSPsPiPs C,P°PePsPiPs PiP°C†C-C"PSC,P°.

PJ PrPsCÍP»C-PrP¶PµPSPSC- DAPA-CKD PI 3 (0,1 %) PiP°C†C-C"PSC,C-PI PiC₇CrPiPë
 P·P°CÍC,PsCÍCrPIP°PSPSCÍ PrP°PiP°PiP»C-C,,P»PsP·PëPSCr PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ
 PiC₇Ps CÍPµC₇PNëPsP·PSC- PiPsP±C-C†PSC- C₇PµP°PeC†C-C— C-PSC,,PµPeC†C-PNë
 CÍC,P°C,PµPIPëC... PsC₇PIP°PSC-PI, Cr PiC₇CrPiC- PiP»P°C†PµP±Ps PiC₇Ps C,P°PeC-
 PIPëPiP°PrPePë PSPµ PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ. PJ PiC₇CrPiC-
 PrP°PiP°PiP»C-C,,P»PsP·PëPSCr Cr C,C₇CHPsC... (0,1 %) PiP°C†C-C"PSC,C-PI PIPëPSPëPeP»Pë
 PiPsP±C-C†PSC- C₇PµP°PeC†C-C—, C%Ps PiC₇PëP·PIPµP»Pë PrPs PiC₇PëPiPëPSPµPSPSCÍ
 CrC†P°CÍC,C- Cr PrPsCÍP»C-PrP¶PµPSPSC- C†PµC₇PµP· C-PSC,,PµPeC†C-C—

CrCfC-C... PrPsCfP»C-PrP¶PµPSPSC¶C... P·PSP°C±PSC- PµPiC-P·PsPrPë
PiC-PiPsPiP»C-PePµPjC-C— C,ChP°PiP»C¶P»PëCfC¶ PSpµC±P°CfC,Ps C,P° P·
PiPsC¶C-PIPSC¶PSPSPSC¶ C±P°CfC,PsC,PsC¶ Cr PiC¶CfPiP°C... P»C-PeCfPIP°PSPSC¶
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj C- PiP»P°C†PµP±Ps. PJ PrPsCfP»C-PrP¶PµPSPSC¶C...
PePsPjP±C-PSP°C†C-PNë C-P· CfCfP»CHC,,PsPSC-P»CfPµC±PsPIPëPSPsC¶ C,P°
C-PSCfCfP»C-PSPsPj C±P°CfC,PsC,P° PiC-PiPsPiP»C-PePµPjC-C— P±CfP»P° PIPëC%PsC¶
(PrPëPI. ChPsP·PrC-P» B«P'P·P°C"PjPsPrC-C¶ P· C-PSC€PëPjPë P»C-PeP°C¶CfCHPePëPjPë
P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"PjPsPrC-PNëB»).

PJ PrPsCfP»C-PrP¶PµPSPSC- PePsPjP±C-PSP°C†C-C— P· PiP»C-PjPµPiC-ChPëPrPsPj Cr
C,PëP¶PSC- 24 C,P° 48 PSpµP·PSP°C±PSC- PµPiC-P·PsPrPë PiC-PiPsPiP»C-PePµPjC-C—
C±P°CfC,C-C€Pµ CfPiPsCfC,PµC¶C-PiP°P»PëCfC¶ Cr PiC¶CfPiC- P»C-PeCfPIP°PSPSC¶
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C- 10 PjPi C,P° PiP»C-PjPµPiC-ChPëPrPsPj (6,0 % C,P°
7,9 % PIC-PrPiPsPIC-PrPSPs), PSC-P¶ Cr PiC¶CfPiC- PiP»P°C†PµP±Ps C,P°
PiP»C-PjPµPiC-ChPëPrCr (2,1 % C,P° 2,1 % PIC-PrPiPsPIC-PrPSPs).

PJ PrPsCfP»C-PrP¶PµPSPSC- PePsPjP±C-PSP°C†C-C— P· C-PSCfCfP»C-PSPsPj
PiPsPIC-PrPsPjP»C¶P»Pë PiChPs PµPiC-P·PsPrPë PIPëChP°P¶PµPSPsC—
PiC-PiPsPiP»C-PePµPjC-C— Cr 0,5 % C,P° 1,0 % PiP°C†C-C"PSC,C-PI, C¶PeC-
PsC,ChPëPjCfPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C- 10 PjPi C,P° C-PSCfCfP»C-PS
Cr C,PëP¶PSC- 24 C- 104 PIC-PrPiPsPIC-PrPSPs, C,P° Cr 0,5 % PiP°C†C-C"PSC,C-PI, C¶PeC-
PsC,ChPëPjCfPIP°P»Pë PiP»P°C†PµP±Ps C,P° C-PSCfCfP»C-PS, Cr C,PëP¶PSC- 24 C- 104. PJ
C,PëP¶PSC- 24 C- 104 PSpµP·PSP°C±PSC- PµPiC-P·PsPrPë PiC-PiPsPiP»C-PePµPjC-C—
CfPiPsCfC,PµC¶C-PiP°P»PëCfC¶ PIC-PrPiPsPIC-PrPSPs Cr 40,3 % C,P° 53,1 %
PiP°C†C-C"PSC,C-PI, C¶PeC- PsC,ChPëPjCfPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C-
10 PjPi C,P° C-PSCfCfP»C-PS, C,P° Cr 34,0 % C,P° 41,6 % PiP°C†C-C"PSC,C-PI, C¶PeC-
PsC,ChPëPjCfPIP°P»Pë PiP»P°C†PµP±Ps C,P° C-PSCfCfP»C-PS.

PJ PrPsCfP»C-PrP¶PµPSPSC- PePsPjP±C-PSP°C†C-C— P· PjPµC,C,,PsChPjC-PSPsPj C,P°
CfCfP»CHC,,PsPSC-P»CfPµC±PsPIPëPSPsC¶ C,ChPëPIP°P»C-CfC,Ch PrPs 24 C,PëP¶PSC-PI
PµPiC-P·PsPrC-PI PIPëChP°P¶PµPSPsC— PiC-PiPsPiP»C-PePµPjC-C— PSpµ
CfPiPsCfC,PµC¶C-PiP°P»PsCfCH. PkPµP·PSP°C±PSC- PµPiC-P·PsPrPë
PiC-PiPsPiP»C-PePµPjC-C— CfPiPsCfC,PµC¶C-PiP°P»PëCfC¶ Cr 12,8 % PiP°C†C-C"PSC,C-PI,
C¶PeC- PsC,ChPëPjCfPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C- 10 PjPi C-
PjPµC,C,,PsChPjC-PS C,P° CfCfP»CHC,,PsPSC-P»CfPµC±PsPIPëPSCf, C,P° Cr 3,7 %
PiP°C†C-C"PSC,C-PI, C¶PeC- PsC,ChPëPjCfPIP°P»Pë PiP»P°C†PµP±Ps C- PjPµC,C,,PsChPjC-PS
C,P° CfCfP»CHC,,PsPSC-P»CfPµC±PsPIPëPSCf.

