

$P-P^{\circ}C\dot{I}PsP\pm P\ddot{e}$, $C\%Ps$ $P\cdot P^{\circ}C\dot{I}C$, $PsC\dot{I}PsPICrC\dot{H}C$, $CHC\dot{I}C\dot{I}C$ $P\ddot{e}C\dot{H}P\ddot{e}$ $C\dot{t}C\dot{r}PeC\dot{H}PsPIPSPjC\dot{r}$
 $PrC-P^{\circ}P\pm P_{\mu}C$, $C-$, $C-PSPIc-P\pm C-C$, $PsC\dot{H}P\ddot{e}$ $PSP^{\circ}C$, $C\dot{H}C-PN_{\circ}P\cdot P^{\circ}P\gg P_{\mu}P\dot{I}PSPSPiPs$
 $PePsC$, $C\dot{H}P^{\circ}PSC\dot{I}PiPsC\dot{H}C$, $P_{\mu}C\dot{H}P^{\circ}$ $PiP\gg C\dot{H}PePsP\cdot P\ddot{e}$ 2 C , $P\ddot{e}PiC\dot{r}$ ($C-P\acute{K}P-P_{\text{b}}P\ddot{y}P''2$). $P_{\text{b}}PsPr$ $P_{\text{b}}P\ddot{y}P\dot{I}$
 $P_{\text{b}}10P'P_{\text{b}}01$.

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—PḡPÿP”2).

P†PSPiC-P±CÍPIP°PSPSCÍ C-PkP—PḡPÿP”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. PÿP°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-PIPSC- 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— (PĖPḡPḡ). PŸP°PePĖPj C†PĖPSPsPj, C† PĖP°C†C-C"PS C,,C-PI C-P·
PSPsCḡPjP°P»CHPSPĖPj CḡC-PIPSpḡPj PiP»CHPePsP·PĖ PI PeCḡPsPIC-
PrP°PĖP·PiP»C-C,,P»PsP·PĖPS PjP°C" PSPĖP·CHPeC† P·PrP°C,PS C-C†C,CH PIPĖPeP»PĖPeP°C,PĖ
PiC-PĖPsPiP»C-PePḡPjC-Cḡ. P"°PĖP°PiP»C-C,,P»PsP·PĖPS PSPḡ PiPsCḡC†C†C"
PSPsCḡPjP°P»CHPSPḡ PiCḡPsPrC†PeC†PIP°PSPSCḡ PḡPSPPrPsPiPḡPSPSPsC— PiP»CHPePsP·PĖ
C† PIC-PrPiPsPIC-PrCḡ PSP° PiC-PĖPsPiP»C-PePḡPjC-Cḡ. P"°PĖP°PiP»C-C,,P»PsP·PĖPS PrC-C"
PSPḡP·P°P»PḡPḡPSPs PIC-Pr C†PḡPeCḡPḡC†C-C— C,P° PrC-C— C-PS C†C†P»C-PS C†. Pj
PeP»C-PS C-C†PSPĖC... PrPsC†P»C-PrPḡPḡPSPSCḡC... PrP°PĖP°PiP»C-C,,P»PsP·PĖPSC†
C†PiPsC†C,PḡCḡC-PiP°P»PsC†Cḡ PiPsP»C-PiCḡPḡPSPSCḡ C,,C†PSPeC†C-C— P±PḡC,P°-
PeP»C-C,PĖPS (P±PḡC,P°-PeP»C-C,PĖPSPĖ PḡPḡPḡPḡ) PiCḡPĖ PsC†C-PS C†C- PjPsPrPḡP»C-
PiPsPjPḡPsC†C,P°P·C†.

PḡP—PḡPŸP"2 C†PḡP»PḡPeC,PĖPIPSPs PḡPeC†PiCḡPḡC†C†CḡC,CHC†Cḡ PI PSPĖCḡPeP°C....
P"°PĖP°PiP»C-C,,P»PsP·PĖPS PSPḡ PiCḡPĖPiPSC-C†C†C" C-PS C†C- PiPḡCḡPḡPSPsC†PSPĖPePĖ
PiP»CHPePsP·PĖ, C%Ps C" PIP°PḡP»PĖPIPĖPj PrP»Cḡ C,CḡP°PSC†PiPsCḡC,C†PIP°PSPSCḡ
PiP»CHPePsP·PĖ PI PiPḡCḡPĖC,,PḡCḡPĖC†PSC- C,PeP°PSPĖPSPĖ, C,P° C† > 1400 CḡP°P·C-PI C"
P±C-P»CHC† C†PḡP»PḡPeC,PĖPIPSPĖPj PIC-PrPSPsC†PSPs PḡP—PḡPŸP"2 PiPsCḡC-PIPS CḡPSPs
P· PḡP—PḡPŸP"1, PiPsP»PsPIPSPiPs PiPḡCḡPḡPSPsC†PSPĖPeP° PI PePĖCḡPḡC†PSPĖPeC†,
C%Ps PIC-PrPiPsPIC-PrP°C" P·P° P°P±C†PsCḡP±C†C-Cḡ PiP»CHPePsP·PĖ.

PḡP°CḡPjP°PePsPrPĖPSP°PjC-C†PSC- PḡC,,PḡPeC,PĖ

Pj P·PrPsCḡPsPIPĖC... C†C†P°C†PSPĖPeC-PI PrPsC†P»C-PrPḡPḡPSPSCḡ C,P°
PiP°C†C-C"PS C,,C-PI P· C†C†PeCḡPsPIPĖPj PrC-P°P±PḡC,PsPj 2 C,PĖPiC† PiC-C†P»Cḡ
P·P°C†C,PsC†C†PIP°PSPSCḡ PrP°PĖP°PiP»C-C,,P»PsP·PĖPSC† C†PiPsC†C,PḡCḡC-PiP°P»PsC†Cḡ
P·P±C-P»CHCḡPḡPSPSCḡ PeC-P»CHPePsC†C,C- PiP»CHPePsP·PĖ, PIPĖPIPḡPrPḡPSPsC— C-P·
C†PḡC†PḡCḡ. PḡCḡPĖP±P»PĖP·PSPs 70 Pi PiP»CHPePsP·PĖ PSP° PrPsP±C†
PIPĖPIPsPrPĖP»PsC†Cḡ C-P· C†PḡC†PḡCḡ (C%Ps PIC-PrPiPsPIC-PrP°C" 280
PePeP°P»/PrPsP±C†) PiCḡPĖ P·P°C†C,PsC†C†PIP°PSPSC- PrP°PĖP°PiP»C-C,,P»PsP·PĖPSC† PI
PrPsP·C- 10 PjPi PSP° PrPsP±C† PiP°C†C-C"PS C,,P°Pj P· C†C†PeCḡPsPIPĖPj PrC-P°P±PḡC,PsPj 2
C,PĖPiC† PiCḡPsC,CḡPiPsPj 12 C,PĖPḡPSC-PI. Pj PiP°C†C-C"PS C,,C-PI C-P· C†C†PeCḡPsPIPĖPj
PrC-P°P±PḡC,PsPj 2 C,PĖPiC†, CḡPeC- PsC,CḡPĖPjC†PIP°P»PĖ PrP°PĖP°PiP»C-C,,P»PsP·PĖPS C†
PrPsP·C- 10 PjPi/PrPsP±C† PiCḡPsC,CḡPiPsPj PiPḡCḡC-PsPrC† PrPs 2 CḡPsPeC-PI,
C†PiPsC†C,PḡCḡC-PiP°P»PĖC†Cḡ PsP·PSP°PePĖ C,CḡPĖPIP°P»PsC— PḡPeC†PeCḡPḡC†C-C—
PiP»CHPePsP·PĖ.

PŸP°PeP° PḡPeC†PeCḡPḡC†C-Cḡ PiP»CHPePsP·PĖ C-P· C†PḡC†PḡCḡ PiCḡPĖ
P·P°C†C,PsC†C†PIP°PSPSC- PrP°PĖP°PiP»C-C,,P»PsP·PĖPSC† C,P°PePsPḡ PiCḡPĖP·PIPsPrPĖC,CH
PrPs PsC†PjPsC,PĖC†PSPsPiPs PrC-C†CḡPḡP·C† C,P° P·P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™ C" PjC†
C†PḡC†C- C† PiP°C†C-C"PS C,,C-PI P· C†C†PeCḡPsPIPĖPj PrC-P°P±PḡC,PsPj 2 C,PĖPiC†.
P—P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™ C" PjC† C†PḡC†C- C† PiP°C†C-C"PS C,,C-PI P·
C†C†PeCḡPsPIPĖPj PrC-P°P±PḡC,PsPj 2 C,PĖPiC† PrPsC†CḡPiP°C" PiCḡPĖP±P»PĖP·PSPs 375 PjP»
PSP° PrPsP±C†. P—P±C-P»CHCḡPḡPSPSCḡ PsP±Pḡ™ C" PjC† C†PḡC†C- P±C†P»Ps
P°C†PsC†C-PḡPsPIP°PSPḡ C-P· PSPḡP·PSP°C†PSPĖPj C- C,PĖPjC†P°C†PsPIPĖPj
P·P±C-P»CHCḡPḡPSPSCḡPj PḡPeC†PeCḡPḡC†C-C— PSP°C,CḡC-Cḡ C-P· C†PḡC†PḡCḡ, C%Ps
PSPḡ C†C†PiCḡPsPIPsPrPḡC†PIP°P»PsC†Cḡ P·PjC-PSP°PjPĖ PePsPSC†PḡPSC,CḡP°C†C-C—

P'CrP»Ps PiCḡPsPiPμPrPμPSPs C‡PsC,PēCḡPSP°PrC†CḡC,Ch PiPsPrPIC-PMḡPSPs CḡP»C-PiPēC..., CḡP°PSPrPsPjC-P°PsPiP°PSPēC..., PePsPSC,CḡPsP»ChḡPsPiP°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 PαPsCḡPeCḡC-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... Bḡ" PIC-Pr 24 PrPs 80 C,PēPḡPSC-PI (PrPs P·P°PiP°P»ChḡPSPsC— 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»ChḡPSP° C,CḡPēPiP°P»C-CḡC,Ch PrPsCḡP»C-PrPḡPμPSPSCḡ Bḡ" 208 C,PēPḡPSC-PI). PḡPμCḡPμPrPSCḡ C,CḡPēPiP°P»C-CḡC,Ch P·P°C...PiPsCḡChḡPiP°PSPSCḡ CrC‡P°CḡPSPēPeC-PI PSP° C†CrPeCḡPsPiPēPMḡ 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 PiPsCḡCrCḡPμPSPSCḡ C,,CrPSPeC†C-C— PSPēCḡPsPe, P° PI 11 % Bḡ" PiPsCḡCrCḡPμPSPSCḡ 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 % Bḡ" PrPs PjPsPSPiPsP»PsC—PrPSPsC—, 4 % Bḡ" PrPs PSPμPiCḡPsC—PrPSPsC— C- 4 % Bḡ" PrPs C-PSCḡPēC... 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†ChḡPsPiPs, PiCḡPsPiPμPrPμPSPs PrPiP° 12- C,PēPḡPSPμPIC- PiP»P°C†PμP±Ps-PePsPSC,CḡPsP»ChḡPsPiP°PSC- PrPsCḡP»C-PrPḡPμPSPSCḡ

[illegible]

P°PëC...C-PrPSPëPñ CĤC-PIPµPSCĤ (CĤPµCĤPµPrPSC-Pñ)	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" PIPµCĤPµPSPµCĤPµPSPSCĤ PIPiPµCĤPµPr PrP°PSPëC...
PsCĤC,P°PSPSCĤPsPiPs CĤPiPsCĤC,PµCĤPµPµPµPSPSCĤ (PiPµCĤPµPr P»C-PëC†PIP°PSPSCĤPj
PĤCĤPsP»C-PëPsPIP°PSPëC... PIP°C†C-C°PSC,C-PI).

^{P±} PjCĤC- CĤP°PSPPrPsPjC-P·PsPIP°PSC- PIP°C†C-C°PSC,Pë, CĤPëC- PsC,CĤPëPjP°P»Pë
PĤCĤPëPSP°PñPjPSC- PsPrPSC† PrPsP·C† P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPSP±C†,
PrPsCĤP»C-PrPµC†PIP°PSPsPiPs C† PëPsCĤPsC,PëPsC,CĤPëPIP°P»PsPjC† PIPsPrPIC-PñPSPsPjC†
CĤP»C-PiPsPjC† PIPµCĤC-PsPrC- PrPsCĤP»C-PrPµPµPSPSCĤ.

^{PI} P°PµCĤPµPrPSC° P·P° PjPµC,PsPrPsPj PSP°PñPjPµPSCëPëC... PëPIP°PrCĤP°C,C-PI
CĤPëPsCĤPëPiPsPIP°PSPµ PSP° PIPsC†P°C,PëPsPIPµ P·PSP°C†PµPSPSCĤ.

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

^{B§} PµPµ 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- PIPsCĤP»C-PrPsPIPSPsC—
PĤCĤPsC†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°PiC-CĤ

Pj C...PsPrC- 52-C,PëPµPSPµPIPsPiPs P°PëC,PëPIPSs-PëPsPSC,CĤPsP»CĤPsPIP°PSPsPiPs
PrPsCĤP»C-PrPµPµPSPSCĤ P· PrPsPIPµPrPµPSPSCĤ PSPµ PSPëPµC†PsC—
PµC,,PµPëC,PëPIPSsCĤC,C- PrPsCĤP»C-PrPµC†PIP°PSPsPiPs P»C-PëP°CĤCĤPëPsPiPs
P·P°CĤPSP±C† (P· PIPµCĤC-PsPrP°PjPë PĤCĤPsPrPsPIPµPµPSPSCĤ 52 C- 104 C,PëPµPSC-)
PrC-CĤ P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPSP±C† P»PsCĤPëCĤC-PiP° PsC†C-PSCĤPIP°P»Pë
PĤCĤPë PrPsPrP°PIP°PSPSC- PrPs PjPµC,C,,PsCĤPjC-PSC† PIPsCĤC-PIPSCĤPSPs C-P·
CĤC†P»CĤC,,PsPSC-P»CĤPµC†PsPIPëPSPsCĤ (PiP»C-PiC-P·PëPr) PĤCĤPë PrPsPrP°PIP°PSPSC-
PrPs PjPµC,C,,PsCĤPjC-PSC† C† PIP°C†C-C°PSC,C-PI P· PSPµPrPsCĤC,P°C,PSC-Pj
PiP»C-PëPµPjC-C†PSPëPj PëPsPSC,CĤPsP»PµPj (HbA1c > 6,5 % C- ≤ 10 %).
P PµP·C†P»CĤC,P°C,Pë CĤPIC-PrC†PëP»Pë PĤCĤPs PIPsPrC-P±PSPµ CĤPµCĤPµPrPSC°
P·PSPëPµPµPSPSCĤ HbA1c PIC-Pr PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ C†PµCĤPµP· 52
C,PëPµPSC- C† PIPsCĤC-PIPSCĤPSPSC- P· PIP»C-PiC-P·PëPrPsPj, C%Ps
PĤCĤPsPrPµPjPsPSCĤC,CĤC†PIP°P»Ps PSPµ PSPëPµC†C† PµC,,PµPëC,PëPIPSsCĤC,CĤ
PrPsCĤP»C-PrPµC†PIP°PSPsPiPs P»C-PëP°CĤCĤPëPsPiPs P·P°CĤPSP±C†. PŞPµCĤPµP· 104
C,PëPµPSC- PIC-PrPëPsCĤPëPiPsPIP°PSP° CĤPµCĤPµPrPSCĤ P·PjC-PSP° HbA1c PIC-Pr
PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ CĤPëP»P°PrP°P»P° вĤ"0,32 % PrP»CĤ
PrP°PIP°PiP»C-C,,P»PsP·PëPSC† C- вĤ"0,14 % PrP»CĤ PiP»C-PiC-P·PëPrC†. PŞPµCĤPµP· 208
C,PëPµPSC-PI PIC-PrPëPsCĤPëPiPsPIP°PSP° CĤPµCĤPµPrPSCĤ P·PjC-PSP° HbA1c PIC-Pr
PIPëC...C-PrPSPsPiPs CĤC-PIPSCĤ CĤPëP»P°PrP°P»P° вĤ"0,10 % PrP»CĤ
PrP°PIP°PiP»C-C,,P»PsP·PëPSC† C- 0,20 % PrP»CĤ PiP»C-PiC-P·PëPrC†. PŞPµCĤPµP· 52, 104 C-
208 C,PëPµPSC-PI C† P·PSP°C†PSPs PjPµPSCëPsC— C†P°CĤC,PëPë PIP°C†C-C°PSC,C-PI C†
PĤCĤC†PiC- P»C-PëC†PIP°PSPSCĤ PrP°PIP°PiP»C-C,,P»PsP·PëPSPsPj (3,5 %, 4,3 % C- 5,0 %
PIC-PrPiPsPIC-PrPSPs) CĤPiPsCĤC,PµCĤC-PiP°PICĤCĤ PĤCĤPëPSP°PñPjPSC- PsPrPëPS
PµPiC-P·PsPr PiC-PiPsPiP»C-PëPµPjC-C— C† PIPsCĤC-PIPSCĤPSPSC- P· PĤCĤC†PiPsCĤ, CĤPëP°
PsC,CĤPëPjC†PIP°P»P° PiP»C-PiC-P·PëPr (40,8 %, 47,0 % C- 50,0 % PIC-PrPiPsPIC-PrPSPs).
PŞP°CĤC,PëP° PIP°C†C-C°PSC,C-PI, CĤPëC- PĤCĤPsPrPsPIPµC†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° бf“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¶ бf“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° бf“0,71 % C,P° бf“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 CḡP°PSC—C€Pμ PSPμ P»C—PePsPIP°PSPëC... PïP°C†C—C”PSC,C—PI P·
PSPμPrPsCÍC,P°C,PSCHbPs PePsPSC,CḡPsP»CHbPsPIP°PSPëPj PrC—P°P±PμC,PsPj 2 C,PëPïCí
(HbAlc ≥ 7,5 % C- ≤ 12 %) P±CḡP°P»Pë CíC†P°CÍC,CH Cí PrPIPsC...
PrPsCÍP»C—PrP¶PμPSPSCÍC... P· P°PeC,PëPIPSPëPj PePsPSC,CḡPsP»PμPj, C%oPs
C,CḡPëPIP°P»Ps 24 C,PëP¶PSC-, PrP»CÍ PsC†C—PSPePë PμC,,PμPeC,PëPIPSPsCÍC,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,,PsCḡPjC—PSPsPj PrP»CÍ CḡP°PSC—C€Pμ PSPμ
P»C—PePsPIP°PSPëC... PïP°C†C—C”PSC,C—PI PïPsCḡC—PIPSCÍPSPs P· C,PμCḡP°PïC—C”Cḡ
PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë P»C—PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±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,,PsCḡPjC—PSPsPj (PrPs 2000 PjPi PSP° PrPsP±Cí)
P·P°P±PμP·PïPμC†PëP»Ps P·PSP°C†PSPμ PïPsPeCḡP°C%oP°PSPSCÍ HbAlc PïPsCḡC—PIPSCÍPSPs
P· P»C—PeCíPIP°PSPSCÍPj PsPeCḡPμPjPëPjPë PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë
P»C—PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë (C,P°P±P»PëC†CÍ 2) C— CÍPïCḡPëC†PëPSPëP»Ps
P±C—P»CHbC€Pμ P·PSPëP¶PμPSPSCÍ CḡC—PIPSCÍ PïP»CḡPePsP·Pë PI PïP»P°P·PjC— PeCḡPsPIC—
PSP°C,C%oPμ (P”PıPı) (Cí PïPsCḡC—PIPSCÍPSPSC— P· P»C—PeCíPIP°PSPSCÍPj
PsPeCḡPμPjPëPjPë PjPsPSPsPePsPjPïPsPSPμPSC,PSPëPjPë P»C—PeP°CḡCÍCHbPePëPjPë
P·P°CÍPsP±P°PjPë) C,P° PjP°CÍPë C,C—P»P° (Cí PïPsCḡC—PIPSCÍPSPSC— P·
PjPμC,C,,PsCḡPjC—PSPsPj).

PÿP°P±P»PëC†CÍ 2. P PμP·CđP»CHbC,P°C,Pë PSP° C,PëP¶PSC— 24 (PıP’P”PıPÿ^{P°}) PI
P°PeC,PëPIPSPs—PePsPSC,CḡPsP»CHbPsPIP°PSPsPjCđ PrPsCÍP»C—PrP¶PμPSPSC—
PePsPjP±C—PSPsPIP°PSPsC— C,PμCḡP°PïC—C— PrP°PïP°PiP»C—C,,P»PsP·PëPSPsPj C—
PjPμC,C,,PsCḡPjC—PSPsPj Cđ CḡP°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·PëPSPıPμC,C,,PsCḡPjC—PS	
	10 PjPi	10 PjPi
PıP°CḡP°PjPμC,Cḡ	PıPμC,C,,PsCḡPjC—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 [†] P _μ C _μ P _μ PrPSC [°])	БҢ“1,98	БҢ“1,45	БҢ“1,44
P—PjC—PSP [°] PIC—Pr		B	
PiPsC [‡] P [°] C,PePsPIPsPiPs [°]	БҢ“0,53*B	B	
P C—P·PSP [°] C [†] C _μ	(БҢ“0,74; БҢ“0,32)		
PiPsC _μ C—PIPSC _μ PSPs P·			
PrP [°] PiP [°] PiP [°] C—C,,P»PsP·P [°] PSPsPj ^{C[†]}	БҢ“0,54* B	БҢ“0,01	
(95% P”P [†])	(БҢ“0,75; БҢ“0,33)	(БҢ“0,22; 0,20)	
P C—P·PSP [°] C [†] C _μ			
PiPsC _μ C—PIPSC _μ PSPs P·			
PjP _μ C,C,,PsC _μ PjC—PSPsPj [°]			
(95% P”P [†])			

^a P_μP’P”P_μPҢ БҢ“ PiP_μC_μP_μPSP_μC[†]P_μPSPSC_μ PIPiP_μC_μP_μPr PrP[°]PSP[°]C...
PsC[†]C,P[°]PSPSC_μPsPiPs C[†]PiPsC[†]C,P_μC_μP_μPҢP_μPSPSC_μ.