PJ PeP»C-PSC-C±PSPsPjCr PrPsCfP»C-PrP¶PµPSPSC- DECLARE PSpµ
CfPiPsCfC,PµC¶C-PiP°P»PsCfCH PiC-PrPIPëC%PµPSPSC¶ ChPëP·PëPeCf PIP°P¶PePsC—
PiC-PiPsPiP»C-PePµPjC-C— PiChPë C,PµChP°PiC-C— PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cr
PiPsC¶C-PIPSC¶PSPSC- P· PiP»P°C†PµP±Ps. PµPsPIC-PrPsPjP»C¶P»Pë PiChPs PµPiC-P·PsPrPë
PIP°P¶PePsC— PiC-PiPsPiP»C-PePµPjC-C— Cr 58 (0,7 %) PiP°C†C-C"PSC,C-PI, C%Ps
PsC,ChPëPjCfPIP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS C- 83 (1,0 %) PiP°C†C-C"PSC,C-PI, C%Ps

PsC,C₇H₅P₆PjC₇PIP°P»Pë P₇P»P°C†P_μP±Ps.

PJ PrPsC₇P»C-PrP¶P_μPSPSC- DAPA-HF P₇C₇Ps P₇PsPrC-C— PIPëC₇P°P¶P_μPSPsC—
PiC-P₇PsP₇P»C-PeP_μPjC-C— P₇PsPIC-PrPsPjP»C₇PI»PsC₇CI PI 4 (0,2 %) P₇P°C†C-C”PSC,C-PI
C₇PIe C₇ PiC₇C₇PiC- PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P°Pe C- PI PiC₇C₇PiC- P₇P»P°C†P_μP±Ps.
PJ PrPsC₇P»C-PrP¶P_μPSPSC- DELIVER C₇ 6 P₇P°C†C-C”PSC,C-PI (0,2 %) B PiC₇C₇PiPë
PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C- PI 7 (0,2 %) P₇P°C†C-C”PSC,C-PI PiC₇C₇PiPë P₇P»P°C†P_μP±Ps
P±C₇P»Pë P·P°C,,C-PeC₇PsPIP°PSC- P₇PsPrC-C—B PIPëC₇P°P¶P_μPSPsC—
PiC-P₇PsP₇P»C-PeP_μPjC-C—, P₇C₇PsC,P_μ PIPsPSPë C₇P₇PsC₇C,P_μC₇C-PiP°P»PëC₇CI P»PëC€P_μ
C₇ P₇P°C†C-C”PSC,C-PI C-P· C†C₇PeC₇PsPIPëPj PrC-P°P±P_μC,P₇Pj 2 C,PëP₇C₇.

PJ PrPsC₇P»C-PrP¶P_μPSPSC- DAPA-CKD P₇C₇Ps P_μPiC-P·PsPrPë PIPëC₇P°P¶P_μPSPsC—
PiC-P₇PsP₇P»C-PeP_μPjC-C— P₇PsPIC-PrPsPjP»C₇PI»Pë C₇ 14 (0,7 %) P₇P°C†C-C”PSC,C-PI
PiC₇C₇PiPë PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P° C₇ 28 (1,3 %) P₇P°C†C-C”PSC,C-PI PiC₇C₇PiPë
P₇P»P°C†P_μP±Ps, C,P°PeC- P_μPiC-P·PsPrPë C₇P₇PsC₇C,P_μC₇C-PiP°P»PëC₇CI P»PëC€P_μ C₇
P₇P°C†C-C”PSC,C-PI C-P· C†C₇PeC₇PsPIPëPj PrC-P°P±P_μC,P₇Pj 2 C,PëP₇C₇.

P—PjP_μPSC€P_μPSPSC₇ PsP±e₇™ C”PjC₇ P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë

PJ 13 PsP±e₇™ C”PrPSP°PSPëC... PrPsC₇P»C-PrP¶P_μPSPSC₇CI... C₇P_μP°PeC†C-C—, C%Ps
C₇PIC-PrC†P°C,C₇ P₇C₇Ps P·PjP_μPSC€P_μPSPSC₇CI PsP±e₇™ C”PjC₇
P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë (PIC₇P°C...PsPIC₇C₇C†Pë
P₇PsPIC-PrPsPjP»P_μPSPSC₇ P₇C₇Ps PIPëP₇P°PrPePë PrP_μPiC-PrC₇P°C,P°C†C-C—,
PiC-P₇PsP₇P»P_μPjC-C— C,P° P°C₇C,P_μC₇C-P°P»C₇HPSPsC— PiC-P₇PsC,P_μPSP·C-C—),
C₇P₇PsC₇C,P_μC₇C-PiP°P»PëC₇CI C₇ 1,1 % C,P° 0,7 % P₇P°C†C-C”PSC,C-PI, C₇PIeC-
PsC,C₇H₅P₆PjC₇PIP°P»Pë PrP°P₇P°P₇P»C-C,,P»PsP·PëPS C₇ PrPsP·C- 10 PjPi C- P₇P»P°C†P_μP±Ps
PIC-PrP₇PsPIC-PrPSPs; C₇P_μC₇PN₇PsP·PSC- P₇PsP±C-C†PSC- C₇P_μP°PeC†C-C—
PIPëPSPëPeP°P»Pë C₇ < 0,2 % P₇P°C†C-C”PSC,C-PI C- C₇PsP·P₇PsPrC-P»PëP»PëC₇CI
P·P° C†P°C₇C,P₇C,P₇C P₇PsC₇C-PIPSC₇ PjC-P¶ PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇CI
PrP°P₇P°P₇P»C-C,,P»PsP·PëPSPsPj C₇ PrPsP·C- 10 PjPi C- P₇P»P°C†P_μP±Ps (PrPëPi.
C₇PsP·PrC-P» B«PhC₇PsP±P»PëPIP₇C₇C- P·P°C₇C,P₇C₇C₇PIP°PSPSC₇IB»).