^b P’C[†]C— C_μP[°]PSP_μPsPjC—P·PsPIP[°]PSC— PiP[°]C[†]C—C”PSC,P[°], C_μPeC— PsC,C_μP[°]PjP[°]P»P[°]
PiC_μP[°]PSP[°]PN_μPjPSC— PsPrPSC[†] PrPsP·C[†] P»C—PeP[°]C_μC[†]C_μPePsPiPs P·P[°]C[†]PsP[±]C[†]
PiPsPrPIC—PN_μPSPsPiPs C[†]P»C—PiPsPiPs PrPsC[†]P»C—PrPҢP_μPSPSC_μ PiC—Pr C[†]P[°]C[†]
PePsC_μPsC,PePsC[‡]P[°]C[†]PSPsPiPs PiPsPrPIC—PN_μPSPsPiPs C[†]P»C—PiPsPiPs PiP_μC_μC—PsPrC[†].

^c PҢP_μC_μP_μPrPSC” P·P[°] PjP_μC,PsPrPsPj PSP[°]PN_μPjP_μPSC[°]PeC... PePIP[°]PrC_μP[°]C,C—PI
C[†]PePsC_μP[°]PiPsPIP[°]PSP_μ PSP[°] PiPsC[‡]P[°]C,PePsPIP_μ P·PSP[°]C[‡]P_μPSPSC_μ.

* p·P·PSP[°]C[‡]P_μPSPSC_μ < 0,0001.

*P_μPsPjP[±]C—PSPsPIP[°]PSP[°] C,P_μC_μP[°]PiC—C_μ P· P_μPeC[†]P_μPSP[°]C,P[°]PrPsPj
PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs PIP[°]PIC—P»C_μPsP_μPSPSC_μ*

Pj 28-C,P[°]PҢPSP_μPIPsPjC[†] PiPsPrPIC—PN_μPSPsPjC[†] C[†]P»C—PiPsPjC[†] P[°]PeC,P[°]PIPSPs-
PePsPSC,C_μPsP»C_μPsPIP[°]PSPsPjC[†] PrPsC[†]P»C—PrPҢP_μPSPSC— PePsPjP[±]C—PSP[°]C[†]C—C_μ
PrP[°]PiP[°]PiP[°]C—C,,P»PsP·P[°]PSC[†] C,P[°] P_μPeC[†]P_μPSP[°]C,P[°]PrC[†] PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs
PIP[°]PIC—P»C_μPsP_μPSPSC_μ (P[°]PiPsPSC—C[†]C, C_μP_μC[†]P_μPiC,PsC_μP[°] P”P_μP_μ-1)
PiPsC_μC—PIPSC_μPIP[°]P»P[°]C[†]C_μ P· P»C—PeC[†]PIP[°]PSPSC_μPj PrP[°]PiP[°]PiP[°]C—C,,P»PsP·P[°]PSPsPj
PsPeC_μP_μPjPs C— P_μPeC[†]P_μPSP[°]C,P[°]PrPsPj PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs
PIP[°]PIC—P»C_μPsP_μPSPSC_μ PsPeC_μP_μPjPs C[†] PiP[°]C[†]C—C”PSC,C—PI P· PSP_μPrPsC[†]C,P[°]C,PSC_μPs
PePsPSC,C_μPsP»C_μPsPIP[°]PSP[°]Pj PrC—P[°]P[±]P_μC,PsPj PSP[°] PjPsPSPsC,P_μC_μP[°]PiC—C—
PjP_μC,C,,PsC_μPjC—PSPsPj (HbAlc ≥ 8 % C— ≤12%). Pj PIC[†]C—C... PiC_μC[†]PiP[°]C...
P»C—PeC[†]PIP[°]PSPSC_μ P·PjP_μPSC[°]PePIC[†]C_μ C_μC—PIP_μPSC_μ HbAlc PiPsC_μC—PIPSC_μPSPs P·
PiPsC[‡]P[°]C,PePsPIP[°]Pj. P_μPsPjP[±]C—PSPsPIP[°]PSP[°] C,P_μC_μP[°]PiC—C_μ
PrP[°]PiP[°]PiP[°]C—C,,P»PsP·P[°]PSPsPj C[†] PrPsP·C— 10 PjPi C,P[°] P_μPeC[†]P_μPSP[°]C,P[°]PrPsPj
PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs PIP[°]PIC—P»C_μPsP_μPSPSC_μ P·C[†]PjPsPIP[°]P»P[°] P·PSP[°]C[‡]PSP_μ
P·PSP[°]PҢP_μPSPSC_μ C_μC—PIPSC_μ HbAlc PiPsC_μC—PIPSC_μPSPs P· PiPsC[‡]P[°]C,PePsPIP[°]Pj
PiPsPeP[°]P·PSP[°]PePsPj C[†] PiPsC_μC—PIPSC_μPSPSC— P· P»C—PeC[†]PIP[°]PSPSC_μPj
PrP[°]PiP[°]PiP[°]C—C,,P»PsP·P[°]PSPsPj C,P[°] P_μPeC[†]P_μPSP[°]C,P[°]PrPsPj PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs
PIP[°]PIC—P»C_μPsP_μPSPSC_μ PsPeC_μP_μPjPs (C,P[°]P[±]P»P[°]C[†]C_μ 3).

*PjP[°]P[±]P»P[°]C[†]C_μ 3. P P_μP·C[‡]P»C_μC,P[°]C,P[°] PsPrPSPsPiPs 28-C,P[°]PҢPSP_μPIPsPiPs
PrPsC[†]P»C—PrPҢP_μPSPSC_μ PrP[°]PiP[°]PiP[°]C—C,,P»PsP·P[°]PSC[†] C,P[°] P_μPeC[†]P_μPSP[°]C,P[°]PrC[†]
PiC_μPsP»PsPSPiPsPIP[°]PSPsPiPs PIP[°]PIC—P»C_μPsP_μPSPSC_μ C[‡] PiPsC_μC—PIPSC_μPSPSC— P·*

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

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

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

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

* $p < 0,001$.

** $p < 0,01$.

Сґ-Р·PSP°С±РµPSPSCЦ вґ“ PICґС- СґPePsСґPёPiPsPIP°PSC- Сґ-Р·PSP°С±РµPSPSCЦ PrP»CЦ PjPSPsPґPёPSPSPsCґС,-.

РґPSP°P»С-Р·Pё PIPёPeP»СґС±P°СґС,Сґ PIPёPjC-СґСґPIP°PSPSCЦ PґС-СґP»CЦ С,РµСґP°PґС-С— PґPsСґCЦC,СґPSPeCґ С- PґС-СґP»CЦ PrPsCґС,СґPsPePsPIPsPiPs PґСґPёPiPёPSPµPSPSCЦ P·P°CґС,PсCґCґPIP°PSPSCЦ PrPsCґP»С-PrPґCґPIP°PSPsPiPs P»С-PeP°СґCґСґPePsPiPs P·P°CґPs±Cґ.

P C-PIPSC- PiP»СґPePsP·Pё PI PiP»P°P·PjC- PeСґPsPIC- PSP°С,C%oPµ

P—P°CґС,PсCґCґPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSCґ Cґ PrPsP·С- 10 PjPi Cґ PIPёPiP»CЦPrC- PjPsPSPsC,РµСґP°PґС-С— P°P±Ps CЦPe PrPsPiPsPIPsPSPµPSPSCЦ PrPs PjPµC,C,,PsСґPjC-PSCґ, PiP»С-PjPµPiC-СґPёPrCґ, PjPµC,C,,PsСґPjC-PSCґ С,P° CґCґP»СґС,,PsPSC-P»CґPµC±PsPIPёPSPё, CґPёC,P°PiP»С-PґС,PёPSCґ (P· PjPµC,C,,PsСґPjC-PSPsPj P°P±Ps P±PµP·) P°P±Ps С-PSCґCґP»С-PSCґ P·CґPjPsPIPёP»Ps CґС,P°С,PёCґС,PёC±PSPs P·PSP°С±CґC%oPµ P·PSPёPґPµPSPSCЦ P“PµPґ (PIC-Pr вґ“1,90 PrPs вґ“1,20 PjPjPsP»Сґ/P» [PIC-Pr вґ“34,2 PrPs вґ“21,7 PjPi/PrP»]) PґPsСґС-PIPsCЦPSPs P· PiP»P°С±PµP±Ps (PIC-Pr вґ“0,33 PrPs 0,21 PjPjPsP»Сґ/P» [PIC-Pr вґ“6,0 PrPs 3,8 PjPi/PrP»]). PґPµP№ PµC,,PµPeC, CґPiPsCґС,РµСґС-PiP°PICґCЦ Cґ С,PёPґPrPµPSCґ 1 P»С-PeCґPIP°PSPSCЦ С- P·P±PµСґС-PiP°PICґCЦ Cґ PrPsCґP»С-PrPґPµPSPSCЦC... P· PґСґPsPrPsPIPґPµPSPSCЦPj PrPs С,PёPґPSCЦ 104 PIPeP»СґС±PSPs.

PґPsPjP±С-PSPsPIP°PSP° С,РµСґP°PґС-СЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj 10 PjPi С,P° PµPeCґPµPSP°С,PёPrPsPj PґСґPsP»PsPSPiPsPIP°PSPsPiPs PIPёPIC-P»СґPSPµPSPSCЦ PґСґPёPiPµP»P° PrPs CґCґС,C,C”PIC-CёPsPiPsB P·PSPёPґPµPSPSCЦB P“PµPґ PSP° 28 С,PёPґPSC-: вґ“3,66 PjPjPsP»Сґ/P» (вґ“65,8 PjPi/PrP»), Cґ PґPsСґС-PIPsCЦPSPSC- вґ“2,73 PjPjPsP»Сґ/P» (вґ“49,2 PjPi/PrP») Cґ СґP°P·С- P·P°CґС,PсCґCґPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSCґ PsPeСґPµPjPs (Сґ < 0,001) С,P° вґ“2,54 PjPjPsP»Сґ/P» (вґ“45,8 PjPi/PrP») Cґ СґP°P·С- P·P°CґС,PсCґCґPIP°PSPSCЦ PµPeCґPµPSP°С,PёPrCґ PsPeСґPµPjPs (Сґ < 0,001).

PJ CґPiPµCґС-P°P»СґPSPsPjCґ PrPsCґP»С-PrPґPµPSPSC- Cґ PiP°CґС-C”PSC,C-PI, C...PIPsСґPёC... PSP° CґCґPeСґPsPIPёP№ PrC-P°P±PµC,, P· pPёPґPґ PIC-Pr ≥ 45 PrPs < 60 PjP»/C...PI/1,73 Pj² P»С-PeCґPIP°PSPSCЦ B PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj PґСґPsPrPµPjPsPSCґС,СґCґPIP°P»Ps P·PSPёPґPµPSPSCЦ P“PµPґ PSP° 24 С,PёPґPSC-: -1,19 PjPjPsP»Сґ/P» (- 21,46 PjPi/PrP») Cґ PґPsСґС-PIPsCЦPSPSC- P· -0,27 PjPjPsP»Сґ/P» (-4,87 PjPi/PrP») PrP»CЦ PiP»P°С±PµP±Ps (Сґ = 0,001).

P C-PIPSC- PiP»СґPePsP·Pё Cґ PiP»P°P·PjC- PeСґPsPIC- PґС-СґP»CЦ PґСґPёP№PsPjCґ С-PґC-

P»С-PeCґPIP°PSPSCЦ PrP°PiP°PiP»С-С,,P»PsP·PёPSPsPj Cґ PrPsP·С- 10 PjPi PrPsPrP°С,PePsPIPs PrPs P»С-PeCґPIP°PSPSCЦ PiP»С-PjPµPiC-СґPёPrPsPj CґPiСґPёC±PёPSPёP»PsB CґС,P°С,PёCґС,PёC±PSPs P·PSP°С±CґC%oPµ P·PSPёPґPµPSPSCЦ СґС-PIPsC-PI PiP»СґPePsP·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»PsPSiPsPIP°PSPsPiPs PIPēPIC-P»CHḡPSPμPSPSCḡ P·CfPjPsPIPēP»P° P·PSP°C‡CrC%oPμ P·PSPēPḡPμPSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pē Cr 2- PiPsPrPēPSPSPsPjCr PiPsCl̇C,PiCḡP°PSPrC-P°P»CHḡPSPsPjCr C,PμCl̇C,C- PSP° 28 C,PēPḡPSC-B PiPsCḡC-PIPSCḡPSPs P· PsPeCḡPμPjPēPjPē P»C-PeP°CḡCl̇CHḡPePēPjPē 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»CHḡC,,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,CHḡ 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,CHḡ 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»CHḡPsPIP°PSPsPjCr PrPsCl̇P»C-PrPḡPμPSPSC- P· PrPsPIPμPrPμPSPSCḡ PSPμ PSPēPḡC‡PsC— PμC,,PμPeC,PēPIPSPsCl̇C,C- PrPsCl̇P»C-PrPḡCrPIP°PSPsPiPs P»C-PeP°CḡCl̇CHḡPePsPiPs 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»PsPSiPsPIP°PSPsPiPs PIPēPIC-P»CHḡPSPμPSPSCḡ PiCḡPsPrPμPjPsPSCl̇C,CḡCrPIP°P»P° Cl̇CrC,C,C°PIC-CēPμ P·PSPēPḡPμPSPSCḡ PjP°Cl̇Pē

C,C-P»P° Cí PíPsCĤC-PIPSCĬPSPSC- P· C,PμCĤP°PīC-C"CH PePsP¶PSPëPj C-P·
P»C-PeP°CĤCĬCHPePëC... P·P°CĬPsP±C-PI PsPeCĤPμPjPs (C,P°P±P»PëCĬCĬ 3).

P PμP·CíP»CHC,P°C,Pë 24-C,PëP¶PSPμPIPsPiPs PrPsCĬP»C-PrP¶PμPSPSCĬ P·P° CíC±P°CĬC,CH
182 PīP°CĬC-C"PSC,C-PI P· C†CíPeCĤPsPIPëPj PrC-P°P±PμC,PsPj, PI CĬPePsPjCí
PIPëPePsCĤPëCĬC,PsPICíPIP°P»Pë PrPIPsPμPSPμCĤPiC-PN̄PSCí
CĤPμPSC,PiPμPSC-PICĬCHPeCí P°P±CĬPsCĤP±C†C-PsPjPμC,CĤC-CH PrP»CĬ PsC†C-PSPePë
CĬPeP»P°PrCí C,C-P»P°, PíPsPeP°P·P°P»Pë P±C-P»CHC€Pμ P·PjPμPSC€PμPSPSCĬ PjP°CĬPë
C,C-P»P° C,P° P¶PëCĤPsPIPsC— PjP°CĬPë C,C-P»P°, PSC-P¶ P·PjPμPSC€PμPSPSCĬ
P±PμP·P¶PëCĤPsPIPsC— PjP°CĬPë C,C-P»P° C±Pë PIC,CĤP°C,Cí CĤC-PrPëPSPë, Cí
PīP°C†C-C"PSC,C-PI PI PiCĤCíPīC- P»C-PeCíPIP°PSPSCĬ PrP°PīP°PiP»C-C,,P»PsP·PëPSPsPj Cí
PrPsP·C- 10 PjPi C- PjPμC,C,,PsCĤPjC-PSPsPj PíPsCĤC-PIPSCĬPSPs P· PiCĤCíPíPsCH
PīP»P°C†PμP±Ps C- PjPμC,C,,PsCĤPjC-PSCí. P>C-PeCíPIP°PSPSCĬ P»C-PeP°CĤCĬCHPePëPj
P·P°CĬPsP±PsPj PαPsCĤPeCĬC-PiP° C,P° PjPμC,C,,PsCĤPjC-PSPsPj P·CíPjPsPIPëP»Ps
C±PëCĬPμP»CHPSPμ P·PjPμPSC€PμPSPSCĬ PIC-CĬC†PμCĤP°P»CHPSPsC— P¶PëCĤPsPIPsC—
C,PeP°PSPëPSPë PíPsCĤC-PIPSCĬPSPs P· P»C-PeCíPIP°PSPSCĬPj PīP»P°C†PμP±Ps C,P°
PjPμC,C,,PsCĤPjC-PSPsPj, P·P° PrP°PSPëPjPë CĬCíP±PrPsCĬP»C-PrP¶PμPSPSCĬ P·
PIPëPePsCĤPëCĬC,P°PSPSCĬPj PjP°PiPSC-C,PSPs-CĤPμP·PsPSP°PSCĬPSPsC—
C,PsPjPsPiCĤP°C,,C-C—.

PĥCĤC,PμCĤC-P°P»CHPSPëPM̄ C,PëCĬPe

P—PiC-PrPSPs P· PrP°PSPëPjPë PíPsPīPμCĤPμPrPSCĤPs P·P°PīP»P°PSPsPIP°PSPsPiPs
PsP±BĤ™C"PrPSP°PSPsPiPs P°PSP°P»C-P·Cí 13 PīP»P°C†PμP±Ps-
PePsPSC,CĤPsP»CHPSPiP°PSPëC... PrPsCĬP»C-PrP¶PμPSCĤ, P»C-PeCíPIP°PSPSCĬ
PrP°PīP°PiP»C-C,,P»PsP·PëPSPsPj Cí PrPsP·C- 10 PjPi P·CíPjPsPIPëP»Ps P·PjC-PSCí
CĬPëCĬC,PsP»C-C†PSPsPiPs P°CĤC,PμCĤC-P°P»CHPSPsPiPs B C,PëCĬPeCí PIC-Pr
PIPëC...C-PrPSPsPiPs CĤC-PIPSCĬ BĤ"3,7 PjPj CĤC,. CĬC,. C,P° PrC-P°CĬC,PsP»C-C†PSPsPiPs
P°CĤC,PμCĤC-P°P»CHPSPsPiPs C,PëCĬPeCí BĤ"1,8 PjPj CĤC,. CĬC,. PíPsCĤC-PIPSCĬPSPs P·
BĤ"0,5 PjPj CĤC,. CĬC,. PrP»CĬ CĬPëCĬC,PsP»C-C†PSPsPiPs C,P° BĤ"0,5 PjPj CĤC,. CĬC,. PrP»CĬ
PrC-P°CĬC,PsP»C-C†PSPsPiPs P°CĤC,PμCĤC-P°P»CHPSPsPiPs C,PëCĬPeCí Cí PiCĤCíPīC-
PīP»P°C†PμP±Ps Cí C,PëP¶PrPμPSCĤ 24. PμPsPrC-P±PSPμ P·PSPëP¶PμPSPSCĬ
CĬPiPsCĬC,PμCĤC-PiP°P»PsCĬCĬ PiCĤPsC,CĬPiPsPj CíCĬCHPSPiPs PīPμCĤC-PsPrCí
C,CĤPëPIP°P»C-CĬC,CH PrPs 104 C,PëP¶PSC-PI.

PĤPsPjP±C-PSPsPIP°PSP° C,PμCĤP°PīC-CĬ PrP°PīP°PiP»C-C,,P»PsP·PëPSPsPj 10 PjPi C,P°
PμPeCĬPμPSP°C,PëPrPsPj PīCĤPsP»PsPSPiPsPIP°PSPsPiPs PIPëPIC-P»CHPSPμPSPSCĬ
PiCĤPëP·PIPμP»P° PrPs CĬCíC,C,C"PIPsPiPsB P·PSPëP¶PμPSPSCĬ CĬPëCĬC,PsP»C-C†PSPsPiPs
C,PëCĬPeCí PSP° B 28 C,PëP¶PSC- (BĤ"4,3 PjPj CĤC,. CĬC,.) Cí PíPsCĤC-PIPSCĬPSPSC- C-P·
P·P°CĬC,PsCĬCíPIP°PSPSCĬPj PrP°PīP°PiP»C-C,,P»PsP·PëPSCí PsPeCĤPμPjPs (BĤ"1,8 PjPj CĤC,.
CĬC,., CĤ < 0,05) C,P° P·P°CĬC,PsCĬCíPIP°PSPSCĬPj PμPeCĬPμPSP°C,PëPrCí
PiCĤPsP»PsPSPiPsPIP°PSPsPiPs PIPëPIC-P»CHPSPμPSPSCĬ PsPeCĤPμPjPs (BĤ"1,2 PjPj CĤC,.
CĬC,., CĤ < 0,01).