PJ PeP»C-PSC-C†PSPsPjC₇ PrPsC₇P»C-PrP¶P_μPSPSC- DECLARE PeC-P»C₇HPeC-C₇C,C₇
P₇P°C†C-C”PSC,C-PI P· P_μPiC-P·PsPrP°PjPë, C%Ps C₇PIC-PrC†P°C,C₇ P₇C₇Ps
P·PjP_μPSC€P_μPSPSC₇CI PsP±e₇™ C”PjC₇ P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë,
C₇PsP·P₇PsPrC-P»PëP»PëC₇CI P₇PsC₇C-PIPSC₇ PjC-P¶ PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇CI:
213 (2,5 %) C- 207 (2,4 %) C₇ PiC₇C₇PiP°C... PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P°
P₇P»P°C†P_μP±Ps PIC-PrP₇PsPIC-PrPSPs. P₇P_μC₇PN₇PsP·PSC- P₇PsP±C-C†PSC- C₇P_μP°PeC†C-C—
C₇P₇PsC₇C,P_μC₇C-PiP°P»PëC₇C₇ C₇ 81 (0,9 %) C- 70 (0,8 %) C₇ PiC₇C₇PiP°C...
PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P° P₇P»P°C†P_μP±Ps PIC-PrP₇PsPIC-PrPSPs. P’
PsC₇PSPsPIPSPsPjC₇ P_μPiC-P·PsPrPë C₇PsP·P₇PsPrC-P»PëP»PëC₇C₇ P₇PsC₇C-PIPSC₇ PjC-P¶
PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇CI PI PiC-PrPiC₇C₇PiP°C... P·P° PIC-PePsPj,
PIPëPePsC₇PëC₇C,P°PSPSC₇PIj PrC-C₇C₇P_μC,PëPeC-PI, P°C₇C,P_μC₇C-P°P»C₇HPSPëPj
C,PëC₇PePsPj C,P° PIPëPePsC₇PëC₇C,P°PSPSC₇PIj C-PSPiC-P±C-C,P₇C₇C-PI

P°PSPiC-PsC, PμPSP·PëPSPiPμCḡPμC, PIPsCḡCḡCḡCḡPsPiPs C,, PμCḡPjPμPSC, Cḡ
 (C-PḡPμPα)/P±P»PsPeP°C, PsCḡC-PI CḡPμC†PμPīC, PsCḡC-PI P°PSPiC-PsC, PμPSP·PëPSCḡ P†P†
 C, PëPīCḡ 1 B (P'P Pḡ). PJ PīP°C†C-C"°PSC, C-PI P· PIPëC...C-PrPSPsCḡ
 CḡPsP·CḡP°C...PsPIP°PSPsCḡ CëPIPëPrPeC-CḡC, Cḡ PeP»CḡP±PsC†PePsPIPSC—
 C,, C-P»CḡC, CḡP°C†C-C— CḡPëPḡPα < 60 PjP»/C...PI/1,73 Pj² CḡPīPsCḡC, PμCḡC-PiP°P»PsCḡCḡ
 19 PμPīC-P·PsPrC-PI CḡPμCḡPNḡPsP·PSPëC... PīPsP±C-C†PSPëC... CḡPμP°PeC†C-PNḡ, C°Ps
 CḡPIC-PrC†P°C, Cḡ PīCḡPs P·PjPμPSCëPμPSPSCḡPj PsP±Bḡ™ C"°PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë PrP»Cḡ PīCḡCḡPīPë
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C, P° 13 PμPīC-P·PsPrC-PI Cḡ PīCḡCḡPīC- PīP»P°C†PμP±Ps.

PJ PrPsCḡP»C-PrPḡPμPSPSC- DAPA-HF PeC-P»CḡPeC-CḡC, Cḡ PīP°C†C-C"°PSC, C-PI P·
 CḡPIPëC°P°PjPë, C°Ps CḡPIC-PrC†P°C, Cḡ PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C"°PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, CḡC, P°PSPsPIPëP»P° 170 (7,2 %) Cḡ PīCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C, P° 153 (6,5 %) Cḡ PīCḡCḡPīC- PīP»P°C†PμP±Ps. PJ PīCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ P±CḡP»Ps PjPμPSCëPμ PīP°C†C-C"°PSC, C-PI C-P·
 CḡPμCḡPNḡPsP·PSPëPjPë PīCḡPsCḡPIP°PjPë CḡPëPjPīC, PsPjC-PI (23 [1,0 %]), C°Ps
 CḡPIC-PrC†P°C, Cḡ PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C"°PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, PīPsCḡC-PIPSCḡPSPs P· PīCḡCḡPīPsCḡ
 PīP»P°C†PμP±Ps (38 [1,6 %]). P PμP·CḡP»CḡC, P°C, Pë P±CḡP»Pë PīPsPrC-P±PSPëPjPë
 PSPμP·P°P»PμPḡPSPs PIC-Pr PSP°CḡPIPSPsCḡC, C- C†CḡPeCḡPsPIPSPiPs PrC-P°P±PμC, Cḡ PSP°
 PIPëC...C-PrPSPsPjCḡ CḡC-PIPSC- C, P° PIPëC...C-PrPSPsPiPs PīPsPeP°P·PSPëPeP° CḡPëPḡPα. PJ
 PrPsCḡP»C-PrPḡPμPSPSC- DELIVER PeC-P»CḡPeC-CḡC, Cḡ PīP°C†C-C"°PSC, C-PI P·
 CḡPμCḡPNḡPsP·PSPëPjPë PīCḡPsCḡPIP°PjPë CḡPëPjPīC, PsPjC-PI PīC-PīPsPIPSP»PμPjC-C—
 CḡC, P°PSPsPIPëP»P° 35 (1,1 %) Cḡ PīCḡCḡPīC- PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C- 31 (1,0 %) Cḡ
 PīCḡCḡPīC- PīP»P°C†PμP±Ps.

PJ PrPsCḡP»C-PrPḡPμPSPSC- DAPA-CKD PeC-P»CḡPeC-CḡC, Cḡ PīP°C†C-C"°PSC, C-PI P·
 CḡPIPëC°P°PjPë, C°Ps CḡPIC-PrC†PëP»Pë PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C"°PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, CḡC, P°PSPsPIPëP»P° 120 (5,6 %) Cḡ PīCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C, P° 84 (3,9 %) Cḡ PīCḡCḡPīC- PīP»P°C†PμP±Ps. PJ PīCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ P±CḡP»Ps 16 (0,7 %) PīP°C†C-C"°PSC, C-PI C-P·
 CḡPμCḡPNḡPsP·PSPëPjPë PīCḡPsCḡPIP°PjPë CḡPëPjPīC, PsPjC-PI, C°Ps CḡPIC-PrC†PëP»Pë
 PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C"°PjCḡ PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, Cḡ
 PīPsCḡC-PIPSCḡPSPSC- P· 15 (0,7 %) PīP°C†C-C"°PSC, P°PjPë Cḡ PīCḡCḡPīC- PīP»P°C†PμP±Ps.

P"C-P°P±PμC, PëC†PSPëPNḡ PePμC, PsP°C†PëPrPsP· PīCḡPë C†CḡPeCḡPsPIPSPjCḡ PrC-P°P±PμC, C-
 2 C, PëPīCḡ

PJ PeP»C-PSC-C†PSPsPjCḡ PrPsCḡP»C-PrPḡPμPSPSC- DECLARE, P· CḡPμCḡPμPrPSC-Pj
 C†P°CḡPsPj PμPeCḡPīPsP·PëC†C-C— 48 PjC-CḡCḡC†C-PI, PμPīC-P·PsPrPë P"°PḡPḡ
 CḡPīPsCḡC, PμCḡC-PiP°P»PëCḡCḡ Cḡ 27 PīP°C†C-C"°PSC, C-PI Cḡ PīCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ Cḡ PrPsP·CḡPIP°PSPSC- 10 PjPi C- 12 PīP°C†C-C"°PSC, C-PI Cḡ
 PīCḡCḡPīC- PīP»P°C†PμP±Ps. PḡPīPsCḡC, PμCḡPμPḡCḡPIP°PSC- PμPīC-P·PsPrPë
 CḡC-PIPSPsPjC-CḡPSPs CḡPsP·PīPsPrC-P»PëP»PëCḡCḡ PīCḡPsC, CḡPīPsPj PīPμCḡC-PsPrCḡ
 PrPsCḡP»C-PrPḡPμPSPSCḡ. PḡPμCḡPμPr 27 PīP°C†C-C"°PSC, C-PI P· PμPīC-P·PsPrP°PjPë P"°PḡPḡ
 Cḡ PīCḡCḡPīC- PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ, 22 PjP°P»Pë CḡCḡPīCḡC, PSC"

P»C-PeCfPIP°PSPSCЦ C-PSCfCfP»C-PSPsPj PiC-Pr C†P°Cf PμPiC-P·PsPrCf.
PμCfPsPIPsPeCfCfC-C- C„P°PeC,PsCfPë PrP»CЦ P”PлPђ P±CfP»Pë C,P°PePëPjPë, CЦPe
PsC†C-PeCfPIP°P»PsCfCЦ, Cf PiPsPiCfP»CЦC†C-C— C†CfPeCfPsPIPsPiPs PrC-P°P±PμC,Cf
2 C,PëPiCf (PrPëPI. CфPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCЦB»).

PJ PrPsCfP»C-PrP¶PμPSPSC- DAPA-HF PIPëPiP°PrPePë P”PлPђ P±CfP»Pë
P·P°CfPμC”CfC,CfPsPIP°PSC- Cf B 3 PiP°C†C-C”PSC,C-PI C-P· C†CfPeCfPsPIPëPj
PrC-P°P±PμC,PsPj 2 C,PëPiCf PI PiCfCfPiC- PrP°PiP°PiP»C-C„P»PsP·PëPSCf C,P°
P¶PsPrPSPsPiPs бђ” PI PiCfCfPiC- PiP»P°C†PμP±Ps. PJ PrPsCfP»C-PrP¶PμPSPSC- DELIVER
PIPëPiP°PrPePë P”PлPђ P±CfP»Pë P·P°C„C-PeCfPsPIP°PSC- Cf 2 PiP°C†C-C”PSC,C-PI C-P·
C†CfPeCfPsPIPëPj PrC-P°P±PμC,PsPj 2-PiPs C,PëPiCf PI PiCfCfPiC-
PrP°PiP°PiP»C-C„P»PsP·PëPSCf C,P° P¶PsPrPSPsPiPs бђ” PI PiCfCfPiC- PiP»P°C†PμP±Ps.

PJ PrPsCfP»C-PrP¶PμPSPSC- DAPA-CKD PiCfPs PμPiC-P·PsPrPë P”PлPђ PSPμ
PiPsPIC-PrPsPjP»CЦP»PsCfCЦ Cf P¶PsPrPSPsPiPs PiP°C†C-C”PSC,P° PiCfCfPiPë
PrP°PiP°PiP»C-C„P»PsP·PëPSCf, Cf PiCfCfPiC- PiP»P°C†PμP±Ps PμPiC-P·PsPrPë P”PлPђ
P±CfP»Ps P·P°C„C-PeCfPsPIP°PSPs Cf 2 PiP°C†C-C”PSC,C-PI C-P· C†CfPeCfPsPIPëPj
PrC-P°P±PμC,PsPj 2 C,PëPiCf.

P†PSC„PμPeC†C-C— CfPμC†PsPIPëPIC-PrPSPëC... C€P»CЦC...C-PI

PJ 13 PsP±бђ™ C”PrPSP°PSPëC... PrPsCfP»C-PrP¶PμPSPSCЦC... P±PμP·PiPμPePë
C-PSC„PμPeC†C-C— CfPμC†PsPIPëPIC-PrPSPëC... C€P»CЦC...C-PI C†P°CfC,C-C€Pμ
CfPiPsCfC,PμCfC-PiP°P»PëCfCЦ Cf PiP°C†C-C”PSC,C-PI, CЦPeC- PsC,CфPëPjCfPIP°P»Pë
PrP°PiP°PiP»C-C„P»PsP·PëPS Cf PrPsP·C- 10 PjPi, PiPsCfC-PIPSCЦPSPs P· C,PëPjPë, C...C,Ps
PsC,CфPëPjCfPIP°PI PiP»P°C†PμP±Ps (4,7 % PiCfPsC,Pë 3,5 % PIC-PrPiPsPIC-PrPSPs; PrPëPI.
CфPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCЦB»).