PJ PrPIPsC... 12-C, PëP¶PSPµPIPëC... PïP»P°C†PµP±Ps-PePsPSC, C¶PsP»CHbPsPIP°PSPëC...
 PrPsC¶P»C-PrP¶PµPSPSC¶C... CrC¶CHbPsPiPs 1062 PïP°C†C-C''PSC, Pë P·
 PSPµPrPsC¶C, P°C, PSCbPs PePsPSC, C¶PsP»CHbPsPIP°PSPëPj C†CrPeC¶PsPIPëPj
 PrC-P°P±PµC, PsPj 2 C, PëPïC¶ C, P° P°C¶C, PµC¶C-P°P»CHbPSPsC¶ PiC-PiPµC¶C, PµPSP·C-C''C¶
 (PSPµP·PIP°P¶P°C¶C±Pë PSP° PïPsC¶C, C-PNëPSPµ P»C-PeC¶PIP°PSPSC¶
 C-PSPiC-P±C-C, PsC¶PsPj P°PSPiC-PsC, PµPSP·PëPSPiPµC¶PµC, PIPsC¶C¶C¶C±PsPiPs
 C,, PµC¶PjPµPSC, Cr (C-P¶PµPα) 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 P¶) PI PsPrPSPsPjC¶
 PrPsC¶P»C-PrP¶PµPSPSC- C, P° C-P¶PµPα C±Pë P'P P¶ P· PrPsPrP°PIP°PSPSC¶Pj PsPrPSPsPiPs
 P°PSC, PëPiC-PiPµC¶C, PµPSP·PëPIPSPsPiPs P»C-PeP°C¶C¶CHbPePsPiPs 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°PNëPSPëPj 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»CHbPSPsPiPs C, PëC¶PeC¶ PI
 C¶PµC¶PµPrPSCbPsPjC¶ PSP° 3,1 C, P° 4,3 PjPj C¶C,, C¶C,, PIC-PrPiPsPIC-PrPSPs.

PJ C¶PiPµC†C-P°P»CHbPSPsPjC¶ PrPsC¶P»C-PrP¶PµPSPSC- Cr PïP°C†C-C''PSC, C-PI,
 C...PIPSC¶PëC... PSP° PrC-P°P±PµC,, P· C¶PëP¶Pα 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»CHbPSPsPiPs 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±PSPëPNë PePsPSC, C¶PsP»CHb C¿ PïP°C†C-C''PSC, C-PI P·
PïPsC¶C¿C¶PµPSPSC¶Pj C,, C¿PSPeC†C-C— PSPëC¶PsPe C¶PµC¶PµPrPSCbPsPiPs
C¶C, C¿PiPµPSC¶ (C...C¶PsPSC-C±PSP° C...PIPSC¶PsP±P° PSPëC¶PsPe 3P¶
P¶P¶P¶)(C¶PsP·C¶P°C...PsPIP°PSP° C¶PIPëPrPeC-C¶C, CHb PeP»C¿P±PsC±PePsPiPsC—
C,, C-P»CHbC, C¶P°C†C-C— (C¶PëP¶Pα) PIC-Pr ≥B 45 PrPs < 60 PjP»/C...PI/1,73Pj²)

P·C,, PµPeC, PëPIPSC-C¶C, CHb 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»CHbPSPsPiPs 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¶PëP¶Pα ≥
 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-PNë
 PïP»C-PePµPjC-C±PSPëPNë PePsPSC, C¶PsP»CHb PïC¶Pë P·PIPëC±P°PNëPSPsPjC¶
 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).

PjP°P±P»PëC†C¶C 4. P PµP·C¿P»CHbC, P°C, Pë PïP»P°C†PµP±Ps-
PePsPSC, C¶PsP»CHbPsPIP°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¶PëP¶Pα 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-PIPμPSCH (CġPμCḡPμPrPSC-PNē) P—PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĹ ^{P±} P C-P·PSPēC†CĹ PīPsCḡC-PIPSCĹPSPs 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-PIPμPSCH (CġPμCḡPμPrPSC-PNē) P'C-PrCġPsC,PePsPIP° P·PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĹ ^{Pi} P C-P·PSPēC†CĹ Cġ PIC-PrCġPsC,PeP°C... PīPsCḡC-PIPSCĹPSPs P· PīP»P°C†PμP±Ps ^{Pi} (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°CġC,PēPSPsCḡ P·PIPēC†P°PNēPSPsPiPs P»C-PeCġPIP°PSPSCĹ Cġ 69,4% C- 64,0% PīP°C†C-C''PSC,C-PI PrP»CĹ PiCḡCġPīPē PrP°PīP°PiP»C-C,,P»PsP·PēPSCġ C,P° PīP»P°C†PμP±Ps, PIC-PrPīPsPIC-PrPSPs.

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

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

* 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-CĹ B PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj Cġ PrPsP·C- 10 PjPi (PIC-PrPePsCḡPēPiPsPIP°PSP° CġPμCḡPμPrPSCĹ P·PjC-PSP° PIC-Pr PIPēC...C-PrPSPsPiPs CḡC-PIPSCĹ: 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°PSPSCĹ PrP°PīP°PiP»C-C,,P»PsP·PēPSCġ PrPsPrP°C,PePsPiPs PrPs P»C-PeCġPIP°PSPSCĹ PjPμC,С,,PsCḡPjC-PSPsPj (PIC-PrPePsCḡPēPiPsPIP°PSP°

[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†P̄μPIC† 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 PiC-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) C† P·P°P̄iPsP±C-PiP°PSPSC- P̄iPsCÍ'P̄iC-C,P°P»C-P·P°C†C-C— C†P̄μC̄P̄μP· CÍ'P̄μC̄P̄C†P̄μPIC† 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†P̄μPIC† 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-

$C\acute{I}C\acute{r}P\acute{r}P\ddot{e}PSPSPsPiPs$ $P\cdot P^{\circ}C\dots PIPsC\grave{H}C\grave{H}PIP^{\circ}PSPSC\grave{I}$, $C\grave{I}Pe$ $P\cdot$ $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIPsC\grave{H}$
 $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\grave{H}$ $C,P^{\circ}Pe$ $C-P\pm P\mu P\cdot$ $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIPsC-$
 $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSPsC\acute{I}C,C-PSP^{\circ}$ $P\ddot{I}PsC\ddot{t}P^{\circ}C,PePsPIPSPjC\acute{r}$ $P\mu C,P^{\circ}P\ddot{I}C-$, $C-P\pm C\acute{r}P\gg P^{\circ}$
 $P\ddot{I}PsC\acute{I}P\gg C-PrPsPIPSPsC\grave{H}$ PI $C\grave{H}C-P\cdot PSP\ddot{e}C\dots$ $P\ddot{I}C-PrPiC\grave{H}C\acute{r}P\ddot{I}P^{\circ}C\dots$, $P\cdot PsPeC\grave{H}P\mu PjP^{\circ}$ $P\cdot P^{\circ}$
 $PIC-PePsPj$, $C\acute{I}C,P^{\circ}C,C,C\grave{H}$, $C,,C\acute{r}PSPeC\acute{t}C-C''C\grave{H}$ $PSP\ddot{e}C\grave{H}PsPe$ ($C\grave{H}P\ddot{E}P\grave{H}P\alpha$) $C-C\grave{H}P\mu PiC-PsPSPsPj$.

$P\mu P\mu C\grave{H}P\mu PIP^{\circ}PiP^{\circ}$ $PrP^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PSC\acute{r}$ $PSP^{\circ}Pr$ $P\ddot{I}P\gg P^{\circ}C\acute{t}P\mu P\pm Ps$ $PSP\mu$ $P\pm C\acute{r}P\gg P^{\circ}$
 $P\ddot{I}C\grave{H}PsPrP\mu PjPsPSC\acute{I}C,C\grave{H}PsPIP^{\circ}PSP^{\circ}$ $PrP\gg C\grave{I}$ $MACE$ ($p = 0,172$). $P\acute{k}P\ddot{e}C\grave{H}PePsPIC\acute{r}$
 $PePsPjP\pm C-PSPsPIP^{\circ}PSC\acute{r}$ $PeC-PSC\acute{t}P\mu PIC\acute{r}$ $C,PsC\ddot{t}PeC\acute{r}$ C,P° $C\acute{I}PjP\mu C\grave{H}C,C\grave{H}$ $C\ddot{t}P\mu C\grave{H}P\mu P\cdot$
 $P\pm C\acute{r}PrC\grave{H}-C\grave{I}PeC\acute{r}$ $P\ddot{I}C\grave{H}P\ddot{e}C\ddot{t}P\ddot{e}PSC\acute{r}$ $PSP\mu$ $P\ddot{I}P\mu C\grave{H}P\mu PIC-C\grave{H}C\grave{I}P\gg P\ddot{e}$ $C\grave{I}Pe$ $C\ddot{t}P^{\circ}C\acute{I}C,P\ddot{e}PSC\acute{r}$
 $P\ddot{I}C\grave{H}PsC\acute{t}P\mu PrC\acute{r}C\grave{H}P\ddot{e}$ $P\ddot{I}C-PrC,PIP\mu C\grave{H}PrP\mu C\acute{r}PIP^{\circ}P\gg C\grave{H}PSPsPiPs$ $C,P\mu C\acute{I}C,C\acute{r}PIP^{\circ}PSPSC\grave{I}$.

$P\acute{k}P\mu C,,C\grave{H}PsP\ddot{I}P^{\circ}C,C-C\grave{I}$

$P''P^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PS$ $P\cdot PSP\ddot{e}P\mu C\acute{r}PIP^{\circ}PI$ $C\ddot{t}P^{\circ}C\acute{I}C,PsC,C\acute{r}$ $P\ddot{I}PsPrC-PN\grave{e}$
 $PePsPjP\pm C-PSPsPIP^{\circ}PSPsC-$ $C,PsC\ddot{t}PeP\ddot{e}$: $P\ddot{I}C-PrC,PIP\mu C\grave{H}PrP\mu P\mu PSPsPiPs$ $C\acute{I}C,C-PN\grave{e}PePsPiPs$
 $P\cdot PSP\ddot{e}P\mu P\mu PSPSC\grave{I}$ $C\grave{H}P\ddot{E}P\grave{H}P\alpha$, $C,P\mu C\grave{H}PjC-PSP^{\circ}P\gg C\grave{H}PSPsC-$ $C\acute{I}C,P^{\circ}PrC-C-$
 $PSP\ddot{e}C\grave{H}PePsPIPSC-$ $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSPsC\acute{I}C,C-$ ($P\ddot{Y}P\ddot{Y}P\acute{k}P\acute{k}$), $C\acute{I}PjP\mu C\grave{H}C,C-$ $C\ddot{t}P\mu C\grave{H}P\mu P\cdot$
 $PSP\ddot{e}C\grave{H}PePsPIC-$ $P^{\circ}P\pm Ps$ $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIPs-C\acute{I}C\acute{r}PrP\ddot{e}PSPSC-$ $P\cdot P^{\circ}C\dots PIPsC\grave{H}C\grave{H}PIP^{\circ}PSPSC\grave{I}$.
 P $C-P\cdot PSP\ddot{e}C\acute{t}C\grave{I}$ $PjC-P\mu P\ddot{I}C\grave{H}C\acute{r}P\ddot{I}P^{\circ}PjP\ddot{e}$ $P\pm C\acute{r}P\gg P^{\circ}$ $PsP\pm C\acute{r}PjPsPIP\gg P\mu PSP^{\circ}$ $P\cdot PSP\ddot{e}P\mu P\mu PSPSC\grave{I}Pj$
 $P\ddot{I}PsPrC-PN\grave{e}$ $PSP\ddot{e}C\grave{H}PePsPIP\ddot{e}C\dots$ $PePsPjP\ddot{I}PsPSP\mu PSC,C-PI$: $C\acute{I}C,C-PN\grave{e}PePsPiPs$
 $P\cdot PSP\ddot{e}P\mu P\mu PSPSC\grave{I}$ $C\grave{H}P\ddot{E}P\grave{H}P\alpha$, $C,P\mu C\grave{H}PjC-PSP^{\circ}P\gg C\grave{H}PSPsC-$ $C\acute{I}C,P^{\circ}PrC-C-$
 $PSP\ddot{e}C\grave{H}PePsPIPSC-$ $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSPsC\acute{I}C,C-$ $C-C\acute{I}PjP\mu C\grave{H}C,C-$ $C\ddot{t}P\mu C\grave{H}P\mu P\cdot$
 $PSP\ddot{e}C\grave{H}PePsPIC-$ $P\cdot P^{\circ}C\dots PIPsC\grave{H}C\grave{H}PIP^{\circ}PSPSC\grave{I}$.

$P'C-PrPSPsC\epsilon P\mu PSPSC\grave{I}$ $C\grave{H}P\ddot{e}P\cdot P\ddot{e}PeC\acute{r}$ $PrPs$ $C\ddot{t}P^{\circ}C\acute{I}C\acute{r}$ $PIP\ddot{e}PSP\ddot{e}PePSP\mu PSPSC\grave{I}$
 $PSP\mu C,,C\grave{H}PsP\ddot{I}P^{\circ}C,C-C-$ ($C\acute{I}C,C-PN\grave{e}PeP\mu$ $P\cdot PSP\ddot{e}P\mu P\mu PSPSC\grave{I}$ $C\grave{H}P\ddot{E}P\grave{H}P\alpha$, $P\ddot{Y}P\ddot{Y}P\acute{k}P\acute{k}$ $C-$
 $C\acute{I}PjP\mu C\grave{H}C,C\grave{H}$ $C\ddot{t}P\mu C\grave{H}P\mu P\cdot$ $PSP\ddot{e}C\grave{H}PePsPIC-$ $P\cdot P^{\circ}C\dots PIPsC\grave{H}C\grave{H}PIP^{\circ}PSPSC\grave{I}$) $P\pm C\acute{r}P\gg Ps$ 0,53
 (95 % $P''P\ddot{t}$ 0,43; 0,66) $PrP\gg C\grave{I}$ $PrP^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PSC\acute{r}$ $C\acute{r}$ $P\ddot{I}PsC\grave{H}C-PIPSC\grave{I}PSPSC-$ $P\cdot$
 $P\ddot{I}P\gg P^{\circ}C\acute{t}P\mu P\pm Ps$.

$P\grave{H}C\grave{H}C-Pj$ $C,PsPiPs$, $PrP^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PS$ $P\cdot PjP\mu PSC\epsilon P\ddot{e}PI$ $PSPsPIC-$ $P\mu P\ddot{I}C-P\cdot PsPrP\ddot{e}$
 $C\acute{I}C,C-PN\grave{e}PePsC-$ $P^{\circ}P\gg C\grave{H}P\pm C\acute{r}PjC-PSC\acute{r}C\grave{H}C-C-$ ($PIC-PrPSPsC\epsilon P\mu PSPSC\grave{I}$ $PjP\mu P\mu$
 $C,,C\acute{r}PSPeC\acute{t}C-PN\grave{e}$ $C\grave{H}P\ddot{e}P\cdot P\ddot{e}PeC\acute{r}$ 0,79 [95 % $P''P\ddot{t}$ 0,72; 0,87]) $C-$ $P\ddot{I}C\grave{H}P\ddot{e}P\cdot PIC-PI$ $PrPs$
 $P\pm C-P\gg C\grave{H}C\epsilon PsC-$ $C\grave{H}P\mu PiC\grave{H}P\mu C\acute{I}C-C-$ $PjP^{\circ}PeC\grave{H}PsP^{\circ}P\gg C\grave{H}P\pm C\acute{r}PjC-PSC\acute{r}C\grave{H}C-C-$
 ($PIC-PrPSPsC\epsilon P\mu PSPSC\grave{I}$ $PjP\mu P\mu$ $C,,C\acute{r}PSPeC\acute{t}C-PN\grave{e}$ $C\grave{H}P\ddot{e}P\cdot P\ddot{e}PeC\acute{r}$ 1,82 [95 % $P''P\ddot{t}$ 1,51; 2,20]) $C\acute{r}$
 $P\ddot{I}PsC\grave{H}C-PIPSC\grave{I}PSPSC-$ $P\cdot$ $P\ddot{I}P\gg P^{\circ}C\acute{t}P\mu P\pm Ps$.

$P\ddot{Y}P\mu C\grave{H}C\acute{t}P\mu PIP^{\circ}$ $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\grave{H}$

$P''PsC\acute{I}P\gg C-PrP\mu P\mu PSPSC\grave{I}$ $DAPA-HF$: $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIP^{\circ}$ $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,C\grave{H}$ $P\cdot C-$
 $P\cdot PSP\ddot{e}P\mu P\mu PSPsC\grave{H}$ $C,,C\grave{H}P^{\circ}PeC\acute{t}C-C''C\grave{H}$ $PIP\ddot{e}PeP\ddot{e}PrC\acute{z}$ ($P\alpha P'P\cdot P\ddot{E} \leq 40\%$)

$P''PsC\acute{I}P\gg C-PrP\mu P\mu PSPSC\grave{I}$ $P\cdot PrP^{\circ}C,PSPsC\acute{I}C,C-$ $PrP^{\circ}P\ddot{I}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PSC\acute{r}$
 $P\cdot P^{\circ}P\ddot{I}PsP\pm C-PiP^{\circ}C,P\ddot{e}$ $PSP\mu P\pm P^{\circ}P\mu P^{\circ}PSP\ddot{e}Pj$ $PSP^{\circ}C\acute{I}P\gg C-PrPeP^{\circ}Pj$ $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIPsC-$
 $PSP\mu PrPsC\acute{I}C,P^{\circ}C,PSPsC\acute{I}C,C-$ ($DAPA-HF$) $\text{в}\grave{H}$ $C\acute{t}P\mu$ $PjC-P\mu P\mu PSP^{\circ}C\grave{H}PsPrPSP\mu$,
 $P\pm P^{\circ}PiP^{\circ}C,PsC\acute{t}P\mu PSC,C\grave{H}PsPIP\mu$, $C\grave{H}P^{\circ}PSP\mu PrPsPjC-P\cdot PsPIP^{\circ}PSP\mu$, $P\ddot{I}PsPrPIC-PN\grave{e}PSPs$ $C\acute{I}P\gg C-PiP\mu$,
 $P\ddot{I}P\gg P^{\circ}C\acute{t}P\mu P\pm Ps-PePsPSC,C\grave{H}PsP\gg C\grave{H}PsPIP^{\circ}PSP\mu$ $PrPsC\acute{I}P\gg C-PrP\mu P\mu PSPSC\grave{I}$,
 $P\ddot{I}C\grave{H}PsPIP\mu PrP\mu PSP\mu$ $P\cdot P^{\circ}$ $C\acute{r}C\ddot{t}P^{\circ}C\acute{I}C,C\grave{H}$ $P\ddot{I}P^{\circ}C\acute{t}C-C''PSC,C-PI$ $C-P\cdot$ $C\acute{I}P\mu C\grave{H}C\acute{t}P\mu PIPsC\grave{H}$

PŸPµCĤĴ†PµPIPš-CĴC¿PrPëPSPSP° CĴ†PµCĤĴ,CĤ C,P° PİPsPiC-CĤC€PµPSPSCŬ

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

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

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

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

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

PJCΓC- C,CHPë PePsPjPiPsPSPμPSC,Pë PiPμCHjPIPëPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC—
PeC-PSC†PμPIPsC— C,PsC‡PePë PsPeCHjPμPjPs CΓPiCHjPëCΠP»Pë PμC,,PμPeC,Cr
P»C-PeCΓPIP°PSPSCΠ (CHjPëCΓCrPSPsPe 2). P—P°CHjPμC”CΓC,CHjPsPIP°PSPs PjP°P»Cr
PeC-P»CHPeC-CΓC,CH PIC-PrPIC-PrCΓPIP°PSCH PIC-PrPrC-P»PμPSPSCΠ
PSPμPIC-PrPeP»P°PrPSPsC— PrPsPiPsPjPsPiPë C‡PμCHjPμP· CΓPμCHjC†PμPICr
PSPμPrPsCΓC,P°C,PSC-CΓC,CH.

*P PëCΓCzPSPsPe 2. P•C,,PμPeC,Pë P»C-PeCΓPIP°PSPSCΠ PrP»CΠ PiPμCHjPIPëPSPSPsC—
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PμPIPsC— C,PsC‡PePë, C—C— CΓPeP»P°PrPsPIPëC... C-
CΓPjPμCHjC,PSPsCΓC,C- P· CrCΓC-C... PiCHjPëC‡PëPS*

P'C-PrPIC-PrCΓPIP°PSPSCΠ PIC-PrPrC-P»PμPSPSCΠ PSPμPIC-PrPeP»P°PrPSPsC—
PrPsPiPsPjPsPiPë C‡PμCHjPμP· CΓPμCHjC†PμPICr PSPμPrPsCΓC,P°C,PSC-CΓC,CH P±CrP»Ps
PIPëP·PSP°C‡PμPSPs CΠPe C,PμCHjPjC-PSPsPIPμ, PSPμP·P°PiP»P°PSPsPIP°PSPμ
PsP±CΓC,PμP¶PμPSPSCΠ P»C-PeP°CHjPμPj, PSP°PiCHjPëPeP»P°Pr, Cr PIC-PrPrC-P»PμPSPSC-
PSPμPIC-PrPeP»P°PrPSPsC— PrPsPiPsPjPsPiPë, C,P° PiPsC,CHjPμP±P° PI P»C-PeCΓPIP°PSPSC-
PiCHjPë PiPsPiC-CHjC€PμPSPSC- CΓPμCHjC†PμPIPsC— PSPμPrPsCΓC,P°C,PSPsCΓC,C- (PeCHjC-Pj
PiCHjPsCΓC,PsPiPs P·P±C-P»CHC€PμPSPSCΠ PiCHjPëPμPsPjCr PiPμCHjPsCHjP°P»CHPSPëC...
PrC-CrCHjPμC,PëPeC-PI).