PJ
P±C-P»CHC€PsCfC,C- PIPëPiP°PrPeC-PI C-PSC„PμPeC†C-C— P±CfP»Pë P»PμPiPePsPiPs P°P±Ps
CfPμCfPμPrPSCbPsPiPs CfC,CfPiPμPSCЦ C,CЦP¶PePsCfC,C-, Cf PiP°C†C-C”PSC,C-PI
PIC-PrP·PSP°C†P°P»P°CfCЦ PIC-PrPiPsPIC-PrCH PSP° PiPsC†P°C,PePsPIPëPNë PeCfCfCf
CfC,P°PSPrP°CfC,PSPsPiPs P»C-PeCfPIP°PSPSCЦ, C- C,P°PeC- CЦPIPëC%P° CфC-PrPePs
CfC,P°PIP°P»Pë PiCfPëC†PëPSPsCf PrPsCfC,CfPsPePsPIPsPiPs PiCfPëPiPëPSPμPSPSCЦ
P»C-PeCfPIP°PSPSCЦ PrP°PiP°PiP»C-C„P»PsP·PëPSPsPj. P|C- C-PSC„PμPeC†C-C—
C†P°CfC,C-C€Pμ CfPiPsCfC,PμCfC-PiP°P»PëCfCЦ Cf P¶C-PSPsPe, P°
PNëPjPsPIC-CфPSC-CfC,CH CфPμC†PëPrPëPICf C-PSC„PμPeC†C-C— P±CfP»P° PIPëC%PsCf Cf
PiP°C†C-C”PSC,C-PI P· PiPsPrC-P±PSPëPjPë PiCfPsP±P»PμPjP°PjPë PI P°PSP°PjPSPμP·C-.

PJ PeP»C-PSC-C†PSPsPjCf PrPsCfP»C-PrP¶PμPSPSC- DECLARE, CfPμCfPNëPsP·PSC-
PμPiC-P·PsPrPë C-PSC„PμPeC†C-PNë CfPμC†PsPIPëPIC-PrPSPëC... C€P»CЦC...C-PI
CfPiPsCfC,PμCfC-PiP°P»PëCfCH CфC-PrC€Pμ PrP»CЦ PrP°PiP°PiP»C-C„P»PsP·PëPSCf Cf
PrPsP·CfPIP°PSPSC- PiPs 10 PjPi, PSC-P¶ PrP»CЦ PiP»P°C†PμP±Ps, 79 (0,9 %) PμPiC-P·PsPrC-PI
Cf PiPsCfC-PIPSCЦPSPSC- P· 109 (1,3 %) PμPiC-P·PsPrC-PI PIC-PrPiPsPIC-PrPSPs.

PJ PrPsCfP»C-PrP¶PµPSPSC- DAPA-HF PeC-P»CHbPeC-CfC,CHb PīP°C†C-C" PSC,C-PI C-P· CfPµCḡPN₆PsP·PSPēPjPē PīPsP±C-C†PSPēPjPē CḡPµP°PeC†C-C¶PjPē C-PSC,,PµPeC†C-PN₆ CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI CfC,P°PSPsPIPēP»P° 14 (0,6 %) Cr PīCḡCfPīC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C,P° 17 (0,7 %) Cr PīCḡCfPīC- PīP»P°C†PµP±Ps. Pµbḡ™ C¶C,CHb (0,2 %) PīP°C†C-C" PSC,C-PI C-P· PīPsP±C-C†PSPēPjPē CḡPµP°PeC†C-C¶PjPē P±CfP»Pē P·PjCfCēPµPSC- PīCḡPēPīPēPSPēC,Pē CrC†P°CfC,CHb Cr PrPsCfP»C-PrP¶PµPSPSC- C†PµCḡPµP· C-PSC,,PµPeC†C-C— CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI C- PI PīCḡCfPīC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCr, C- PI PīCḡCfPīC- PīP»P°C†PµP±Ps. PJ PrPsCfP»C-PrP¶PµPSPSC- DELIVER PeC-P»CHbPeC-CfC,CHb PīP°C†C-C" PSC,C-PI C-P· CfPµCḡPN₆PsP·PSPēPjPē PīPsP±C-C†PSPēPjPē C¶PIPēC%P°PjPē C-PSC,,PµPeC†C-PN₆ CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI CfC,P°PSPsPIPēP»P° 41 (1,3 %) Cr PīCḡCfPīC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C,P° 37 (1,2 %) Cr PīCḡCfPīC- PīP»P°C†PµP±Ps. PjC- PīPsP±C-C†PSC- C¶PIPēC%P° PīCḡPēP·PIPµP»Pē PrPs PīCḡPēPīPēPSPµPSPSC¶ P»C-PeCfPIP°PSPSC¶ Cr 13 PīP°C†C-C" PSC,C-PI (0,4 %) PīCḡCfPīPē PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C- Cr 9 PīP°C†C-C" PSC,C-PI (0,3 %) PīCḡCfPīPē PīP»P°C†PµP±Ps.