PμC-P»CHPeC-CΓC,CH PiPμCHjC€PëC... PiPsPrC-PNë PrP»CΠ PsPeCHjPμPjPëC...
PePsPjPiPsPSPμPSC,C-PI C” C,,P°PeC,PëC‡PSPsCH PeC-P»CHPeC-CΓC,CH PiPμCHjC€PëC...
PiPsPrC-PNë PrP»CΠ PePsP¶PSPsPiPs PePsPjPiPsPSPμPSC,P° C- PSPμ PrPsPrP°C”C,CHCΓCΠ PrPs
C‡PëCΓP»P° PiPsPrC-PNë Cr PePsPjP±C-PSPsPIP°PSC-PNë PeC-PSC†PμPIC-PNë C,PsC‡C†C-.

PSP°CΓC,PsC,P° PiPsPrC-PNë PiCHjPμPrCΓC,P°PIP»PμPSP° CΠPe PIC-PrPSPsC€PμPSPSCΠ
PeC-P»CHPePsCΓC,C- CrC‡P°CΓPSPëPeC-PI P· PiPsPrC-CΠPjPë PrPs 100 PiP°C†C-C”PSC,Ps-
CHjPsPeC-PI CΓPiPsCΓC,PμCHjPμP¶PμPSPSCΠ.

CHj-P·PSP°C‡PμPSPSCΠ PrP»CΠ PsPeCHjPμPjPëC... CΓPeP»P°PrPsPIPëC... C-
CΓPjPμCHjC,PSPsCΓC,C- P· CrCΓC-C... PiCHjPëC‡PëPS C” PSPsPjC-PSP°P»CHPSPëPjPë.

P—P°CΓC,PsCΓCΓPIP°PSPSCΠ PrP°PiP°PiP»C-C,,P»PsP·PëPSCr C,P°PePsP¶ P·PjPμPSC€PëP»Ps
P·P°PiP°P»CHPSCr PeC-P»CHPeC-CΓC,CH PIPëPiP°PrPeC-PI PiPsCΓPiC-C,P°P»C-P·P°C†C-C— P·
PiCHjPëPiPsPrCr CΓPμCHjC†PμPIPsC— PSPμPrPsCΓC,P°C,PSPsCΓC,C- (PiPμCHjPIPëPSPSPsC— C,P°
PiPsPIC,PsCHjPSPsC—) C,P° CΓPμCHjC†PμPIPs-CΓCrPrPëPSPSPsC— CΓPjPμCHjC,C-;
P·P°CHjPμC”CΓC,CHjPsPIP°PSPs 567 PIPëPiP°PrPeC-PI Cr PiCHjCrPiC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSCr PI PiPsCHjC-PIPSCΠPSPSC- P· 742 PIPëPiP°PrPeP°PjPë PI
PiCHjCrPiC- PiP»P°C†PμP±Ps (PIC-PrPSPsC€PμPSPSCΠ CHjPëP·PëPeC-PI 0,75 [95 % P”P† 0,65;
0,88]; p = 0,0002).

PμPsCHjPëCΓC,CH PIC-Pr P»C-PeCΓPIP°PSPSCΠ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj
CΓPiPsCΓC,PμCHjC-PiP°P»P°CΓCH Cr PiP°C†C-C”PSC,C-PI C-P· CΓPμCHjC†PμPIPsCH
PSPμPrPsCΓC,P°C,PSC-CΓC,CH CΠPe C-P· C†CrPeCHjPsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPiCr,

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"Pt 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"Pt 0,60; 0,88) Cf PiP°C†C-C"PSC,C-PI P±PμP· C†CfPeCfPsPIPsPiPs PrC-P°P±PμC,Cf.

PлPsCfPëCfC,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 (CfPëPлPα), 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, e¶" 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 PлP°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·PrPsCfPsPiB¶™ 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"Pt 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°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps 10 PjPi n^a = 2086	P°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2062	P°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2062	P°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2062
PµPsPeC¶P°C%PµPSPSC¼n (%)	PµPsPeC¶P°C%PµPSPSC¼^b	PµPsPeC¶P°C%PµPSPSC¼^b	PµPsPeC¶P°C%PµPSPSC¼^b	PµPsPeC¶P°C%PµPSPSC¼^b
≥ 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 (%)	n (%)	P°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2086	P°P°PïP°PiP»C-C,,P»PsP·PëPSPµP»P°C†PµP±Ps n^a = 2062
≥ 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† C¼PεPëC... C†PïPsC†C,PµC¶C-PiP°P»PsC†C¼
 PïPsPeC¶P°C%PµPSPSC¼ PiC¶PëPSP°PµPjPSC- 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, C¼PεC-
 B PïPsPjPµC¶P»Pë PrPs PIPëP·PSP°C†PµPSPsPiPs C†P°C†C† PIPIP°P¶P°C¶C,CHC†C¼
 C,P°PePëPjPë, PI C¼PεPëC... 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 %) PīP°C†C-C"PSC,Pē PjP°P»Pē PīC-PrPiPsCfC,CfCf
CfPµCfC†PµPICr PSPµPrPsCfC,P°C,PSC-CfC,CH (PIPsPSPē PIPēP·PSP°C†P°CfC,CHCfC¶ C¶Pe
CfP°PSPrPsPjC-P·PsPIP°PSC- PīC-Pr C†P°Cf PīPsCfPīC-C,P°P»C-P·P°C†C-C— P· PīCfPēPIPsPrCf
CfPµCfC†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps PīCfPsC,C¶PIPsPj 30 PrPSC-PI
PīC-CfP»C¶ PIPēPīPēCfPePē). PŸPµCfPµPrPSC-PNē PIC-Pe PīPsPīCfP»C¶C†C-C—
PrPsCfP»C-PrP¶PµPSPSC¶ CfC,P°PSPsPIPēPI 72 CfPsPePē, 56 % PīP°C†C-C"PSC,C-PI P±CfP»Pē
C†PsP»PsPIC-C†PsC— CfC,P°C,C-.

PkP° PīPsC†P°C,PeCf PrPsCfP»C-PrP¶PµPSPSC¶ 75 % PīP°C†C-C"PSC,C-PI P±CfP»Pē
PIC-PrPSPµCfPµPSC- PrPs II PeP»P°CfCf P·P° PeP»P°CfPēC,,C-PeP°C†C-C"Cf NYHA, 24 % Bfj"
PrPs III PeP»P°CfCf C- 0,3 % Bfj" PrPs IV PeP»P°CfCf. PµPµPrC-P°PSP° PαP'P>Pē
CfC,P°PSPsPIPēP»P° 54 %. Pj 34 % PīP°C†C-C"PSC,C-PI PαP'P>Pē CfC,P°PSPsPIPēP»P° ≤ 49 %,
Cf 36 % Bfj" 50Bfj"59 %, P° Cf 30 % Bfj" ≥ 60 %. Pj PePsP¶PSC-PNē PīCfCfPīC-
PrPsCfP»C-PrP¶PµPSPSC¶ Cf 45 % PīP°C†C-C"PSC,C-PI Pī P°PSP°PjPSPµP·C- P±CfPI
C†CfPeCfPsPIPēPNē PrC-P°P±PµC, 2-PiPs C,PēPīCf. P'P°P·PsPIP° C,PµCfP°PīC-C¶
PIPeP»CfC†P°P»P° C-PSPiC-P±C-C,PsCfPē
P°PSPiC-PsC,PµPSP·PēPSPiPµCfPµC,PIPsCfCfCfC†PsPiPs C,,PµCfPjPµPSC,Cf
(C-PµPµPα)/P±P»PsPeP°C,PsCfPē CfPµC†PµPīC,PsCfC-PI P°PSPiC-PsC,PµPSP·PēPSCf II (P'P Pµj)/
C-PSPiC-P±C-C,PsCfPē CfPµC†PµPīC,PsCfP°
P°PSPiC-PsC,PµPSP·PēPSCf/PSPµPīCfPēP»C-P·PēPSCf (P†P PµPk) (77 %), P±PµC,P°-
P±P»PsPeP°C,PsCfPē (83 %), PrC-CfCfPµC,PēPePē (98 %) C,P° P°PSC,P°PiPsPSC-CfC,Pē
PjC-PSPµCfP°P»PsPePsCfC,PēPePsC—PrPSPēC... CfPµC†PµPīC,PsCfC-PI (PµPµPµP) (43 %).

PŸPµCfPµPrPSC" P·PSP°C†PµPSPSC¶ CfPēPµPα CfC,P°PSPsPIPēP»Ps 61 PjP»/C...PI/1,73 Pj². Pj
49 % PīP°C†C-C"PSC,C-PI PīPsPeP°P·PSPēPe CfPēPµPα CfC,P°PSPsPIPēPI <
60 PjP»/C...PI/1,73 Pj², Cf 23 % Bfj" < 45 PjP»/C...PI/1,73 Pj², P° Cf 3 % Bfj"
< 30 PjP»/C...PI/1,73 Pj².

P"P°PīP°PiP»C-C,,P»PsP·PēPS PīPµCfPµPIP°P¶P°PI PīP»P°C†PµP±Ps Cf P·PSPēP¶PµPSPSC-
C†P°CfC,PsC,Pē PīPµCfPIPēPSPSPsC— PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC—
C,PsC†PePē CfPµCfC†PµPIPs-CfCfPrPēPSPSPsC— CfPjPµCfC,C-,
PīPsCfPīC-C,P°P»C-P·P°C†C-C— P· PīCfPēPIPsPrCf CfPµCfC†PµPIPsC—
PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps C,PµCfPjC-PSPsPIPsPiPs P·PIPµCfPSPµPSPSC¶ P·P°
PjPµPrPēC†PSPsCf PrPsPīPsPjPsPiPsCf C†PµCfPµP· CfPµCfC†PµPICr
PSPµPrPsCfC,P°C,PSC-CfC,CH (P'P 0,82 [95 % P"P† 0,73, 0,92]; p = 0,0008)
(CfPēCfCfPSPsPe 3).

P PēCfCzPSPsPe 3. PŞP°Cf PrPs PīPµCfCfPsPiPs PIPēPSPēPePSPµPSPSC¶ PīPµCfPIPēPSPSPsC—
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†PµPIPsC— C,PsC†PePē CfPµCfC†PµPIPs-
CfCfPrPēPSPSPsC— CfPjPµCfC,C-, PīPsCfPīC-C,P°P»C-P·P°C†C-C— P· PīCfPēPIPsPrCf
CfPµCfC†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- P°P±Ps C,PµCfPjC-PSPsPIPsPiPs
P·PIPµCfPSPµPSPSC¶ P·P° PjPµPrPēC†PSPsCf PrPsPīPsPjPsPiPsCf C†PµCfPµP·
CfPµCfC†PµPICr PSPµPrPsCfC,P°C,PSC-CfC,CH

PŷPµCĤPjC-PSPsPIPµ P·PIPµCĤPSPµPSPSCĬ P·P° PjPµPrPëC‡PSPsCĤ PrPsPïPsPjPsPiPsCĤ
 C‡PµCĤPµP· CĬPµCĤC†PµPICr 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, CĬ PIC-PrPrC-P»PµPSPSC- PSPµPIC-PrPeP»P°PrPSPsC— PrPsPïPsPjPsPiPë,
 C,P° PïPsC,CĤPµP±CĬ PI P»C-PeCĬPIP°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-CĬCĤPµC,PëPeC-PI).

PµP°C†C-C"PSC,Pë PiCĤCĬPïPë CĤPëP·PëPeCĬ bĤ" C†Pµ PeC-P»CHPeC-CĬC,CH
 PïP°C†C-C"PSC,C-PI, CĬPeC- PïPµCĤPµP±CĬPIP°CĤC,CH CĬ PiCĤCĬPïC- CĤPëP·PëPeCĬ PSP°
 PïPsC‡P°C,PeCĬ PïPµCĤC-PsPrCĬ.

PĶP° CĤPëCĬCĬPSPeCĬ 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-PeCĬPIP°PSPSCĬ.

P PëCĬCžPSPsPe 4. P·C,,PµPeC,PëPIPSC-CĬC,CH P»C-PeCĬPIP°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†PµPICr 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, CĬ PIC-PrPrC-P»PµPSPSC- PSPµPIC-PrPeP»P°PrPSPsC— PrPsPïPsPjPsPiPë,
 C,P° PïPsC,CĤPµP±CĬ PI P»C-PeCĬPIP°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 PePsP₇PSPsPīPs 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-.

P₈P°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, PëPīCr C_μPe
PIC, PsC₇PëPSPSC₇ PeC-PSC†P_μPIC₇ C, PsC±PeC₇.

P''P°PīP°PīP»C-C,, P»PsP·PëPS PīP_μC₇P_μPIP°P₇PI PīP»P°C†P_μP±Ps Cr P·PjP_μPSC€P_μPSPSC-
P·P°PīP°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 PrPsPīPsPjPsPīPsC₇ 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°PīP»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°PīP»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, C₇PsPīPs CfC, P°PSC₇, P° C, P°PePsP₇
PSP°C_μPIPSC-CfC, C₇ C±Pë PIC-PrCfC₇C, PSC-CfC, C₇ C†CrPeC₇PsPīPsPīPs PrC-P°P±P_μC, Cr 2-
PīPs C, PëPīCr, C, P°PePsP₇ P±C₇P»Pë PīPsCfP»C-PrPsPISPëPjPë.

*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''
CfPëPjPīC, 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°PīP»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 CfPëPjPīC, 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-PIPSC_μIPSPSC- P· PIPëC...C-PrPSPëPj C_μC-PIPSP_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,PsC,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-PIPSC_μIPSPSC-
P· PIPëC...C-PrPSPëPj C_μC-PIPSP_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_μP°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_μP°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_μIP»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_μTM 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,PsCfCfPIP°PSPSC_μ
PrP°PiP°PiP»C-C,,P»PsP·PëPSCf Cf PiPsC_μC-PIPSC_μIPSPSC- P· PiP»P°C†P_μP±Ps P'P
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSC†P_μPIPsC— C,PsC±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_μIPSPs 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_μTM 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-PIPSC_μIPSPSC- 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

$$\text{PIP}\ddot{\text{e}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}_{\mu}\text{PSPSC}\ddot{\text{U}}\text{P}_{\mu}\text{C},,\text{P}_{\mu}\text{PeC},\text{P}\ddot{\text{e}}\text{PIPSPsC}\acute{\text{I}}\text{C},\text{C}-.$$

PICT_hPsPSC-C_hPSP^o C...PIPsCT_hPsP_hP^o PSP_eCT_hPsPe

P°P°SCTP»C-PrP¶PµPSPSC¶ PIPiP»PëPICr PrP·PiP°PiP»C-C,,P»PsP·PëPSCr PSP° PSPëCHPePë C,P°
PSP° CTpJpµCTHC,PSC-CTC,CH C‡PµCTHPµP· CTpµCTHC†PµPIPs-CTCrPrPëPSPSC-
P·P°C...PIPsCTHCHPIP°PSPSC¶ PI PiP°C†C-C”PSC,C-PI C-P· C...CTHPsPSC-C‡PSPsCH
C...PIPsCTHPsP±PsCH PSPëCHPsPe (DAPA-CKD) P±CrP»Ps PjC-P¶PSP°CTHPsPrPSPëPj,
P±P°PiP°C,PsC†PµPSC,CTHPsPIPëPj, CTHP°PSPrPsPjC-P·PsPIP°PSPëPj, PïPsPrPIC-PNëPSPs
CTP»C-PiPëPj, PiP»P°C†PµP±PsPePsPSC,CTHPsP»CHPsPIP°PSPëPj PrPsCTP»C-PrP¶PµPSPSC¶Pj
P·P° CrC‡P°CTC,CH PiP°C†C-C”PSC,C-PI P· C...CTHPsPSC-C‡PSPsCH C...PIPsCTHPsP±PsCH
PSPëCHPsPe (PTΓΓK) P· CTHPËP¬Pα PIC-Pr ≥ 25 PrPs ≤ 75 PjP»/C...PI/1,73 Pj² C,P°
P°P»CHP±C†PjC-PSCrCTHC-C”CH (UACR PIC-Pr ≥ 200 PrPs ≤ 5000 PjPi/Pi), PjPµC,PsCH
C¶PePsPiPs P±CrP»Ps PIPëP·PSP°C‡PµPSPSC¶ PIPiP»PëPICr PrP°PiP°PiP»C-C,,P»PsP·PëPSCr Cr
PiPsCTHC-PIPSC¶PSPSC- P· PiP»P°C†PµP±Ps PiCTHPë PrPsPrP°PIP°PSPSC- PNëPsPiPs PrPs
CTC,P°PSPrP°CTHC,PSPsPiPs P»C-PeCrPIP°PSPSC¶ PSP° C‡P°CTC,PsC,Cr
PePsPjP±C-PPSPsPIP°PSPSc— PeC-PSC†PµPIPsC— C,PsC‡PePë бґ” CTC,C-PNëPePsPiPs
P·PSPëP¶PµPSPSC¶ CTHPËP¬Pα PSP° ≥ 50 %, C,PµCTHPjC-PSP°P»CHPSPsC— CTC,P°PrC-C—
PSPëCHPePsPIPsC— PSPµPrPsCTC,P°C,PSPsCTC,C- (PyPŸKPK) (PIPëP·PSP°C‡P°C”C,CHCTC¶
C¶Pe CTC,C-PNëPeP° CTHPËP¬Pα < 15 PjP»/C...PI/1,73 Pj², P»C-PeCrPIP°PSPSC¶
C...CTHPsPSC-C‡PSPëPj PrC-P°P»C-P·PsPj P°P±Ps C,CTHP°PSCrPiP»P°PSC,P°C†C-C¶
PSPëCHPePë), CTpJpµCTHC,C- C‡PµCTHPµP· CTpµCTHC†PµPIPs-CTCrPrPëPSPSC- P°P±Ps
PSPëCHPePsPIC- P·P°C...PIPsCTHCHPIP°PSPSC¶.

P†P· 4304 C†C†P°C†PSPëPeC-PI PrPsC†P»C-PrP¶PµPSPSC¶ 2 152 P†P°C†C-C”PSC,Pë P±C†P»Pë
 C¶P°PSPPrPsPjC-P·PsPIP°PSC- PrPs PiC¶C†P†Pë P·P°C†C,PSC†C†PIP°PSPSC¶ 10 PjPi
 PrP°P†P°PiP»C-C,,P»PsP·PëPSC† C- 2 152 б¶ PrPs PiC¶C†P†Pë P†P»P°C†PµP±Ps, PjPµPrC-P°PSP°
 C†P†PsC†C,PµC¶PµP¶PµPSPSC¶ C†C,P°PSPsPIPëP»P° 28,5 PjC-C†C¶C†C¶.
 P>C-PeC†PIP°PSPSC¶ C,C¶PëPIP°P»Ps, C¶PeC%Ps C¶C-PIPµPSC¶ C¶PëP¶P¶
 P·PSPëP¶C†PIP°PIC†C¶ PSPëP¶C†Pµ 25 PjP»/C...PI/1,73 Pj² P†C¶PsC,C¶PiPsPj
 PrPsC†P»C-PrP¶PµPSPSC¶, C,P° PjPsPiP»Ps C,C¶PëPIP°C,Pë C† C¶P°P·C-
 PIPëPSPëPePSPµPSPSC¶ P†PsC,C¶PµP±Pë C† PrC-P°P»C-P·C-.

$P\ddot{Y}P_{\mu}C\overline{H}P_{\mu}PrPSC-PN_{\circ}$ $PIC-Pe$ $PrPsC\overline{I}P^{\circ}PSC-PrP\overline{I}C\overline{I}P^{\circ}PSPsC-$ $P\ddot{I}PsP\ddot{I}C\overline{r}P^{\circ}C\overline{I}C\overline{I}C\overline{I}C-C-$
 $C\overline{I}C,P^{\circ}PSPsPIP\ddot{e}PI$ 61,8 $C\overline{H}PsPeC\overline{r}$, 66,9 % $C\overline{r}C\ddagger P^{\circ}C\overline{I}PSP\ddot{e}PeC-PI$ $PrPsC\overline{I}P^{\circ}PSC-PrP\overline{I}P_{\mu}PSPSC\overline{I}$
 $P\pm C\overline{r}P^{\circ}P\ddot{e} C\ddagger PsP^{\circ}PsPIC-PeP^{\circ}PjP\ddot{e}$. $P\acute{K}P^{\circ} PIP\ddot{e}C...C-PrPSPsPjC\overline{r} C\overline{H}C-PIPSC-$ $C\overline{I}P_{\mu}C\overline{H}P_{\mu}PrPSC^{\circ}$
 $P\cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\overline{I} C\overline{H}P\ddot{E}P_{\mu}P\alpha$ $C\overline{I}C,P^{\circ}PSPsPIP\ddot{e}P^{\circ}Ps$ 43,1 $PjP^{\circ}/C...PI/1,73 Pj^2$, $P^{\circ} PjP_{\mu}PrC-P^{\circ}PSP^{\circ}$
 $UACR C\overline{I}C,P^{\circ}PSPsPIP\ddot{e}P^{\circ}P^{\circ}$ 949,3 $PjPi/Pi$, $C\overline{r}$ 44,1% $P\ddot{I}P^{\circ}C\overline{I}C-C^{\circ}PSC,C-PI$
 $PIC-PrP\cdot PSP^{\circ}C\ddagger P^{\circ}P^{\circ}P^{\circ}C\overline{I}C\overline{I} C\overline{H}P\ddot{E}P_{\mu}P\alpha$ $PIC-Pr$ 30 $PrPs < 45 PjP^{\circ}/C...PI/1,73 Pj^2$, $P^{\circ} C\overline{r}$ 14,5 %
 $C\overline{H}P\ddot{E}P_{\mu}P\alpha$ $C\overline{I}C,P^{\circ}PSPsPIP\ddot{e}P^{\circ}P^{\circ} < 30 PjP^{\circ}/C...PI/1,73 Pj^2$. Pj 67,5 % $P\ddot{I}P^{\circ}C\overline{I}C-C^{\circ}PSC,C-PI$ $P\pm C\overline{r}PI$
 $C\ddagger C\overline{r}PeC\overline{H}PsPIP\ddot{e}PN_{\circ}$ $PrC-P^{\circ}P\pm P_{\mu}C$, 2 $C,P\ddot{e}P\ddot{I}C\overline{r}$. $P_{\mu}P^{\circ}C\overline{I}C-C^{\circ}PSC,P\ddot{e} PsC,C\overline{H}P\ddot{e}PjC\overline{r}PIP^{\circ}P^{\circ}P\ddot{e}$
 $C\overline{I}C,P^{\circ}PSPPrP^{\circ}C\overline{H}C,PS P_{\mu} P^{\circ}C-PeC\overline{r}PIP^{\circ}PSPSC\overline{I}$; 97,0 % $P\ddot{I}P^{\circ}C\overline{I}C-C^{\circ}PSC,C-PI$
 $PsC,C\overline{H}P\ddot{e}PjC\overline{r}PIP^{\circ}P^{\circ}P\ddot{e} P^{\circ}C-PeC\overline{r}PIP^{\circ}PSPSC\overline{I} C-PS PiC-P\pm C-C,PsC\overline{H}PsPj$
 $P^{\circ}PSPiC-PsC,P_{\mu}PSP\cdot P\ddot{e}PS PiP_{\mu}C\overline{H}P_{\mu}C,PIP sC\overline{H}C\overline{H}C\ddagger PsPiPs C_{,,}P_{\mu}C\overline{H}PjP_{\mu}PSC,C\overline{r} (C-P\overline{h}P_{\mu}P\alpha)$
 $P^{\circ}P\pm Ps P\pm P^{\circ}PsPeP^{\circ}C,PsC\overline{H}PsPj C\overline{H}P_{\mu}C\ddagger PuPiC,PsC\overline{H}C-PI P^{\circ}PSPiC-PsC,P_{\mu}PSP\cdot P\ddot{e}PSC\overline{r} (P^{\circ}P P\overline{h})$.

$P''PsC\dot{I}P \gg C-PrP\|P\mu PSPSC\dot{I} P \pm CrP \gg Ps$ $PiC\dot{H}P\ddot{e}PiP\ddot{e}PSP\mu PSPs$ $PrPsC\dot{I}C, C\dot{H}PsPePsPiPs$ $PrP \gg C\dot{I}$
 $PsC\dot{I}C-PSPeP\ddot{e} P\mu C,, P\mu PeC, P\ddot{e}PiPSPsC\dot{I}C, C-$ $PrPs P \cdot P^{\circ}PiP \gg P^{\circ}PSPsPiP^{\circ}PSPsPiPs$ $P^{\circ}PSP^{\circ}P \gg C-P \cdot C\dot{I}$
 $PSP^{\circ} PiC-PrC\dot{I}C, P^{\circ}PIC-$ $C\dot{H}P\mu PePsPjP\mu PSPPrP^{\circ}C\dot{I}C-C-$ $PSP\mu P \cdot P^{\circ}P \gg P\mu P\|PSPsPiPs$
 $PePsPjC-C, P\mu C, C\dot{I} P \cdot PjPsPSC-C, PsC\dot{H}P\ddot{e}PSPiC\dot{I} PrP^{\circ}PSP\ddot{e}C....$ $P''P^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PS$
 $PiP\mu C\dot{H}P\mu PiP\mu C\dot{H}C\epsilon C\dot{I}PiP^{\circ}PI PiP \gg P^{\circ}C\dot{I}P\mu P \pm Ps$ $C\%PsPrPs$ $PiPsPiP\mu C\dot{H}P\mu PrP\|P\mu PSPSC\dot{I}$
 $PiP\mu C\dot{H}PiP\ddot{e}PSPSPsC-$ $PePsPjP \pm C-PSPsPiP^{\circ}PSPsC-$ $PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} B\dot{H}''$
 $C\dot{I}C, C-PN\ddot{e}PePsPiPs P \cdot PSP\ddot{e}P\|P\mu PSPSC\dot{I} C\dot{H}P\ddot{e}P\mu P\alpha$ $PSP^{\circ} \geq 50 \%$, $PrPsC\dot{I}C\dot{I}PiPSP\mu PSPSC\dot{I}$
 $C, P\mu C\dot{H}PjC-PSP^{\circ}P \gg CH\dot{H}PSPsC-$ $C\dot{I}C, P^{\circ}PrC-C-$ $PSP\ddot{e}C\dot{H}PePsPiPsC-$
 $PSP\mu PrPsC\dot{I}C, P^{\circ}C, PSPsC\dot{I}C, C-, C\dot{I}PjP\mu C\dot{H}C, C-$ $C\dot{I}P\mu C\dot{H}P\mu P \cdot PSP\ddot{e}C\dot{H}PePsPIC-$ $P^{\circ}P \pm Ps$
 $C\dot{I}P\mu C\dot{H}C\dot{I}P\mu PiPs-C\dot{I}C\dot{I}PrP\ddot{e}PSPSC-$ $P \cdot P^{\circ}C...PiPsC\dot{H}C\dot{H}PiP^{\circ}PSPSC\dot{I}$. $P-PiC-PrPSPs P \cdot$
 $PiC\dot{H}P^{\circ}C,, C-PePsPj P\mu P^{\circ}PiP \gg P^{\circ}PSP^{\circ} B\dot{H}''$ $P\mu P\mu PN\ddot{e}C''C\dot{H}P^{\circ} C\dot{I}P^{\circ}C\dot{I}C\dot{I} PrPs$ $PiP\mu C\dot{H}C\epsilon PsPiPs$
 $PiP\ddot{e}PSP\ddot{e}PePSP\mu PSPSC\dot{I} PiP\mu C\dot{H}PiP\ddot{e}PSPSPsC-$ $PePsPjP \pm C-PSPsPiP^{\circ}PSPsC-$
 $PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} P\mu C,, P\mu PeC, P \gg C-PeC\dot{I}PiP^{\circ}PSPSC\dot{I} PsC\dot{I}P\mu PiP\ddot{e}PrPSP\ddot{e}PN\ddot{e} P \cdot 4$
 $PjC-C\dot{I}C\dot{I}C\dot{I}C\dot{I}C-Pi C, P^{\circ} P \cdot P \pm P\mu C\dot{H}C-PiP^{\circ}PIC\dot{I}C\dot{I} PrPs$ $PeC-PSC\dot{I}C\dot{I} PrPsC\dot{I}P \gg C-PrP\|P\mu PSPSC\dot{I}$
 $(C\dot{H}P\ddot{e}C\dot{I}C\dot{I}PSPsPe 5).$

P P\ddot{e}C\dot{I}C\dot{I}PSPsPe 5. $P\dot{S}P^{\circ}C\dot{I} PrPs$ $PiP\mu C\dot{H}C\epsilon PsPiPs$ $PiP\ddot{e}PSP\ddot{e}PePSP\mu PSPSC\dot{I} PiP\mu C\dot{H}PiP\ddot{e}PSPSPsC-$
 $PePsPjP \pm C-PSPsPiP^{\circ}PSPsC-$ $PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} B\dot{H}''$ $C\dot{I}C, C-PN\ddot{e}PePsPiPs$
 $P \cdot PSP\ddot{e}P\|P\mu PSPSC\dot{I} C\dot{H}P\ddot{e}P\mu P\alpha$ $PSP^{\circ} \geq 50 \%$, $C\dot{H}PsP \cdot PiP\ddot{e}C, PeC\dot{I} C, P\mu C\dot{H}PjC-PSP^{\circ}P \gg CH\dot{H}PSPsC-$
 $C\dot{I}C, P^{\circ}PrC-C-$ $PSP\ddot{e}C\dot{H}PePsPiPsC-$ $PSP\mu PrPsC\dot{I}C, P^{\circ}C, PSPsC\dot{I}C, C-, C\dot{I}PjP\mu C\dot{H}C, C-$ $C\dot{I}P\mu C\dot{H}P\mu P \cdot$
 $PSP\ddot{e}C\dot{H}PePsPIC-$ $P^{\circ}P \pm Ps$ $C\dot{I}P\mu C\dot{H}C\dot{I}P\mu PiPs-C\dot{I}C\dot{I}PrP\ddot{e}PSPSC-$ $P \cdot P^{\circ}C...PiPsC\dot{H}C\dot{H}PiP^{\circ}PSPSC\dot{I}$

$P\mu P^{\circ}C\dot{I}C-C''PSC, P\ddot{e} PiC\dot{H}C\dot{I}PiP\ddot{e} C\dot{H}P\ddot{e}P \cdot P\ddot{e}PeC\dot{I} B\dot{H}''$ $C\dot{I}P\mu PeC-P \gg CH\dot{H}PeC-C\dot{I}C, CH$
 $PiP^{\circ}C\dot{I}C-C''PSC, C-Pi, C\dot{I}PeC-$ $PiP\mu C\dot{H}P\mu P \pm C\dot{I}PiP^{\circ}C\dot{H}C, CH$ $C\dot{I} PiC\dot{H}C\dot{I}PiC-$ $C\dot{H}P\ddot{e}P \cdot P\ddot{e}PeC\dot{I} PSP^{\circ}$
 $PiPsC\dot{I}P^{\circ}C, PeC\dot{I} PiP\mu C\dot{H}C-PsPrC\dot{I} PrPsC\dot{I}P \gg C-PrP\|P\mu PSPSC\dot{I}.$

$PjC\dot{I}C-$ $C\dot{I}PsC, P\ddot{e}C\dot{H}P\ddot{e} PePsPjPiPsPSP\mu PSC, P\ddot{e} PiP\mu C\dot{H}PiP\ddot{e}PSPSPsC-$
 $PePsPjP \pm C-PSPsPiP^{\circ}PSPsC-$ $PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} PsPeC\dot{H}P\mu PjPs$ $C\dot{I}PiC\dot{H}P\ddot{e}C\dot{I}P \gg P\ddot{e}$
 $P\mu C,, P\mu PeC, C\dot{I} P \gg C-PeC\dot{I}PiP^{\circ}PSPSC\dot{I}.$ $P''P^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PS$ $C, P^{\circ}PePsP\|$
 $P \cdot PSP\ddot{e}P\|C\dot{I}PiP^{\circ}PI C\dot{H}P\ddot{e}P \cdot P\ddot{e}Pe PiPsPrC-PN\ddot{e} PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} B\dot{H}''$
 $C\dot{I}C, C-PN\ddot{e}PePsPiPs P \cdot PSP\ddot{e}P\|P\mu PSPSC\dot{I} C\dot{H}P\ddot{e}P\mu P\alpha$ $PSP^{\circ} \geq 50 \%$, $C, P\mu C\dot{H}PjC-PSP^{\circ}P \gg CH\dot{H}PSPsC-$
 $C\dot{I}C, P^{\circ}PrC-C-$ $PSP\ddot{e}C\dot{H}PePsPiPsC-$ $PSP\mu PrPsC\dot{I}C, P^{\circ}C, PSPsC\dot{I}C, C-$ $P^{\circ}P \pm Ps$ $C\dot{I}PjP\mu C\dot{H}C, C-$
 $C\dot{I}P\mu C\dot{H}P\mu P \cdot PSP\ddot{e}C\dot{H}PePsPIC-$ $P \cdot P^{\circ}C...PiPsC\dot{H}C\dot{H}PiP^{\circ}PSPSC\dot{I}$ $C, P^{\circ} PePsPjP \pm C-PSPsPiP^{\circ}PSPsC-$
 $PeC-PSC\dot{I}P\mu PiPsC-$ $C, PsC\dot{I}PeP\ddot{e} B\dot{H}''$ $C\dot{I}PjP\mu C\dot{H}C, C-$ $C\dot{I}P\mu C\dot{H}P\mu P \cdot C\dot{I}P\mu C\dot{H}C\dot{I}P\mu PiPs-$
 $C\dot{I}C\dot{I}PrP\ddot{e}PSPSC-$ $P \cdot P^{\circ}C...PiPsC\dot{H}C\dot{H}PiP^{\circ}PSPSC\dot{I}$ $C, P^{\circ} PiPsC\dot{I}PiC-C, P^{\circ}P \gg C-P \cdot P^{\circ}C\dot{I}C-C-$ $P \cdot$
 $PiC\dot{H}P\ddot{e}PiPsPrC\dot{I} C\dot{I}P\mu C\dot{H}C\dot{I}P\mu PiPsC-$ $PSP\mu PrPsC\dot{I}C, P^{\circ}C, PSPsC\dot{I}C, C-.$ $P \gg C-PeC\dot{I}PiP^{\circ}PSPSC\dot{I}$
 $PrP^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PSPsPj$ $PiPsPeC\dot{H}P^{\circ}C\%P\ddot{e}P \gg Ps$ $P \cdot P^{\circ}PiP^{\circ}P \gg CH\dot{H}PSC\dot{I}$
 $PiP\ddot{e}P\|P\ddot{e}PiP^{\circ}PSC-C\dot{I}C, CH$ $C\dot{I} PiP^{\circ}C\dot{I}C-C''PSC, C-Pi C-P \cdot C...C\dot{H}PsPSC-C\dot{I}PSPsC\dot{H}$
 $C...PiPsC\dot{H}PsP \pm PsC\dot{H} PSP\ddot{e}C\dot{H}PsPe P \cdot PrPsC\dot{I}C, PsPIC-C\dot{H}PSP\ddot{e}Pj P \cdot PSP\ddot{e}P\|P\mu PSPSC\dot{I}Pj$
 $C\dot{I}P^{\circ}C\dot{I}C, PsC, P\ddot{e} C\dot{I}PjP\mu C\dot{H}C, C-$ $P \cdot P \pm C\dot{I}PrCH-C\dot{I}PePsC-$ $PiC\dot{H}P\ddot{e}C\dot{I}P\ddot{e}PSP\ddot{e} (C\dot{H}P\ddot{e}C\dot{I}C\dot{I}PSPsPe 6).$

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 CĤPëPĤPα PSP° ≥ 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° CĤPëPĤPα, PIC-PePsPj, CÍC,P°C,C,CĤ C,P° CĤPμPiC-PsPSPsPj.

P'CrPjPsPeC,CrPIP°PSPSCU

$P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$ $C\epsilon PIP\ddot{e}PrPePs$ $C-PrPsP \pm C\dot{H}P_{\mu}$ $PIC\dot{I}P_jPsPeC, C\dot{r}PIP^{\circ}PIC\dot{I}C\dot{I}$
 $P\ddot{I}C-C\dot{I}P \gg C\dot{I} P_iP_{\mu}C\dot{H}PsC\dot{H}P^{\circ}P \gg CH\dot{P}SPsPiPs$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$.
 $P_{\dot{H}}P^{\circ}PeC\dot{I}P\ddot{e}P_jP^{\circ}P \gg CH\dot{P}SC- PePsPSC\dot{I}P_{\mu}PSC, C\dot{H}P^{\circ}C\dot{I}C-C- PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r} PI$
 $P_iP^{\circ}P^{\circ}P \cdot P_jC- PeC\dot{H}PsPIC- (C_{max}) P \cdot PIP\ddot{e}C\dot{I}P^{\circ}PN\dot{e}PSPs$ $PrPsC\dot{I}C\dot{I}P_iP^{\circ}P \gg P\ddot{e}C\dot{I}C\dot{I} P\ddot{I}C\dot{H}PsC, C\dot{I}P_iPsP_j$ 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 $PSPi/P_jP \gg C- 628$ $PSPi$ $PiPsPr/P_jP \gg PIC-PrP\ddot{I}PsPIC-PrPSPs$.
 $P_{\dot{H}}P \pm C\dot{I}PsP \gg C\dot{H}C, PSP^{\circ}$ $P \pm C-PsPrPsC\dot{I}C, C\dot{r}PiPSC-C\dot{I}C, CH$ $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$
 $P\ddot{I}C-C\dot{I}P \gg C\dot{I} P_iP_{\mu}C\dot{H}PsC\dot{H}P^{\circ}P \gg CH\dot{P}SPsPiPs$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$
 $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$ $C\dot{r}$ $PrPsP \cdot C- 10$ 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% $C- PiPsPrPsPIP\dot{I}C\dot{r}PIP^{\circ}P \gg Ps$ $PiPsPeP^{\circ}P \cdot PSP\ddot{e}Pe$ 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} $P \cdot P_jC-PSC\dot{H}PIP^{\circ}P \gg Ps$ $PiPsPeP^{\circ}P \cdot PSP\ddot{e}Pe$
 AUC $PiPsC\dot{H}C-PIPSC\dot{I}PSPs$ $P \cdot P\ddot{I}C\dot{H}P\ddot{e}PN\dot{e}PsP_jPsP_j$ $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}ePsPiPs$ $P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$
 $PSP^{\circ}C, C\%_{\mu}P_{\mu}$. $P\dot{I}C- P \cdot P_jC-PSP\ddot{e}$ PSP_{μ} $PIP_iP^{\circ}P\dot{I}P^{\circ}C\dot{H}C, CHC\dot{I}C\dot{I}$ $PeP \gg C-PSC-C\dot{I}PSPs$
 $P \cdot PSP^{\circ}C\dot{I}C\dot{r}C\%_{\mu}P\ddot{e}P_jP\ddot{e}$. $P\ddot{Y}P^{\circ}PeP\ddot{e}P_j$ $C\dot{I}P\ddot{e}PSPsP_j$, $P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CH\dot{P}eP\ddot{e}PN\dot{e}$ $P \cdot P^{\circ}C\dot{I}C-P \pm$
 $P\alpha PsC\dot{H}PeC\dot{I}C-PiP^{\circ}$ $P_jPsP\dot{I}PSP^{\circ}$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC\dot{r}PIP^{\circ}C, P\ddot{e}$ $PSP_{\mu}P \cdot P^{\circ}P \gg P_{\mu}P\dot{I}PSPs$ $PIC-Pr$
 $P\ddot{I}C\dot{H}P\ddot{e}PN\dot{e}PsP_jC\dot{r}$ $C-P\dot{I}C-$.

P PsP · P̄PsPrC-P»

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

P'C-PsC, C̄H P°PSC I C, PsC̄H Pj P°C I C-C 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
 $P_iP_{\mu}C\dot{H}C\epsilon C\dot{r}$ $C\dot{I}P_{\mu}C\dot{H}PiC\dot{r}$ $P \cdot C\dot{r}C, PIPsC\dot{H}P_{\mu}PSPSC\dot{I}P_j$ $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ $3-O-$
 $PiP \gg CH\dot{P}eC\dot{r}C\dot{H}PsPSC-PrC\dot{r}$, $C\%_{\mu}Ps$ 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} $P \cdot P^{\circ}P \pm P_{\mu}P \cdot P_iP_{\mu}C\dot{I}C\dot{H}C, CH$
 $PiP \gg CH\dot{P}ePsP \cdot PsP \cdot PSP\ddot{e}P\dot{I}C\dot{r}PIP^{\circ}P \gg CH\dot{P}SC\dot{r}$ $PrC-CH$. $P_jC, PIPsC\dot{H}P_{\mu}PSPSC\dot{I}$
 $PrP^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\dot{r}$ $3-O-PiP \gg CH\dot{P}eC\dot{r}C\dot{H}PsPSC-PrC\dot{r}$ $PsPiPsC\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPePsPIP^{\circ}PSP_{\mu}$
 $UGT1A9$, $C, P_{\mu}C\dot{H}P_jP_{\mu}PSC, PsP_j$ $C\dot{r}$ $PiP_{\mu}C\dot{I}C-PSC\dot{I}C- C, P^{\circ}$ $PSP\ddot{e}C\dot{H}PeP^{\circ}C..., P^{\circ}$
 $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-P \cdot P_j$, $PsPiPsC\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPePsPIP^{\circ}PSP\ddot{e}PN\dot{e}$ 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°CīPSPëPeC-PI PrPsCīP»C-PrP¶PμPSPSCII CīC,P°PSPsPIPëPI 12,9 PiPsPrPëPSPë PīC-CīP»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 CīPëCīC,PμPjPSPëPNē PeP»C-CĤPμPSCī PrP°PīP°PiP»C-C,,P»PsP·PëPSCr, PIPμPrPμPSPsPiPs PIPSCrC,CĤC-CëPSCbPsPIPμPSPSPs, CīPeP»P°PrP°PI 207 PjP»/C...PI.

P°P°PīP°PiP»C-C,,P»PsP·PëPS C- PīPsPIbĤ™ CII P°PSC- P· PSPëPj PjPμC,P°P±PsP»C-C,Pë PI PsCīPSPsPIPSPsPjCŕ PIPëPIPsPrCII C,CHCīCII CëP»CII C...PsPj PμPeCīPeCĤPμC†C-C— C-P· CīPμC†PμCĤ, PīCĤPëC†PsPjCŕ PjPμPSCëPμ 2 % PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PIPëPIPsPrPëC,CHCīCII PI PSPμP·PjC-PSPμPSPsPjCŕ PIPëPiP»CII PrC-. PμC-CīP»CII P·P°CīC,PsCīCŕPIP°PSPSCII PrPsP·Pë 50 PjPi [¹⁴PŸ]-PrP°PīP°PiP»C-C,,P»PsP·PëPSCr PIPëPIPsPrPëP»PsCīCII B 96 % PrPsP·Pë: 75 % bĤ“ C-P· CīPμC†PμCĤ C- 21 % bĤ“ P· PeP°P»PsPj. PμCĤPëP±P»PëP·PSPs 15 % PrPsP·Pë PIPëPIPsPrPëP»PsCīCII P· PeP°P»PsPj Cŕ PSPμP·PjC-PSPμPSPsPjCŕ PIPëPiP»CII PrC-.