PJ PrPsCfP»C-PrP¶PµPSPSC- DAPA-CKD PeC-P»CHbPeC-CfC,CHb PīP°C†C-C" PSC,C-PI C-P· CfPµCḡPN₆PsP·PSPēPjPē PīPsP±C-C†PSPēPjPē C¶PIPēC%P°PjPē C-PSC,,PµPeC†C-PN₆ CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI CfC,P°PSPsPIPēP»P° 29 (1,3 %) Cr PīCḡCfPīC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C,P° 18 (0,8 %) Cr PīCḡCfPīC- PīP»P°C†PµP±Ps. PµPsP±C-C†PSC- CḡPµP°PeC†C-C—, C%Ps PīCḡPēP·PIPµP»Pē PrPs PīCḡPēPīPēPSPµPSPSC¶ CrC†P°CfC,C- Cr PrPsCfP»C-PrP¶PµPSPSC- C†PµCḡPµP· C-PSC,,PµPeC†C-C— CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI CḡPsP·PIPēPSCfP»PēCfC¶ Cr 8 (0,4 %) PīP°C†C-C" PSC,C-PI Cr PīCḡCfPīC- PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C,P° Cr 3 (0,1 %) PīP°C†C-C" PSC,C-PI Cr PīCḡCfPīC- PīP»P°C†PµP±Ps. PµC-P»CHbPeC-CfC,CHb PīP°C†C-C" PSC,C-PI P±PµP· C†CfPeCḡPsPIPsPīPs PrC-P°P±PµC,Cr, Cr C¶PePēC... PīPsPIC-PrPsPjP»C¶P»PsCfC¶ PīCḡPs CfPµCḡPN₆PsP·PSC- PīPsP±C-C†PSC- C¶PIPēC%P° C-PSC,,PµPeC†C-PN₆ CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI P°P±Ps PīCḡPs PīPsP±C-C†PSC- C¶PIPēC%P°, C%Ps PīCḡPēP·PIPµP»Pē PrPs PīCḡPēPīPēPSPµPSPSC¶ CrC†P°CfC,C- PI PrPsCfP»C-PrP¶PµPSPSC- C†PµCḡPµP· C-PSC,,PµPeC†C-C— CfPµC†PsPIPēPIC-PrPSPēC... CēP»C¶C...C-PI, P±CfP»P° PīPsPrC-P±PSPsCḡ Cr PīCḡCfPīP°C... P»C-PeCfPIP°PSPSC¶ (6 [0,9 %] Cr PīPsCḡC-PIPSC¶PSPSC- P· 4 [0,6 %] B bḡ P· CfPµCḡPN₆PsP·PSPēPjPē PīPsP±C-C†PSPēPjPē C¶PIPēC%P°PjPē C,P° 1 [0,1 %] Cr PīPsCḡC-PIPSC¶PSPSC- P· 0 bḡ P· PīPsP±C-C†PSPēPjPē C¶PIPēC%P°PjPē, C%Ps PīCḡPēP·PIPµP»Pē PrPs PīCḡPēPīPēPSPµPSPSC¶ CrC†P°CfC,C- PI PrPsCfP»C-PrP¶PµPSPSC-, Cr PīCḡCfPīP°C... PrP°PīP°PiP»C-C,,P»PsP·PēPSCr C,P° PīP»P°C†PµP±Ps PIC-PrPīPsPIC-PrPSPs).

PµC-PrPIPēC%PµPSPSC¶ CḡC-PIPSC¶ PeCḡPµP°C,PēPSC-PSCž

PµPsP±C-C†PSC- CḡPµP°PeC†C-C— PSP° P»C-PeP°CḡCfCHbPePēPN₆ P·P°CfC-P±, PīPsPībḡ™ C¶P·P°PSC- P· PīC-PrPIPēC%PµPSPSC¶Pj CḡC-PIPSC¶ PeCḡPµP°C,PēPSC-PSCr, P±CfP»Pē P·PīCḡCfPīPsPIP°PSC- (PSP°PīCḡPēPeP»P°Pr, P·PSPēP¶PµPSPSC¶ PSPēCḡPePsPIPsPīPs PeP»C-CḡPµPSCfCf PeCḡPµP°C,PēPSC-PSCr, PīPsCḡCfCēPµPSPSC¶ C,,CrPSPeC†C-C— PSPēCḡPsPe, PīC-PrPIPēC%PµPSPSC¶ CḡC-PIPSC¶ PeCḡPµP°C,PēPSC-PSCr PeCḡPsPIC- C,P° P·PSPēP¶PµPSPSC¶ CēPIPēPrPePsCfC,C- PeP»CfP±PsC†PePsPIPsC— C,,C-P»CHbC,CḡP°C†C-C—). PJ 13 PsP±bḡ™ C"PrPSP°PSPēC... PrPsCfP»C-PrP¶PµPSPSC¶C... P±PµP·PīPµPePē P·PīCḡCfPīPsPIP°PSC- PīPsP±C-C†PSC- CḡPµP°PeC†C-C—

СГРiPsCГC, PμCГC-PiP°P»PëCГCЦ CГ 3,2 % C, P° 1,8 % PiP°CГC-C"PSC, C-PI, CЦPeC-
PsC, CГPëPjCГPiP°P»Pë PrP°PiP°PiP»C-C,,P»PsP·PëPS CГ PrPsP·C- 10 PjPi C-
PiP»P°CГPμ±Ps PIC-PrPiPsPIC-PrPSPs. Pj PiP°CГC-C"PSC, C-PI P· PSPsCГPjP°P»CHPSPsCГ
C,,CГPSPeCГC-C"CH PSPëCГPsPe P°P±Ps PiPsCГCГC€PμPSPSCЦj C,,CГPSPeCГC-C-
PSPëCГPsPe P»PμPiPePsPiPs CГC, CГPiPμPSCЦ (PiPëC...C-PrPSP° CГPëPлPα ≥ 60

PjP»/C...PI/1,73Pj²) CГPμP°PeCГC-C— CГC-C"С— PiCГCГPiPë CГPiPsCГC, PμCГC-PiP°P»PëCГCЦ
CГ 1,3 % C, P° 0,8 % PiP°CГC-C"PSC, C-PI, CЦPeC- PsC, CГPëPjCГPiP°P»Pë
PrP°PiP°PiP»C-C,,P»PsP·PëPS CГ PrPsP·C- 10 PjPi C- PiP»P°CГPμ±Ps PIC-PrPiPsPIC-PrPSPs. PiC-
CГPμP°PeCГC-C— CГP°CГC, C-C€Pμ CГPiPsCГC, PμCГC-PiP°P»PëCГCЦ CГ PiP°CГC-C"PSC, C-PI P·
PiPëC...C-PrPSPsCГ CГPëPлPα ≥ 30 C, P° < 60 PjP»/C...PI/1,73 Pj² (18,5 % CГ CГP°P·C-
P·P°CГC, PsCГCГPiP°PSPSCЦ PrP°PiP°PiP»C-C,,P»PsP·PëPSC CГ PrPsP·C- 10 PjPi C, P° 9,3 % CГ
CГP°P·C- P·P°CГC, PsCГCГPiP°PSPSCЦ PiP»P°CГPμ±Ps).