-

P>C-PSC-PNēPSC-CīC,CHb

P'PīP»PëPI PrP°PīP°PiP»C-C,,P»PsP·PëPSCr P·P±C-P»CHbCëCŕPIP°PICīCII 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°CīCII P· C†P°CīPsPj PīCĤPë PiPsPIC,PsCĤPSPsPjCŕ PrPsP±PsPIPsPjCŕ PrPsP·CŕPIP°PSPSC- PīCĤPsC,CII PiPsPj PrPs 24 C,PëP¶PSC-PI.

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

PμPsCĤCžCëPμPSPSCII C,,CžPSPeC†C-C— PSPëCĤPsPe

PŸPμCĤPμPrPSCII CīPëCīC,PμPjPSP° PμPeCīPīPsP·PëC†C-CII PrP°PīP°PiP»C-C,,P»PsP·PëPSCr Cŕ CĤC-PIPsPIP°P¶PSPsPjCŕ CīC,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, CīPμCĤPμPrPSCbPsPiPs C,P° C,CII P¶PePsPiPs CīC,CŕPīPμPSC-PI (C%_{oo}Ps PIPëP·PSP°C†P°C,CHCīCII P·P° PīP»P°P·PjPsPIPëPj PeP»C-CĤPμPSCīPsPj PNēPsPiPμPeCīPsP»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° PμPeCīPeCĤPμC†C-CII PiP»CĤPePsP·Pë C-P· CīPμC†PμCĤ PīCĤPë CĤC-PIPsPIP°P¶PSC-PNē PePsPSC†PμPSC,CĤP°C†C-C— P»C-PeP°CĤCīCĤbPePsPiPs P·P°CīPsP±Cŕ P·PSP°C†PSPsCĤ PjC-CĤPsCĤ P·P°P»PμP¶P°P»P° PIC-Pr C,,CŕPSPeC†C-C— PSPëCĤPsPe C- CīC,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,PSCĤPsPiPs 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
PIPēCĤPSPsPIPēPē 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,CḡPj 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°PḡPμPSCḡ:

- CИПе 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· PSPмPіPмCђPмPSPScІPёPjC-CІC,CH P»C-PeP°CђCІCHPePsPiPs P·P°CІPsP±CІ;

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

P PмP·CІP»CHC,P°C,Pё PrPsCІP»C-PrP¶PмPSCђ C%PsPrPs PіPsC”PrPSP°PSPSCИ P»C-PeP°CђCІCHPePёC... P·P°CІPsP±C-PI, PIPіP»PёPICІ PSP° PіP»C-PePмPjC-C‡PSPёPNё PePsPSC,CђPsP»CH, CІPмCђC‡PмPIPs-CІCІPrPёPSPSC- C,P° PSPёCђPePsPIC- PіPsPrC-C—, P° C,P°PePsP¶ PrPsCІP»C-PrP¶PмPSPSCИ PіPsPіCІP»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-PSCёPёPjPё P»C-PeP°CђCІCHPePёPjPё P·P°CІPsP±P°PjPё C,P° C-PSCёC- PIPёPrPё PIP·P°C”PjPsPrC-PNёB» C,P° B«P°P°CђPjP°PePsPrPёPSP°PjC-PeP°B».

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

P>C-PeP°CђCІCHPePёPNё P·P°CІC-P± PαPsCђPeCІC-PiP° PіPsPeP°P·P°PSPёPNё PrPsCђPsCІP»PёPj PrP»CИ P»C-PeCІPIP°PSPSCИ CІPёPjPіC,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°CђCІCHPePёPNё 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,PёPіPsPeP°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· PrPsPіPsPjC-P¶PSPёC... CђPмC‡PsPIPePS.

P’P·P°C”PjPsPrC-CИ P· C-PSCёPёPjPё P»C-PeP°CђCІCHPePёPjPё 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°PіP°PiP»C-C,,P»PsP·PёPSCІ PjPsP¶Pм P·P±C-P»CHCёPёC,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»CHCёPёC,Pё CђPёP·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«PhCḡPsP±P»PēPIPsCḡC,C-
P·P°CḡC,PsCḡCfPIP°PSPSCḡB»).

*P†PSCḡCḡP»C-PS C,P° P·P°CḡPsP±Pē, C%Ps PiPsCḡPēP»CḡCḡC,CH CḡPμPeCḡPμC†C-Cḡ
C-PSCḡCḡP»C-PSCḡ C,P°PeC- CḡPe P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pē C-P· PiCḡCfPiPē
CḡCfP»CHC,,PsPSC-P»CḡPμC†PsPIPēPSPē, PIPēPeP»PēPeP°CḡC,CH CḡPsP·PIPēC,PsPe*

P†PSCḡCfP»C-PS C,P° P·P°CḡPsP±Pē, C%Ps PiPsCḡPēP»CḡCḡC,CH CḡPμPeCḡPμC†C-Cḡ
C-PSCḡCfP»C-PSCḡ, C,P°PeC- CḡPe P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pē C-P· PiCḡCfPiPē
CḡCfP»CHC,,PsPSC-P»CḡPμC†PsPIPēPSPē, PIPēPeP»PēPeP°CḡC,CH CḡPsP·PIPēC,PsPe
PiC-PiPsPiP»C-PePμPjC-C—. PŷP°PePēPj C†PēPSPsPj, PrP»Cḡ P·PSPēPḡPμPSPSCḡ CḡPēP·PēPeCf
CḡPsP·PIPēC,PeCf PiC-PiPsPiP»C-PePμPjC-C— PiCḡPē P·P°CḡC,PsCḡCfPIP°PSPSC- PI
PePsPjP±C-PSP°C†C-C— P· PrP°PiP°PiP»C-C,,P»PsP·PēPSPsPj Cḡ PiP°C†C-C”PSC,C-PI C-P·
C†CfPeCḡPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPiCḡ PjPsPḡPμ P±CfC,Pē PrPsC†C-P»CHPSPēPj
P·P°CḡC,PsCḡCfPIP°PSPSCḡ P±C-P»CHC€ PSPēP·CHPePēC... PrPsP· C-PSCḡCfP»C-PSCḡ
P°P±Ps P·P°CḡPsP±C-PI, C%Ps PiPsCḡPēP»CḡCḡC,CH CḡPμPeCḡPμC†C-Cḡ
C-PSCḡCfP»C-PSCḡ (PrPēPI. CḡPsP·PrC-P» B«PŷPiPsCḡC-P± P·P°CḡC,PsCḡCfPIP°PSPSCḡ 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·PēPSCḡ PiCḡPsC...PsPrPēC,CH PI
PsCḡPSPsPIPSPsPjCḡ C€P»CḡC...PsPj PePsPSBḡ™ CḡPiP°C†C-C— P· PiP»CḡPeCfCḡPsPSC-PrPsPj,
PsPiPsCḡPμCḡPμPrPePsPIP°PSPsC— PJP”Pα-
PiP»CḡPeCfCḡPsPSC-P»C,CḡP°PSCḡC,,PμCḡP°P·PsCḡ 1Pḡ9 (UGT1A9).

PJ C...PsPrC- PiCḡPsPIPμPrPμPSPSCḡ PrPsCḡP»C-PrPḡPμPSCH PI CḡPjPsPIP°C... *in vitro*
PrP°PiP°PiP»C-C,,P»PsP·PēPS PSPμ PiCḡPēPiPSC-C†CfPIP°PI C-P·PsC,,PμCḡPjPμPSC,Pē
C†PēC,PsC...CḡPsPjCḡ 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,CHCḡCḡ, C%Ps PrP°PiP°PiP»C-C,,P»PsP·PēPS
P·PjC-PSCḡPIP°C,PēPjPμ PjPμC,P°P±PsP»C-C†PSPēPNē PeP»C-CḡPμPSCḡ PsPrPSPsC†P°CḡPSPs
P·P°CḡC,PsCḡPsPICfPIP°PSPēC... P»C-PeP°CḡCḡCHPePēC... P·P°CḡPsP±C-PI, C%Ps
PjPμC,P°P±PsP»C-P·CḡCḡ,CHCḡCḡ C†PēPjPē C,,PμCḡPjPμPSC,P°PjPē.

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

P”PsCḡP»C-PrPḡPμPSPSCḡ P· PIPēPIC†PμPSPSCḡ PIP·P°C”PjPsPrC-C—, PiCḡPsPIPμPrPμPSC-
P·P° CḡC†P°CḡC,CH P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI P·
PIPēPePsCḡPēCḡC,P°PSPSCḡPj PI PsCḡPSPsPIPSPsPjCḡ PsPrPSC-C”C— PrPsP·Pē
P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ, CḡPIC-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"°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-PrPSPsCëPµPSPSCİPj (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·PIP°PrPëP»Ps PrPs P·P±C-P»CHbCëPµPSPSCİ AUC CÍPëPjPIP°CÍC,P°C,PëPSCÍ
PSP° 19 %B C- P·P±C-P»CHbCëPµPSPSCİ AUC CÍPëPjPIP°CÍC,P°C,PëPSPsPiPsC—
PePëCÍP»PsC,Pë PSP° 31 %. P—P±C-P»CHbCëPµPSPSCİ 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»PëCëPµ 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»).

$$\begin{aligned} & \text{PSP}_{\mu}\text{C}\bar{\text{H}}\text{P}_{\mu}\text{P}\cdot\text{PsP}\pm\text{PjP}_{\mu}\text{P}\|\text{P}_{\mu}\text{PSP}\bar{\text{e}}\text{PN}_{\text{e}}\text{PrPsC}\bar{\text{I}}\text{PIC-PrPSP}_{\mu}\text{C}\bar{\text{H}}\text{P}_{\mu}\text{PePsPjP}_{\mu}\text{PSPrCrC}''\text{C,CHC}\bar{\text{I}}\text{C}\bar{\text{I}} \\ & \text{PiPsC}\bar{\text{I}}\text{P}\bar{\text{e}}\text{PSP}^{\circ}\text{C,P}\bar{\text{e}}\text{P}\gg\text{C-PeCrPIP}^{\circ}\text{PSPSC}\bar{\text{I}}\text{PrP}^{\circ}\text{PiP}^{\circ}\text{PiP}\gg\text{C-C,,P}\gg\text{PsP}\cdot\text{P}\bar{\text{e}}\text{PSPsPjPiP}^{\circ}\text{C}\bar{\text{I}}\text{C-C}''\text{PSC,P}^{\circ}\text{Pj} \\ & \text{P}\cdot\text{P}\bar{\text{E}}\text{P}_{\text{b}}\text{P}\alpha < 25\text{PjP}\gg/\text{C...PI.} \end{aligned}$$

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

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

$P''PsCfPIC-Pr\ P\cdot P^{\circ}CfC,PsCfCrPIP^{\circ}PSPSClI\ P\gg C-PeP^{\circ}CfCfCHPePsPiPs\ P\cdot P^{\circ}CfPsP\pm Cr\ Cr$
 $PeP\gg C-PSC-C\ddagger PSP\ddot{e}C... PrPsCfP\gg C-PrP\Pi P\mu PSPSClIC... P\cdot P^{\circ}\ CrC\ddagger P^{\circ}CfC,Cf\ PiP^{\circ}C\ddagger C-C''PSC,C-PI$
 $P\cdot PiPsCfCrC\epsilon P\mu PSPSClIj\ C,,CrPSPeC\ddagger C-C- PiP\mu C\ddagger C-PSPeP\ddot{e}\ PsP\pm PjP\mu P\Pi P\mu PSP\ddot{e}P\ddot{N}\ddot{e}.$
 $P\bullet PeCfPiPsP\cdot P\ddot{e}C\ddagger C-ClI\ PrP^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\ddot{e}PSCr\ P\cdot P\pm C-P\gg CHC\epsilon CrC''C,CHCfClI\ Cr$
 $PiP^{\circ}C\ddagger C-C''PSC,C-PI\ P\cdot C,CII P\Pi PeP\ddot{e}Pj\ PiPsCfCrC\epsilon P\mu PSPSClIj\ C,,CrPSPeC\ddagger C-C-$
 $PiP\mu C\ddagger C-PSPeP\ddot{e}\ (PrP\ddot{e}PI.\ CfPsP\cdot PrC-P\gg P\ddot{e}\ B\ll P\ddot{Y}PiPsCfC-P\pm\ P\cdot P^{\circ}CfC,PsCfCrPIP^{\circ}PSPSClI\ C,P^{\circ}$
 $PrPsP\cdot P\ddot{e}B\gg C,P^{\circ}\ B\ll P\alpha P^{\circ}CfPjP^{\circ}PePsPeC-PSPuC,P\ddot{e}PeP^{\circ}B\gg).$

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

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

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

PŸP»C-Pr PrPsC,CḡPëPjCrPIP°C,PëC†Cḡ PsP±PμCḡPμP¶PSPsC†C,C- PïP°C†C-C"PSC,P°Pj,
PrP»Cḡ CḡPePëC... PïP°PrC-PSPSCḡ P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëC†PeCr,
PIPëPeP»PëPeP°PSPμ P·P°C†C,PsC†C†PIP°PSPSCḡPj PrP°PïP°PiP»C-C,,P»PsP·PëPSC†, PjPsP¶Pμ
C†C,P°PSPsPIPëC,Pë PSPμP±PμP·PïPμPeCr, PSP°PïCḡPëPeP»P°Pr, PïP°C†C-C"PSC,P°Pj P·
P°CḡC,PμCḡC-P°P»CHPSPsCḡ PiC-PïPsC,PμPSP·C-C"Cḡ PI P°PSP°PjPSPμP·C-, CḡPeC-
PïCḡPëPNëPjP°CḡC,CH P°PSC,PëPiC-PïPμCḡC,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 PIPëPïP°PrPeP°C... C†C†PïCrC,PSC-C... P·P°C...PIPSCḡCḡPIP°PSCḡ, C%Ps PjPsP¶C†C,CH
PïCḡPëP·PIPμC†C,Pë PrPs CḡPsP·PIPëC,PeCr P·PjPμPSC€PμPSPSCḡ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë (PSP°PïCḡPëPeP»P°Pr,
P·P°C...PIPsCḡCḡPIP°PSPSCḡ C€P»C†PSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,C†),
CḡPμPePsPjPμPSPPrC†C"C,CHC†Cḡ PïCḡPsPIPsPrPëC,Pë CḡPμC,PμP»CHPSPëPNë
PjPsPSC-C,PsCḡPëPSPi C†C,C†PïPμPSCḡ P·PjPμPSC€PμPSPSCḡ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë (PSP°PïCḡPëPeP»P°Pr, C,,C-P·PëPeP°P»CHPSPμ
PsP±C†C,PμP¶PμPSPSCḡ, PIPëPjC-CḡCḡPIP°PSPSCḡ 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 CḡPePëC... PIPëPSPëPeP°C" P·PjPμPSC€PμPSPSCḡ PsP±Bḡ™C"PjCr
PjC-P¶PeP»C-C,PëPSPSPsC— CḡC-PrPëPSPë, CḡPμPePsPjPμPSPPrC†C"C,CHC†Cḡ
C,PëPjC†P°C†PsPIPμ PïCḡPëPïPëPSPμPSPSCḡ P»C-PeCrPIP°PSPSCḡ
PrP°PïP°PiP»C-C,,P»PsP·PëPSPsPj PrPs C,PsPiPs C†P°C†C†, PïPsPePë P·PjPμPSC€PμPSPSCḡ
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- PïPsPIC-PrPsPjP»PμPSPSCḡ PïCḡPs CḡC-PrPeC- PIPëPïP°PrPePë
PrC-P°P±PμC,PëC†PSPsPiPs PePμC,PsP°C†PëPrPsP·Cr (P"PḡPḡ), PI C,PsPjCr C†PëC†P»C-
P·P°PïCḡPsP·P»PëPIPsPiPs C,P° C,,P°C,P°P»CHPSPsPiPs PrP»Cḡ P¶PëC,C,Cḡ, Cr
PïP°C†C-C"PSC,C-PI, CḡPeC- PsC,CḡPëPjCrPIP°P»Pë C-PSPiC-P±C-C,PsCḡPë
PSP°C,CḡC-PNëP·P°P»PμP¶PSPsPiPs PePsC,CḡP°PSC†PïPsCḡC,PμCḡP° PiP»CHPePsP·Pë 2-PiPs
C,PëPïCr (C-PkP—PḡPŸP"2), Cr C,PsPjCr C†PëC†P»C- PrP°PïP°PiP»C-C,,P»PsP·PëPS. PJ
CḡCḡPrC- PIPëPïP°PrPeC-PI C†C,P°PS PïCḡPsCḡPIP»CḡPIC†Cḡ P°C,PëPïPsPIPs, C,C-P»CHPePë
PïPsPjC-CḡPSPëPj PiC-PrPIPëC%PμPSPSCḡPj CḡC-PIPSCḡ 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†PïPsC†C,PμCḡC-PiP°CḡC,CHC†Cḡ
PSPμC†PïPμC†PëC,,C-C†PSC- C†PëPjPiC,PsPjPë, C,P°PeC- CḡPe PSC†PrPsC,P°,
P±P»CḡPIP°PSPSCḡ, P°PSPsCḡPμPeC†C-Cḡ, P±C-P»CH Cr P¶PëPIPsC,C-, PSP°PrPjC-CḡPSP°
C†PïCḡP°PiP°, CrC,CḡC†PrPSPμPSPμ PrPëC...P°PSPSCḡ, C†PïP»C†C,P°PSC-C†C,CH

PJ PiP°C†C-C°PSC,C-PI P· PiC-PrPsP·CḦPsCḦ PSP° P°PḽPḽ P°P±Ps PiCḦPë PNḽPsPiPs
PrC-P°PiPSPsC†C,CrPIP°PSPSC- P»C-PḗCrPIP°PSPSCḶ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj
C†P»C-Pr PSPμPiP°PNḽPSPs PiCḦPëPiPëPSPëC,Pë.

$\text{P}_{\mu}\text{P}_{\mu}\text{C}_{\eta}\text{P}_{\mu}\text{Pr}$ $\text{P}\ddot{\text{P}}\text{S}\text{C}\ddagger\text{P}^{\circ}\text{C},\text{P}\text{eP}\text{S}\text{P}_{\text{j}}$ $\text{P}\gg\text{C}-\text{P}\text{eCr}\text{PIP}^{\circ}\text{PSPSC}\sqcup$ $\text{PrP}^{\circ}\text{P}\ddot{\text{P}}^{\circ}\text{P}\text{iP}\gg\text{C}-\text{C},,\text{P}\gg\text{P}\text{sP}\cdot\text{P}\ddot{\text{e}}\text{PSP}\text{S}\text{P}_{\text{j}}$ $\text{C}\ddagger\text{P}\gg\text{C}-\text{Pr}$
 $\text{C}_{\eta}\text{P}\text{S}\text{P}\cdot\text{P}\text{iP}\gg\text{C}\sqcup\text{PSCrC},\text{P}\ddot{\text{e}}$ $\text{C},,\text{P}^{\circ}\text{P}\text{eC},\text{P}\text{sC}_{\eta}\text{P}\ddot{\text{e}}$ PI $\text{P}^{\circ}\text{PSP}^{\circ}\text{P}_{\text{j}}\text{PSP}_{\mu}\text{P}\cdot\text{C}-$ $\text{P}\ddot{\text{P}}^{\circ}\text{C}\ddagger\text{C}-\text{C}^{\circ}\text{PSC},\text{P}^{\circ},\text{C}\sqcup\text{P}\text{eC}-$
 $\text{P}_{\text{j}}\text{P}\text{S}\text{P}\P\text{CrC},\text{C}\text{H}$ $\text{C}\ddagger\text{P}\ddot{\text{P}}\text{C}_{\eta}\text{P}\ddot{\text{e}}\text{C}\sqcup\text{C},\text{P}\ddot{\text{e}}$ $\text{C}_{\eta}\text{P}\text{S}\text{P}\cdot\text{P}\text{IP}\ddot{\text{e}}\text{C},\text{P}\text{eCr}$ $\text{P}\text{eP}_{\mu}\text{C},\text{P}\text{sP}^{\circ}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{Pr}\text{P}\text{S}\text{P}\cdot\text{Cr}.$

$$\text{P}^{\circ}\text{C}-\text{PrPSPsPIP}\gg\text{C}\text{HPIP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{C}-\text{P}\epsilon\text{CrPIP}^{\circ}\text{PSPSC}\text{H}\text{C}-\text{P}\acute{\text{K}}\text{P}-\text{P}_{\text{b}}\text{P}\check{\text{V}}\text{P}^{\circ}\text{P}^{\circ}\text{C}\dagger\text{C}-\text{C}^{\circ}\text{PSC},\text{P}^{\circ}\text{P}\text{P}.$$

P°P°PSC-, PsC,CḡPëPjP°PSC- PïC-Pr C‡P°Cŀ PëP»C-PSC-C‡PSPëC... PrPsCŀP»C-PrP¶PµPSCḤ
PrP°PïP°PiP»C-C,,P»PsP·PëPSCŕ Cŕ PïP°C†C-C°PSC,C-PI C-P· C†CŕPeCḡPsPIPëPj
PrC-P°P±PµC,Pspj 1 C,PëPïCŕ, CŀPIC-PrC‡P°C,CḤ PïcḡPs C,Pµ, C%oPs P°PḷPḥ PIPëPSPëPeP°C°
C-P· P·P°PiP°P»CḤPSPsCḤ C‡P°CŀC,Psc,PscḤ. P°P°PiP°PiP»C-C,,P»PsP·PëPS PSPµ CŀP»C-Pr
P·P°CŀC,PscŀPsPICŕPIP°C,Pë PrP»Cŀ P»C-PecŕPIP°PSPSCŀ PïP°C†C-C°PSC,C-PI C-P·
C†CŕPeCḡPsPIPëPj PrC-P°P±PµC,Pspj 1-PiPs C,PëPïCŕ.

PμPSPIC-PrPsPjP»CΠP»PSCΓCΠ PīCḡPs PIPēPīP°PrPePē PSPμPeCḡPsC,PēC‡PSPsPiPs
 C,,P°CΓC†PēC—C,Cr PīCḡPsPjPμP¶PēPSPē (C,P°PePsP¶ PIC-PrPsPjPsPiPs CΠPe
 PiP°PSPiCḡPμPSP° PαCḡCḡPSCḤC”) Cr P¶C-PSPPe C,P° C‡PsP»PsPIC-PeC-PI, CΠPeC-
 PsC,CḡPēPjCrPiP°P»Pē C-PSPiC-P±C-C,PSCḡPē PκP—PḡPḡP”2 Cr
 PiC-CΓP»CΠCḡPμC”CΓC,CḡP°C†C-PNēPSPēPNē PīPμCḡC-PsPr (PrPēPI. CḡPsP·PrC-P»
 B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»). P|Pμ C” CḡC-PrPeC-CΓPSPēPj, P°P»Pμ
 CΓPμCḡPNēPsP·PSPēPj C,P° PīPsC,PμPSC†C-PNēPSPs P·P°PiCḡPsP·P»PēPiPēPj PrP»CΠ P¶PēC,C,CΠ
 CΓC,P°PSPsPj, C‰Ps PIPēPjP°PiP°C” C,PμCḡPjC-PSPPsPiPs C...C-CḡCḡCḡPiC-C‡PSPsPiPs
 PIC,CḡCḡC‡P°PSPSCΠ C,P° P°PSC,PēP±C-PsC,PēPePsC,PμCḡP°PiC-C—.

$\text{P}\ddot{\text{Y}}\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\pm\text{P}^\circ\text{P}\cdot\text{PSP}^\circ\text{C},\text{P}\ddot{\text{e}},\text{C}\%_{\text{O}}\text{PsPSP}\mu\text{PeC}\ddot{\text{H}}\text{PsC},\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSPsPjCr}\text{C},,\text{P}^\circ\text{C}\dot{\text{I}}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C}-\text{C},\text{Cr}\text{PjPsP}\P\mu$
 $\text{PiP}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{PrCrPIP}^\circ\text{C},\text{P}\ddot{\text{e}}\text{CrC}\ddot{\text{H}}\text{PsPiP}\mu\text{PSC}-\text{C},\text{P}^\circ\text{P}\gg\text{CH}\text{PSP}^\circ\text{C}-\text{PSC},,\mu\text{PeC}\ddagger\text{C}-\text{C}\sqcup\text{C}\ddagger\text{P}\ddot{\text{e}}$
 $\text{PiP}\mu\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PSP}\mu\text{P}^\circ\text{P}\gg\text{CH}\text{PSP}\ddot{\text{e}}\text{P}\text{N}_\text{e}\text{P}^\circ\text{P}\pm\text{C}\dot{\text{I}}\text{C}\ddagger\text{P}\mu\text{C}\dot{\text{I}}.\text{PiPeC}\%_{\text{O}}\text{PsPiC}-\text{PrPsP}\cdot\text{C}\ddot{\text{H}}\text{C}\ddot{\text{H}}\text{C}\ddot{\text{H}}\text{C},\text{CH}$
 $\text{PiP}^\circ\text{PSPiC}\ddot{\text{H}}\text{P}\mu\text{PSCr}\text{P}\alpha\text{CrC}\ddot{\text{H}}\text{PSC}\text{H}\text{C},,\text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{CrPIP}^\circ\text{PSPSC}\sqcup\text{P}\gg\text{C}-\text{PeP}^\circ\text{C}\ddot{\text{H}}\text{C}\dot{\text{I}}\text{CH}\text{PePsPiPs}$
 $\text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{PsP}\pm\text{Cr}\text{P}\alpha\text{PsC}\ddot{\text{H}}\text{PeC}\dot{\text{I}}\text{C}-\text{PiP}^\circ\text{PSP}\mu\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPsC}\dot{\text{I}}\text{PeP}^\circ\text{C}\dot{\text{I}}\text{CrPIP}^\circ\text{C},\text{P}\ddot{\text{e}}\text{C},\text{P}^\circ$
 $\text{PSP}\mu\text{PiP}^\circ\text{P}\text{N}_\text{e}\text{PSPsC}\ddot{\text{H}}\text{PsP}\cdot\text{PiPsC}\ddagger\text{P}^\circ\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{C}-\text{PeCrPIP}^\circ\text{PSPSC}\sqcup(\text{Cr}\text{C},.\text{C}\ddagger.\text{P}\cdot$
 $\text{P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{P}\pm\text{C}-\text{PsC},\text{P}\ddot{\text{e}}\text{PeP}^\circ\text{PjP}\ddot{\text{e}}\text{C},\text{P}^\circ\text{C}\dots\text{C}-\text{C}\ddot{\text{H}}\text{CrC}\ddot{\text{H}}\text{PiC}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PjPIP}\ddot{\text{e}}\text{PrP}^\circ\text{P}\gg\mu\text{PSPSC}\sqcup\text{Pj}$
 $\text{PSP}\mu\text{PeC}\ddot{\text{H}}\text{PsC},\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{C}\dots\text{PjP}^\circ\text{C}\dot{\text{I}}).$

$$P \bullet PeC \dot{I} PeC \dot{H} PuC \dot{+} C - Cl \quad PiP \gg C \dot{H} PePsP \cdot Pe \quad C - P \cdot \quad C \dot{I} PuC \dot{+} PuC \dot{H} \quad PiPsP \bullet Pu \quad P \dot{+} CrC, Pe$$

PiPsPIbTTM CИP·P°PSP° P· PiC-PrPIPeC%oPμPSPePj CИPeP·PePePsPj CИPsP·PIPeC,PeCf
C-PSC,,PμPeC†C-C— CГPμC†PsPIPePIC-PrPSPeC... CεP»CИC...C-PI; C,P°PePePj C†PePSPsPj,
PiCИPe P»C-PeCfPIP°PSPSC- PiC-C”P»PsPSPμC,,CИPeC,Cf P°P±Ps CfCИPsCГPμPiCГPeCГCf
PjPsPИPμ P±CfC,Pe PrPsC†C-P»CHbPSPePj C,PePjC†P°CГPsPIPμ PiCИPePiPePSPμPSPSCИ
P·P°CГC,PsCГCfPIP°PSPSCИ PrP°PiP°PiP»C-C,,P»PsP·PePSCf.

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

PμP°C†C-C”PSC,Pe P»C-C,PSCHbPsPiPs PIC-PeCf PjP°CHC,CH P±C-P»CHbCεPePNε CИPeP·PePe
CИPsP·PIPeC,PeCf P·PjPμPSCεPμPSPSCИB PsP±bTTM C”PjCf PjC-PИPeP»C-C,PePSPSPsC—B
CИC-PrPePSPe, P° C,P°PePsPИ C†P°CГC,C-CεPμ PsC,CИPePjCfCHC,CH P»C-PeCfPIP°PSPSCИ
PrC-CfCИPμC,PePeP°PjPe.

PμP°C†C-C”PSC,Pe P»C-C,PSCHbPsPiPs PIC-PeCf C†P°CГC,C-CεPμ PjP°CHC,CH
PiPsCИCfCεPμPSPSCИ PSPeCИPePsPIPsC— C,,CfPSPeC†C-C— C,P°/P°P±Ps
PsC,CИPePjCfCHC,CH P»C-PeCfPIP°PSPSCИ P°PSC,PePiC-PiPμCИC,PμPSP·PePIPSPePjPe
P»C-PeP°CИCГCHPePePjPe P·P°CГPsP±P°PjPe, C%oPs PjPsPИCfC,CH CГPiCИPeC†PePSCИC,Pe
P·PjC-PSPe PSPeCИPePsPIPsC— C,,CfPSPeC†C-C—, C,P°PePePjPe CИPe C-PSPiC-P±C-C,PsCИPe
P°PSPiC-PsC,PμPSP·PePSPiPμCИPμC,PIPsCИCHC†PsPiPs C,,PμCИPjPμPSC,Cf (C-PbPμPα) C,P°
P±P»PsPeP°C,PsCИPe CИPμC†PμPiC,PsCИC-PI P°PSPiC-PsC,PμPSP·PePSCf P†P† C,PePiCf 1
(P’P Ph).

P”P»CИ PiP°C†C-C”PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf PSP°PrP°CHC,CHCГCИ C,C- PИ
CГP°PjC- CИPμPePsPjPμPSPPrP°C†C-C— CГC,PsCГPsPIPSPs PSPeCИPePsPIPsC—
C,,CfPSPeC†C-C—, CИPe C- PrP»CИ PICГC-C... PiP°C†C-C”PSC,C-PI (PrPePI. CИPsP·PrC-P»Pe
B«PÿPiPsCГC-P± P·P°CГC,PsCГCfPIP°PSPSCИ C,P° PrPsP·PeB», B«PhCГPsP±P»PePIPsCГC,C-
P·P°CГC,PsCГCfPIP°PSPSCИB», B«PμPsP±C-C†PSC- CИPμP°PeC†C-C—B» C,P°
B«PαP°CИPjP°PePsPrPePSP°PjC-PeP°B»).

PÿPμCИC†PμPIP° PSPμPrPsCГC,P°C,PSC-CГC,CH

P”PsCГPIC-Pr P·P°CГC,PsCГCfPIP°PSPSCИ PrP°PiP°PiP»C-C,,P»PsP·PePSCf PI CИP°PjPeP°C...
PeP»C-PSC-C†PSPeC... PrPsCГP»C-PrPИPμPSCHb PiP°C†C-C”PSC,P°Pj P· IV PeP»P°CГPsPj
CГPμCИC†PμPIPsC— PSPμPrPsCГC,P°C,PSPsCГC,C- P·P° PeP»P°CГPeC,,C-PeP°C†C-C”CH NYHA
PsP±PjPμPИPμPSPePNε.

P†PSC,,C-P»CHbC,CИP°C,PePIPSP° PeP°CИPrC-PsPjC-PsPiP°C,C-CИ

P”PsCГP»C-PrPИPμPSPSCИ P·P° CfC†P°CГC,CH PiP°C†C-C”PSC,C-PI C-P·
C-PSC,,C-P»CHbC,CИP°C,PePIPSPsCH PeP°CИPrC-PsPjC-PsPiP°C,C-C”CH PSPμ
PiCИPsPIPsPrPeP»PeCГCИ.

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'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'CTḡC-PiP°P»PsCÍ'CH P·CTḡPsCÍ'CTḡC,P°PSPSCÍ
PeC-P»CHPePsCÍ'CTḡC- PiPëPiP°PrPeC-PI P°PjPiCrC,P°C†C-C— PSPëP¶PSC-C...
PeC-PSC†C-PIPsPe (PiPsP»PsPIPSPëPj C±PëPSPsPj, PiP°P»CHC†CÍ'CTḡC,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'CTḡC,P°PSPPrP°CTḡC,PSPëPNḡ PiCTḡPsC,,C-P»P°PeC,PëC±PSPëPNḡB PrPsPiP»CÍPr
P·P° CÍ'CTḡC,PsPiPsCTḡ, CÍPe C- PICÍ'CTḡC-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'CTḡC-P±
PαPsCTḡPeCÍ'CTḡC-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±Cr.

P>P°PeC,PsP·P°

PḡP°P±P»PμC,PePë PjC-CÍ'CTḡC,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'CTḡC- PiP°P»P°PeC,PsP·Pë, P»P°PeC,P°P·PSPsCTḡ
PSPμPrPsCÍ'CTḡC,P°C,PSC-CÍ'CTḡC,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'CTḡC,PsCÍ'PsPICÍ'PIP°C,Pë C†PμPNḡ
P»C-PeP°CTḡCÍ'CHPePëPNḡ P·P°CÍ'CTḡC-P±.

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

P'P°PiC-C,PSC-CÍ'CTḡC,CH

P"°PSPëC... C%PsPrPs P·P°CÍ'CTḡC,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%CrCTḡP°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 PĭPμCĤC-PsPr
C‡P°CÍCÍ, C%Ps PIC-PrPĭPsPIC-PrP°C” PrCĤCÍPiPsPjCÍ C- C,CĤPμC,CHPsPjCÍ
C,CĤPëPjPμCÍC,CĤCÍ PIP°PiC-C,PSPsCÍC,C- CÍ P»CĤPrPëPSPë. PŷP°PePëPj C‡PëPSPsPj,
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PrP°PĭP°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°PĭP°PiP»C-C,,P»PsP·PëPSPsPj CÍP»C-Pr PĭCĤPëPiPëPSPëC,Pë.

P“PsPrCÍPIP°PSPSCĬ PiCĤCÍPrPrCĤ

PĕPμPIC-PrPsPjPs, C‡Pë PIPëPrC-P»CĬC”C,CHCÍCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPS C,P°/P°P±Ps
PNëPsPiPs PjPμC,P°P±PsP»C-C,Pë CÍ PiCĤCÍPrPSPμ PjPsP»PsPePs P»CĤPrPëPSPë. PĕP°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, PĭCĤPsPrPμPjPsPSCÍC,CĤCÍPIP°P»Pë PμPeCÍPeCĤPμC†C-CĤ
PrP°PĭP°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
PĭPsC,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‡PμPSPëPNë. P”P°PĭP°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 PμPĭCĤPsPrCÍPeC,PëPIPSP° C,,CÍPSPeC†C-CĬ

P’PĭP»PëPI PrP°PĭP°PiP»C-C,,P»PsP·PëPSCÍ PSP° CĤPμPĭCĤPsPrCÍPeC,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°PĭP°PiP»C-C,,P»PsP·PëPSCÍ PSPμ
PIPĭP»PëPIP°P»Ps PSP° C,,PμCĤC,PëP»CHPSC-CÍC,CH PĭCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC-
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PI P±CÍPrCH-CĬPeC-PNë
PrPsCÍP»C-PrP¶CÍPIP°PSC-PNë PrPsP·C-.

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

P>C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± PαPsCĤPeCÍC-PiP° PSPμ PIPĭP»PëPIP°C” P°P±Ps
PSPμP·PSP°C‡PSPs PIPĭP»PëPIP°C” PSP° P·PrP°C,PSC-CÍC,CH PePμCĤCÍPIP°C,Pë
C,CĤP°PSCÍPĭPsCĤC,PSPëPjPë P·P°CÍPsP±P°PjPë C,P° PĭCĤP°C†CĤPIP°C,Pë P·
PjPμC...P°PSC-P·PjP°PjPë. PμP°C†C-C”PSC,C-PI CÍP»C-Pr PĭPsPiPμCĤPμPrPëC,Pë PĭCĤPs
CĤPëP·PëPe CĤPsP·PIPëC,PeCÍ PiC-PiPsPiP»C-PePμPjC-C— PiC-Pr C‡P°CÍ
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPSCÍ PI PĭPsC”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-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-ClClC‡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—.

—

PyP°P±P»PëC†CЦ 6. PұPsP±C-C†PSC- CЃPμP°PeC†C-C— C¿ PiP»P°C†PμP±Ps-
PePsPSC,CЃPsP»CЃPsPIP°PSPëC... PrPsCЃP»C-PrP¶PμPSPSCЦC...^{P°} C,P°
PiC-CЃP»CЦCЃPμC" CЃC,CЃP°C†C-PN₂PSPëPN₂ PrPsCЃPIC-Pr P·P°CЃC,PsCЃC¿PIP°PSPSCЦ

$PVPeCTC, P_{\mu}P_{\mu}P^* C_S C_{\mu}P_{\mu}P^* PSC-PI$ $PfPSC, P_{\mu}PeCfC-C-C, P^*$ $C-PSPIP^*P-C-C-$	$P^*CzP_{\mu}P_{\mu} C_{\mu}P^*CfC, P_S$	$P_S P^*CfC, P_S^*$ $P^*CfP^*CH_PIPsPIP^*P_{\mu}C-PSC-C,,$ $P \pm P^*P^*P^*PSC-C,$ $C-CfCfP_{\mu}CfC, PSC-$ $C-PSC, P_{\mu}PeCfC-C-$ $CTC, P^*C, P_{\mu}PIPeC,,$ $P_S C_{\mu}PIP^*PSC-PI^{(P^*, P_S)}$ $PfPSC, P_{\mu}PeCfC-C_{\mu}$ $CTP_{\mu}C_{\mu}P_SPIPePIC-PrPSPeC...$ $CeP^*C_{\mu}C...C-PI^{(P^*, P_S)}$	$P^*C_{\mu}C_{\mu}P^*CfC, P_S^*$ $C-PSC,, P_{\mu}PeCfC-C_{\mu}$	$P-C-PrPePs$	$P^*CzP_{\mu}P_{\mu} C_{\mu}C-PrPePs$ $P_{\mu}P_{\mu}PeC_{\mu}P_S C, PeCf-PSPeP_{\mu} C,, P^*CTCfPeC-C,,$ $PfC_{\mu}P_S P_{\mu}P_{\mu}P_{\mu}PeSPe (PIP^*PSPIC_{\mu}P_{\mu}PSP^*$ $P=CfC_{\mu}P_S C_{\mu}C^*)^{(P^*, P_S)}$
$P- P \pm PsPeCf P_S P \pm PjC-PSCf$ $C_{\mu}P_{\mu}C_{\mu}P_SPIPePS C-$ $C...P^*C_{\mu}C_{\mu}CfPIP^*PSPSC_{\mu}$	$P^*C-PIPsPIP^*C-PeP_{\mu}PjC-C_{\mu}$ $(Cf C_{\mu}P^*P-C-$ $P^*P^*CfC, P_S CfCfPIP^*PSPSC_{\mu}$ $Cf PePsPjP^*C-PSP^*CfC-C-$ $C-P. PYPY P^*P \pm Ps$ $C-PSCfCfP^*C-PSPsPj)^*$		$P-PjP_{\mu}PSCeP_{\mu}PSPSC_{\mu}$ $PsP \pm P_{\mu}P^*C^*PjCf$ $PIPsP^*P^*PeP^*C-C,, PePSPSPsC-$ $C_{\mu}C-PrPeSPeP_{\mu}^{(P^*, P_S)}$ $PYPfC_{\mu}P^*PIP^*$	$P^*C-P^*P \pm P_{\mu}C, PeCfPSPeP_{\mu}$ $PeP_{\mu}C, PsP^*CfPePrPsP-$ $(PIC_{\mu}P_{\mu}$ $P^*P^*CfC, PsCfCfPIP^*PSPSC-$ $PfC_{\mu}P_{\mu}$ $CfCfPeC_{\mu}P_SPIPsPjCf$ $PrC-P^*P \pm P_{\mu}C, C-$ $2 C, PePICf)^{(P_S, P_{\mu}, P_S)}$	
$P- P \pm PsPeCf PSPIC_{\mu}PjPsPIPsC-$ $CTPeCTC, P_{\mu}PjPe$		$P-P^*PIP^*PjPsC_{\mu}PjPsC_{\mu}PSPSC_{\mu}$			
$P- P \pm PsPeCf C, C_{\mu}P^*PIPsPsC-$ $CTPeCTC, P_{\mu}PjPe$			$P-P^*PIPsC_{\mu}$ $PYPfC...C-CTC, C_{\mu} Cf$ $C_{\mu}PsC, C-$		
$P- P \pm PsPeCf CePeC-C_{\mu}P_{\mu} C-C-$ $PiPsC...C-PrPSPeC...$		$P^*PeCTPePI^*$			$P_{\mu}PSPiC-PsPrP_{\mu}PjP^*$
$P- P \pm PsPeCf PeC-CTC, PePsPIPs-$ $PjPeP^*C_{\mu}P-PsPIPsC- CTPeCTC, P_{\mu}PjPe$ $C, P^* CTPIPsP^*CfCfPSPsC-$ $C, PeP^*PSPePSPe$		$P^*C-P^*CH C Cf CfPIPePSC-$			
$P- P \pm PsPeCf PSPeC_{\mu}PjPe C-$ $CTP_{\mu}C_{\mu}P_SPIPePIC-PrPSPeC...$ $CeP^*C_{\mu}C...C-PI$		$P^*PeP-CfC_{\mu}C-C_{\mu}$ $P_{\mu}PsP^*C-CfC_{\mu}C-C_{\mu}^{(P^*)}$	$P_{\mu}C-PeC, CfC_{\mu}C-C_{\mu}$		$PYPfP \pm CfP^*PsC-PSC, P_{\mu}C_{\mu}C-CTC, PeCfC-P^*P^*CH_PSPeP_{\mu}$ $PSPIC, C_{\mu}P_{\mu}C,$
$P- P \pm PsPeCf$ $C_{\mu}P_{\mu}PIC_{\mu}PjPsPrCfPeC, PePI-PSPsC-$ $CTPeCTC, P_{\mu}PjPe C, P^*$ $PjPsP^*P_S C_{\mu}PSPeC... P-P^*P^*PsP-$			$PYPfP_{\mu}C_{\mu}P \pm C-P_{\mu} Cf$ $PrC-P_{\mu}C_{\mu}PSPSCfC-$ $PfCfP^*CH_PPIPe C, P^*$ $PfC-C...PIPe$ $PYPfP_{\mu}C_{\mu}P \pm C-P_{\mu} Cf$ $PrC-P_{\mu}C_{\mu}PSPSCfC-$ $CTC, P^*C, P_{\mu}PIPeC...$ $PsC_{\mu}PIP^*PSC-PI^*$		
$P^*C-PrC...PeP^*P_{\mu}PSPSC_{\mu} PIC-Pr$ $PSPsC_{\mu}PjPe, PIPeC_{\mu}PIP-P_{\mu}PSC- Cf$ $C_{\mu}P_{\mu}P-CfP^*CH_C, P^*C, C-$ $P^*P^*P \pm PsC_{\mu}P^*C, PsC_{\mu}PSPeC...$ $PrPsCTP^*C-PrP_{\mu}P_{\mu}PSC_{\mu}$		$P_{\mu}C-PrPIPeC_{\mu}P_{\mu}PSPeP_{\mu}$ $PIP_{\mu}PIP^*C, PsPeC_{\mu}P_{\mu}C,,^{(P_S)}$ $P-PSPeP^*P_{\mu}PSPeP_{\mu}$ $PSPeC_{\mu}PjPsPIPeP_{\mu}$ $PeP^*C-C_{\mu}P_{\mu}PSPf$ $PeC_{\mu}PIP^*C, PePSC-PSCf$ $PfC_{\mu}P_S C, C_{\mu}PIPsPj$ $PfPsC_{\mu}P^*C, PePsPIPsPIPs$ $C-P-CeCfPIP^*PSPSC_{\mu}^{(P^*)}$ $P^*PeCfP^*C-PfC-PrP_{\mu}PjC-C_{\mu}^{(P^*)}$	$P_{\mu}C-PrPIPeC_{\mu}P_{\mu}PSPeP_{\mu}$ $C_{\mu}C-PIP_{\mu}PSC_{\mu}$ $PeC_{\mu}PIP^*C, PePSC-PSCf$ $PeC_{\mu}P_S PIC-$ $PfC_{\mu}P_S C, C_{\mu}PIPsPj$ $PIPsC_{\mu}P^*C, PePsPIPsPIPs$ $P^*C-PeCfPIP^*PSPSC_{\mu}^{(P^*)}$ $P_{\mu}C-PrPIPeC_{\mu}P_{\mu}PSPeP_{\mu}$ $C_{\mu}C-PIP_{\mu}PSC_{\mu}$ $CTP_{\mu}C_{\mu}P_SPIPeSPe$ $PeC_{\mu}P_S PIC-$ $P-PjP_{\mu}PSCeP_{\mu}PSPSC_{\mu}$ $PIP^*CTPe C-C-P^*P^*$		