PμPsPrP°P»CHC€Pμ CГPiPsCГC, PμCГPμP¶PμPSPSCЦ P·P° PiP°CГC-C"PSC, P°PjPë, CГ CЦPePëC...
P±CГP»Ps P·P°C,,C-PeCГPsPiP°PSPs PiPsP±C-C±PSC- CЦPiPëC%P° P· P±PsPeCГ PSPëCГPsPe,
PiPsPeP°P·P°P»Ps, C%P°Ps CГ P±C-P»CHC€PsCГC, C- PIC-PrP±CГPiP°P»PëCГCЦ P·PjC-PSPë
CГC-PIPSCЦ PeCГPμP°C, PëPSC-PSCГ PI CГPëCГPsPiP°C, CГC- PeCГPsPIC- PSP°
≤ 44 PjPePjPsP»CH/P» (≤ 0,5 PjPi/PrP») CГ PiPsCГC-PIPSCЦPSPSC- P· PiPëC...C-PrPSPëPj
CГC-PIPSPμPj. P C-PIPμPSCH PeCГPμP°C, PëPSC-PSCГ P·P°P·PiPëCГP°P№
PiC-PrPiPëC%CГPiP°PICГCЦ C, PëPjCГP°CГPsPiPs PiC-Pr CГP°CГ C, CГPëPiP°P»PsPiPs
P»C-PeCГPiP°PSPSCЦ C- PiPsPiPμCГC, P°PICГCЦ PrPs PSPsCГPjPë PiC-CГP»CЦ
PiCГPëPiPëPSPμPSPSCЦ C, PμCГP°PiC-C—.

Pj PeP»C-PSC-C±PSPsPjCГ PrPsCГP»C-PrP¶PμPSPSC- DECLARE, P·PsPeCГPμPjP°
PiP°CГC-C"PSC, C-PI P»C-C,,PSPsPiPs PIC-PeCГ C, P° PiP°CГC-C"PSC, C-PI P·
PiPsCГCГC€PμPSPSCЦj C,,CГPSPeCГC-C— PSPëCГPsPe (CГPëPлPα PjPμPSC€Pμ PSC-P¶
60 PjP»/C...PI/1,73 Pj²), CГPëPлPα P·PSPëP¶CГC"С, CHCГCЦ P· CГP°CГPsPj PI PsP±PsC...
PiCГCГPiP°C... P»C-PeCГPiP°PSPSCЦ. P§PμCГPμP· 1 CГC-Pe CГPμCГPμPrPSC"
P·PSP°CГPμPSPSCЦ CГPëPлPα P±CГP»Ps PrPμC%Ps PSPëP¶CГPμ, P° CГPμCГPμP· 4 CГPsPePë
CГPμCГPμPrPSC" P·PSP°CГPμPSPSCЦ CГPëPлPα P±CГP»Ps PrPμC%Ps PiPëC%PëPj CГ
PiCГCГPiC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCГ PiPsCГC-PIPSCЦPSPs P· PiCГCГPiPsCГ
PiP»P°CГPμ±Ps.

Pj PrPsCГP»C-PrP¶PμPSPSCЦC... DAPA-HF C- DELIVER C- PI PiCГCГPiC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSCГ, C- PI PiCГCГPiC- PiP»P°CГPμ±Ps PiPsPeP°P·PSPëPe CГPëPлPα
P· CГP°CГPsPj P·PSPëP¶CГPiP°PICГCЦ. Pj PrPsCГP»C-PrP¶PμPSPSC- DAPA-HF
PiPsCГP°C, PePsPiPμ P·PSPëP¶PμPSPSCЦ CГPμCГPμPrPSCHPsPiPs P·PSP°CГPμPSPSCЦ
CГPëPлPα CГ PiCГCГPiC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCГ CГC, P°PSPsPiPëP»Ps
-4,3 PjP»/C...PI/1,73 Pj², P° PI PiCГCГPiC- PiP»P°CГPμ±Ps -1,1 PjP»/C...PI/1,73 Pj². P§PμCГPμP· 20
PjC-CГCЦCГC-PI P·PjC-PSPë PiPsPeP°P·PSPëPeP° CГPëPлPα (CГ PiPsCГC-PIPSCЦPSPSC- P·
PiPëC...C-PrPSPëPj CГC-PIPSPμPj) CГ PiCГCГPiP°C... PrPsCГP»C-PrP¶PμPSPSCЦ P±CГP»Pë
P·C-CГC, P°PiPSPëPjPë: -5,3 PjP»/C...PI/1,73 Pj² PiCГPë P·P°CГC, PsCГCГPiP°PSPSC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSCГ C, P° -4,5 PjP»/C...PI/1,73 Pj² PiCГPë P·P°CГC, PsCГCГPiP°PSPSC-
PiP»P°CГPμ±Ps. Pj PrPsCГP»C-PrP¶PμPSPSC- DELIVER P·PSPëP¶PμPSPSCЦ
CГPμCГPμPrPSCHPsPiPs P·PSP°CГPμPSPSCЦ CГPëPлPα CГPμCГPμP· 1 PjC-CГCЦCГCH CГ
PiCГCГPiC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCГ CГC, P°PSPsPiPëP»Ps -3,7 PjP»/C...PI/1,73 Pj², B B P°
B B PI B B PiCГCГPiC- B B PiP»P°CГPμ±Ps BГ" - 0,4 PjP»/C...PI/1,73 Pj². B B P§PμCГPμP·

В В 24В В PjC-CTCCTCTC- В P·PjC-PSPë В PïPsPeP°P·PSPëPeP° CTjPËPËPα В (Cí
В PïPsCTjC-PIPSCCTPSPSC- В P· В PIPëC...C-PrPSPëPj В CTjC-PIPSPμPj) В Cí В PíCTjCíPïP°C...
В PrPsCTíP»C-PrP¶PμPSPSCCT В P±CíP»Pë В P·C-CTC,P°PIPSPëPjPë: В -4,2 PjP»/C...PI/1,73 Pj² Cí
PíCTjCíPíC- PrP°PïP°PíP»C-C,,P»PsP·PëPSCí C,P° - 3,2 PjP»/C...PI/1,73 Pj² Cí PíCTjCíPíC-
PïP»P°C†PμP±Ps.

PJ PrPsCTíP»C-PrP¶PμPSPSC- DAPA-CKD PïPsPeP°P·PSPëPe CTjPËPËPα C-P· C†P°CTíPsPj
P·PjPμPSC€CíPíP°PíCíCTCT CCTPe Cí PíCTjCíPíC- PrP°PïP°PíP»C-C,,P»PsP·PëPSCí, C,P°Pe C- PI
PíCTjCíPíC- PïP»P°C†PμP±Ps. PμPsC†P°C,PePsPIPμ P·PjPμPSC€PμPSPSCCT (PrPμPSCH 14)
CTíPμCTjPμPrPSCHPSCT— CTjPËPËPα CTíC,P°PSPsPIPëP»Ps -4,0 PjP»/C...PI/1,73 Pj² Cí PíCTjCíPíC-
PrP°PïP°PíP»C-C,,P»PsP·PëPSCí C,P° -0,8 PjP»/C...PI/1,73 Pj² Cí PíCTjCíPíC- PïP»P°C†PμP±Ps.
PSPμCTjPμP· 28 PjC-CTCCTCTCTC-PI P·PjC-PSP° CTjPËPËPα PIC-Pr PIPëC...C-PrPSPsPiPs
CTjC-PIPSCCT CTíC,P°PSPsPIPëP»P° -7,4 PjP»/C...PI/1,73 Pj² Cí PíCTjCíPíC-
PrP°PïP°PíP»C-C,,P»PsP·PëPSCí C,P° -8,6 PjP»/C...PI/1,73 Pj² Cí PíCTjCíPíC- PïP»P°C†PμP±Ps.

P"C-C,Pë

PμCTjPsC,,C-P»CH P±PμP·PïPμPePë PrP°PïP°PíP»C-C,,P»PsP·PëPSCí, C%oPs
CTíPíPsCTíC,PμCTjC-PíP°PíCíCTCT Cí PeP»C-PSC-C†PSPsPjCí PrPsCTíP»C-PrP¶PμPSPSC- P·P°
CíC†P°CTíC,CT PrC-C,PμPNë PIC-PePsPj PIC-Pr 10 CTjPsPeC-PI P· C†CíPeCTjPsPIPëPj
PrC-P°P±PμC,PsPj 2 C,PëPíCí (PrPëPI. CTjPsP·PrC-P» B«PαP°CTjPjP°PePsPeC-PSPμC,PëPeP°B»),
P±CíPI P°PSP°P»PsPíC-C†PSPëPNë C,PsPjCí, C%oPs CTíPíPsCTíC,PμCTjC-PíP°PíCíCTCT Cí
PrPsCTíP»C-PrP¶PμPSPSCCTC... P·P° CíC†P°CTíC,CT PrPsCTjPsCTíP»PëC....

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PμPsPIC-PrPsPjP»PμPSPSCCT PíCTjPs PïPsP±C-C†PSC- CTjPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCCT PíCTjPs PïPsP±C-C†PSC- CTjPμP°PeC†C-C— PíC-CTíP»CTCT
CTjPμC"CTíC,CTjP°C†C-C— P»C-PeP°CTjCTíCHPePsPiPs P·P°CTíPsP±Cí PjP°C" PIP°P¶P»PëPIPμ
P·PSP°C†PμPSPSCCT. P|Pμ PrP°C" P·PjPsPíCí PíCTjPsPIPsPrPëC,Pë PjPsPSC-C,PsCTjPëPSPi
CTíPíC-PIPIC-PrPSPsC€PμPSPSCCT PePsCTjPëCTíC,CH/CTjPëP·PëPe PíCTjPë
P·P°CTíC,PsCTíCíPíP°PSPSC- C†CHPsPiPs P»C-PeP°CTjCTíCHPePsPiPs P·P°CTíPsP±Cí.
PμPμPrPëC†PSPëPj C,P° C,,P°CTjPjP°C†PμPIC,PëC†PSPëPj PíCTjP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PíP°C†C-C"PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PíCTjPμPrCTíC,P°PIPSPëPeP°Pj
CTíP»C-Pr PïPsPIC-PrPsPjP»CTCT,Pë PíCTjPs CíCTíC- PIPëPíP°PrPePë PíC-PrPsP·CTjCHPIP°PSPëC...
PïPsP±C-C†PSPëC... CTjPμP°PeC†C-PNë C,P° PIC-PrCTíCíC,PSPsCTíC,C-
PμC,,PμPeC,PëPIPSPsCTíC,C- P»C-PeP°CTjCTíCHPePsPiPs P·P°CTíPsP±Cí C†PμCTjPμP·
PjPIC,PsPjP°C,PëP·PsPIP°PSCí C-PSC,,PsCTjPjP°C†C-PNëPSCí CTíPëCTíC,PμPjCí P·
C,,P°CTjPjP°PePsPSP°PíP»CTCTPrCí P·P° PíPsCTíPëP»P°PSPSCCTPj: <https://aisf.dec.gov.ua>.

PjPμCTjPjC-PS PíCTjPëPrP°C,PSPsCTíC,C-.

3 CTjPsPePë.

PJPjPsPIPë P·P±PμCȚC-PiP°PSPSCȚ.

P—P±PμCȚC-PiP°C,Pë Cr PSPμPrPsCȚC,CrPiPSPsPjCr PrP»CȚ PrC-C,PμPNë PjC-CȚCȚC- PiCȚPë C,PμPjPiPμCȚP°C,CrCȚC- PrPs 25 B°PŸ.

PJPiP°PePsPIPeP°.

PμPs 10 C,P°P±P»PμC,PsPe Cr P±P»C-CȚC,PμCȚC-, PiPs 3 P±P»C-CȚC,PμCȚPë Cr PeP°CȚC,PsPSPSC-PNë PePsCȚPsP±CȚC-.

PљP°C,PμPiPsCȚC-CȚ PIC-PrPiCrCȚPeCr.

P—P° CȚPμCȚPμPiC,PsPj.

P'PëCȚPsP±PSPëPe.

PȚCȚC,CȚP°P—PμPSPμPeP° P®Pљ P>C-PjC-C,PμPr/AstraZeneca UK Limited.

PњC-CȚCȚPμP·PSP°C...PsPrP¶PμPSPSCȚ PIPëCȚPsP±PSPëPeP° C,P° PNëPsPiPs P°PrCȚPμCȚP° PjC-CȚCȚCȚ PiCȚPsPIP°PrP¶PμPSPSCȚ PrC-CȚP»CḤPSPsCȚC,C-.

PŸC-P»Pe P PsP°Pr P'C-P·PSPμCȚ PμP°CȚPe, PњP°PePeP»CȚC,,C-P»Pr, SK10 2NA, P'PμP»PëPeP° P'CȚPëC,P°PSC-CȚ/Silk Road Business Park, Macclesfield, SK10 2NA, United Kingdom.