P° PJ C,P°P±P»PëC†C- PiCḡPµPrC†C,P°PIP»PµPSC- PrP°PSC- P·P° PiPµCḡC-PsPr
C,CḡPëPIP°P»C-C†C,Cḡ PrPs 24 C,PëP¶PSC-PI (PePsCḡPsC,PePsC†C,CḡPsPePsPIC- PrP°PSC-),
PSPµP·P°P»PµP¶PSPs PIC-Pr PSP°PrP°PSPSC¶ PSPµPIC-PrPeP»P°PrPSPsC— PrPsPiPsPiPsPiPë Cr

C₇H^oP·C- P_iC-PrPIPëC%P_μPSPSC_Π C_‡Pë P·PSPëP_¶P_μPSPSC_Π C₇H-C-PIPSC_Π PiP»C_HPePsP·Pë
PeC₇PsPIC-.

P[±] P^oPsPrP^oC,PePsPIC_í C-PSC,,PsC₇PjP^oC_†C-C_H PjPsP_¶PSP^o P·PSP^oPN_εC,Pë C_í
PIC-PrP_iPsPIC-PrPSPëC... P_iC-PrC₇PsP·PrC-P»P^oC... PSPëP_¶C_‡P_μ.

P^I P^oPs PIC_íP»C_HPIPsPIP^oPiC-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... PsC₇PiP^oPSC-PI PSP^oP»P_μP_¶P^oC,C_H,
PSP^oP_iC₇PëPeP»P^oPr, C,P^oPeC- P_iPsP_iP_μC₇P_μPrPSC_HPs PIPëP·PSP^oC_‡P_μPSC- C,P_μC₇PjC-PSPë
P_iP_μC₇P_μPIP^oP_¶PSPsPiPs PIPëPePsC₇PëC_íC,P^oPSPSC_Π: PIC_íP»C_HPIPsPIP^oPiC-PSP^oP»C_HPSP^o
PiC₇PëP_±PePsPIP^o C-PSC,,P_μPeC_†C-C_Π, PIP^oPiC-PSP^oP»C_HPSP^o C-PSC,,P_μPeC_†C-C_Π,
P_±P^oP»P^oPSC-C,, PiC₇PëP_±PePsPIP^o C-PSC,,P_μPeC_†C-C_Π C_íC,P^oC,P_μPIPëC... PsC₇PiP^oPSC-PI,
PIC_íP»C_HPIPsPIP^oPiC-PSP^oP»C_HPSPëPN_ε PeP^oPSPrPëPrPsP·, PIC_íP»C_HPIPsPIP^oPiC-PSC-C,,
PeP^oPSPrPëPrPsP·PSPëPN_ε P_±P^oP»P^oPSC-C,, PeP^oPSPrPëPrPsP· C_íC,P^oC,P_μPIPëC...
PsC₇PiP^oPSC-PI, C-PSC,,P_μPeC_†C-C_Π C_íC,P^oC,P_μPIPëC... PsC₇PiP^oPSC-PI, C-PSC,,P_μPeC_†C-C_Π
C_‡PsP»PsPIC-C_‡PëC... C_íC,P^oC,P_μPIPëC... PsC₇PiP^oPSC-PI, C-PSC,,P_μPeC_†C-C_Π P_iP_μPSC-C_íP^o,
PIC_íP»C_HPIC-C,, P_±P^oPeC,P_μC₇C-P^oP»C_HPSPëPN_ε PIP^oPiC-PSC-C,, P^oP_±C_íC_†P_μC_í
PIC_íP»C_HPIPë.

P_i P^oPs C-PSC,,P_μPeC_†C-PN_ε C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_€P»C_ΠC...C-PI PSP^oP»P_μP_¶P^oC,C_H
C,P^oPeC- C,P_μC₇PjC-PSPë P_iP_μC₇P_μPIP^oP_¶PSPsPiPs PIPëPePsC₇PëC_íC,P^oPSPSC_Π,
PSP^oPIP_μPrP_μPSC- C_í P_iPsC₇C_ΠPrPeC_í C_‡P^oC_íC,PsC,Pë: C-PSC,,P_μPeC_†C-C_Π
C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_€P»C_ΠC...C-PI, C_†PëC_íC,PëC,, P_μC_€P_μC₇PëC...C-PsP·PSP^o
C-PSC,,P_μPeC_†C-C_Π C_íP_μC_‡PsPIPëPIC-PrPSPëC... C_€P»C_ΠC...C-PI, C-PSC,,P_μPeC_†C-C_Π
C_íP_μC_‡PsC_íC,P^oC,P_μPIPëC... C_€P»C_ΠC...C-PI, P_iC-C^oP»PsPSP_μC,,C₇PëC,, C,C₇PëPiPsPSC-C,,
C_íC₇P_μC,C₇PëC,, C-PSC,,P_μPeC_†C-C_Π PSPëC₇PsPe C,P^o P_iC₇PsC_íC,P^oC,PëC,.

T^o P^oPs P·PjP_μPSC_€P_μPSPSC_Π PsP_±B₇TM C^oPjC_í P_iPsP·P^oPeP»C-C,PëPSPSPsC— C₇H-C-PrPëPSPë
PSP^oP»P_μP_¶P^oC,C_H, PSP^oP_iC₇PëPeP»P^oPr, C,P^oPeC- P_iPsP_iP_μC₇P_μPrPSC_HPs
PIPëP·PSP^oC_‡P_μPSC- C,P_μC₇PjC-PSPë P_iP_μC₇P_μPIP^oP_¶PSPsPiPs PIPëPePsC₇PëC_íC,P^oPSPSC_Π:
PrP_μPiC-PrC₇P^oC,P^oC_†C-C_Π, PiC-P_iPsPIPsP»P_μPjC-C_Π, P^oC₇C,P_μC₇C-P^oP»C_HPSP^o
PiC-P_iPsC,P_μPSP·C-C_Π.

Pr P^oPs P_iPsP»C-C_íC₇C-C— PSP^oP»P_μP_¶P^oC,C_H C,P^oPeC- C,P_μC₇PjC-PSPë
P_iP_μC₇P_μPIP^oP_¶PSPsPiPs PIPëPePsC₇PëC_íC,P^oPSPSC_Π: P_iPsP»P^oPeC-C_íC₇C-C_Π,
P_iPsP»C-C_íC₇C-C_Π, P·P_±C-P»C_HC_€P_μPSPSC_Π PsP_±B₇TM C^oPjC_í
C_íP_μC_‡PsPIPëP_iC_íC_íPeP^oPSPSC_Π.

P_μ P_¶P_μC₇P_μPrPSC_Π P·PjC-PSP^o PIC-Pr PIPëC...C-PrPSPsPiPs C₇H-C-PIPSC_Π
PiP_μPjP^oC,PsPeC₇PëC,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^oPiP»C-C,,P»PsP·PëPSC_í C_í PrPsP·C- 10 PjPi P_iPsC₇C-PIPSC_ΠPSPs P· B₇^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
PiP_μPjP^oC,PsPeC₇PëC,C_í > 55 % C_íP_iPsC_íC,P_μC₇C-PiP^oP»PëC_íC_Π C_í 1,3 %
PiP^oC_†C-C^oPSC,C-PI, C_ΠPeC- PsC,C₇PëPjC_íPIP^oP»Pë PrP^oPiP^oPiP»C-C,,P»PsP·PëPS C_í PrPsP·C-
10 PjPi P_iPsC₇C-PIPSC_ΠPSPs P· 0,4 % PiP^oC_†C-C^oPSC,C-PI, C_ΠPeC- PsC,C₇PëPjC_íPIP^oP»Pë
PiP»P^oC_†P_μP_±Ps.

C^o P_¶P_μC₇P_μPrPSC_Π P·PjC-PSP^o C_í PIC-PrC_íPsC,PeP^oC... PIC-Pr PIPëC...C-PrPSPsPiPs
C₇H-C-PIPSC_Π C_í C₇H^oP·C- P·P^oC_íC,PsC_íC_íPIP^oPSPSC_Π PrP^oPiP^oPiP»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»CH̄PSPēPNē C...PsP»PμCḡC,PμCḡPēPS 2,5 % PīCḡPsC,Pē 0,0 %;
 C...PsP»PμCḡC,PμCḡPēPS P»C-PīPsPīCḡPsC,PμC—PrC-PI PIPēCḡPsPePsC—
 C%oC-P»CH̄PSPsCḡC,C- (P>PμP°P©) 6,0 % PīCḡPsC,Pē 2,7 %; C...PsP»PμCḡC,PμCḡPēPS
 P»C-PīPsPīCḡPsC,PμC—PrC-PI B PSPēP·CH̄PePsC— B C%oC-P»CH̄PSPsCḡC,C- B (P>PμP°P©)
 B 2,9 % B PīCḡPsC,Pē B ṽḡ“1,0 %; C,CḡPēPīP»C-C†PμCḡPēPrPē ṽḡ“2,7 % PīCḡPsC,Pē ṽḡ“0,7 %.

P¶P°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,PμCḡPμP¶PμPSPSCḡ.
 P°P°PIPμPrPμPSC- PSPēP¶C†Pμ C,PμCḡPjC-PSPē PīPμCḡPμPIP°P¶PSPsPiPs
 P·P°CḡC,PsCḡC†PIP°PSPSCḡ, C%oPs CḡC,PsCḡC†CḡC,CH̄CḡCḡ 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-PrP¶PμPSPSCḡC...:
 PIPēCḡPēPī, PīPμPSPμCḡP°P»C-P·PsPIP°PSPēPNē PIPēCḡPēPī, PIPēCḡPēPī P·C-
 CḡPIPμCḡP±PμP¶PμPj, PjP°PeCḡP»CH̄PsP·PSPēPNē PIPēCḡPēPī, PjP°PeCḡP»Ps-
 PīP°PīCḡP»CH̄PsP·PSPēPNē PIPēCḡPēPī, PīCḡCḡC,CḡP»CH̄PsP·PSPēPNē PIPēCḡPēPī,
 PIPμP·PēPeCḡP»CH̄PsP·PSPēPNē PIPēCḡPēPī C,P° PμCḡPēC,PμPjP°C,PsP·PSPēPNē PIPēCḡPēPī. P’
 P°PeC,PēPIPSPs- C,P° PīP»P°C†PμP±Ps-PePsPSC,CḡPsP»CH̄PsPIP°PSPēC...
 PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSPSCḡC... (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»CH̄PSPēC... P»C-PeP°CḡCḡCH̄PePēC... P·P°CḡPsP±C-PI
 (1,4 %).

^{Pē} PμCḡPs C†Pμ PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PI PeP»C-PSC-C†PSPsPjCḡ
 PrPsCḡP»C-PrP¶PμPSPSC- 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). P§P°CḡC,PsC,P°
 T’CḡCḡPSC,CḡC”C,CH̄CḡCḡ PSP° CḡC-C†PSPsPjCḡ PīPsPeP°P·PSPēPeCḡ.

* PŸPīPsCḡC,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-C€Pμ 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 PjPsP¶P»PēIPs PīPsPIBḡ™ CḡP·P°PSC-
 P°P±Ps PīPsPIBḡ™ CḡP·P°PSC- P· PrPsCḡP»C-PrP¶CḡPIP°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-C€Pμ 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»CH̄PIPSPiP°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
CÍPµC₇PµPrPSCHPsPiPs 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
C†C†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-PeCrPIP°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,PµChC-PiP°P»PëCfC¶ Cr PiC¶CfPiC- P»C-PeCrPIP°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,PµChC-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,PµChC-PiP°P»PsCfCH. PkPµP·PSP°C±PSC- PµPiC-P·PsPrPë
PiC-PiPsPiP»C-PePµPjC-C— CfPiPsCfC,PµChC-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,PµChC-PiP°P»PsCfCH PiC-PrPIPëC%PµPSPSC¶ ChPëP·PëPeCr 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†P₆P±Ps.

PJ PrPsC₇P»C-PrP¶P₆PSPSC- DAPA-HF P₇C₇Ps P₇PsPrC-C— PIPëC₇P°P¶P₆PSPsC—
PiC-P₇PsP₇P»C-PeP₆PjC-C— P₇PsPIC-PrPsPjP»C₇PI»PsC₇C₇ PI 4 (0,2 %) P₇P°C†C-C”PSC,C-PI
C₇PIPe C₇ PiC₇C₇PiC- PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P°Pe C- PI PiC₇C₇PiC- P₇P»P°C†P₆P±Ps.
PJ PrPsC₇P»C-PrP¶P₆PSPSC- 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†P₆P±Ps
P±C₇P»Pë P·P°C,,C-PeC₇PsPIP°PSC- P₇PsPrC-C—B PIPëC₇P°P¶P₆PSPsC—
PiC-P₇PsP₇P»C-PeP₆PjC-C—, P₇C₇PsC,P₆ PIPsPSPë C₇P₇PsC₇C,P₆C₇C-PiP°P»PëC₇C₇ P»PëC€P₆
C₇ P₇P°C†C-C”PSC,C-PI C-P· C†C₇PeC₇PsPIPëPj PrC-P°P±P₆C,P₆Pj 2 C,PëP₇C₇.

PJ PrPsC₇P»C-PrP¶P₆PSPSC- DAPA-CKD P₇C₇Ps P₆PiC-P·PsPrPë PIPëC₇P°P¶P₆PSPsC—
PiC-P₇PsP₇P»C-PeP₆PjC-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†P₆P±Ps, C,P°PeC- P₆PiC-P·PsPrPë C₇P₇PsC₇C,P₆C₇C-PiP°P»PëC₇C₇ P»PëC€P₆ C₇
P₇P°C†C-C”PSC,C-PI C-P· C†C₇PeC₇PsPIPëPj PrC-P°P±P₆C,P₆Pj 2 C,PëP₇C₇.

P—PjP₆PSC€P₆PSPSC₇ PsP±e₇™ C”PjC₇ P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë

PJ 13 PsP±e₇™ C”PrPSP°PSPëC... PrPsC₇P»C-PrP¶P₆PSPSC₇C... C₇P₆P°PeC†C-C—, C%Ps
C₇PIC-PrC†P°C,C₇ P₇C₇Ps P·PjP₆PSC€P₆PSPSC₇ PsP±e₇™ C”PjC₇
P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë (PIC₇P°C...PsPIC₇C₇C†Pë
P₇PsPIC-PrPsPjP»P₆PSPSC₇ P₇C₇Ps PIPëP₇P°PrPePë PrP₆PiC-PrC₇P°C,P°C†C-C—,
PiC-P₇PsP₇P»P₆PjC-C— C,P° P°C₇C,P₆C₇C-P°P»C₇HPSPsC— PiC-P₇PsC,P₆PSP·C-C—),
C₇P₇PsC₇C,P₆C₇C-PiP°P»PëC₇C₇ C₇ 1,1 % C,P° 0,7 % P₇P°C†C-C”PSC,C-PI, C₇PIPe-
PsC,C₇H₅P₆PjC₇PIP°P»Pë PrP°P₇P°P₇P»C-C,,P»PsP·PëPS C₇ PrPsP·C- 10 PjPi C- P₇P»P°C†P₆P±Ps
PIC-PrP₇PsPIC-PrPSPs; C₇P₆C₇PN₆PsP·PSC- P₇PsP±C-C†PSC- C₇P₆P°PeC†C-C—
PIPëPSPëPeP°P»Pë C₇ < 0,2 % P₇P°C†C-C”PSC,C-PI C- C₇PsP·P₇PsPrC-P»PëP»PëC₇C₇
P·P° C†P°C₇C,P₆C,P₆C P₇PsC₇C-PIPSC₇ PjC-P¶ PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇
PrP°P₇P°P₇P»C-C,,P»PsP·PëPSPsPj C₇ PrPsP·C- 10 PjPi C- P₇P»P°C†P₆P±Ps (PrPëPi.
C₇PsP·PrC-P» B«PhC₇PsP±P»PëPIP₇C₇C- P·P°C₇C,P₆C₇C₇PIP°PSPSC₇B»).

PJ PeP»C-PSC-C†PSPsPjC₇ PrPsC₇P»C-PrP¶P₆PSPSC- DECLARE PeC-P»C₇HPeC-C₇C,C₇
P₇P°C†C-C”PSC,C-PI P· P₆PiC-P·PsPrP°PjPë, C%Ps C₇PIC-PrC†P°C,C₇ P₇C₇Ps
P·PjP₆PSC€P₆PSPSC₇ PsP±e₇™ C”PjC₇ P₇PsP·P°PeP»C-C,PëPSPSPsC— C₇C-PrPëPSPë,
C₇PsP·P₇PsPrC-P»PëP»PëC₇C₇ P₇PsC₇C-PIPSC₇ PjC-P¶ PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇:
213 (2,5 %) C- 207 (2,4 %) C₇ PiC₇C₇PiP°C... PrP°P₇P°P₇P»C-C,,P»PsP·PëPSC₇ C,P°
P₇P»P°C†P₆P±Ps PIC-PrP₇PsPIC-PrPSPs. P₇P₆C₇PN₆PsP·PSC- P₇PsP±C-C†PSC- C₇P₆P°PeC†C-C—
C₇P₇PsC₇C,P₆C₇C-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†P₆P±Ps PIC-PrP₇PsPIC-PrPSPs. P’
PsC₇PSPsPIPSPsPjC₇ P₆PiC-P·PsPrPë C₇PsP·P₇PsPrC-P»PëP»PëC₇C₇ P₇PsC₇C-PIPSC₇ PjC-P¶
PiC₇C₇PiP°PjPë P»C-PeC₇PIP°PSPSC₇ PI PiC-PrPiC₇C₇PiP°C... P·P° PIC-PePsPj,
PIPëPePsC₇PëC₇C,P°PSPSC₇Pj PrC-C₇C₇P₆C,PëPeC-PI, P°C₇C,P₆C₇C-P°P»C₇HPSPëPj
C,PëC₇PePsPj C,P° PIPëPePsC₇PëC₇C,P°PSPSC₇Pj C-PSPiC-P±C-C,P₆C₇C-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"PS C, C-PI P· PIPëC...C-PrPSPsCḡ
 CḡPsP·CḡP°C...PsPIP°PSPsCḡ CëPIPëPrPeC-CḡC, Cḡ PeP»CḡP±PsC†PePsPIPsC—
 C,, C-P»CHC, 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, CH PīCḡPs P·PjPμPSCëPμPSPSCḡPj PsP±Bḡ™ C" PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë PrP»Cḡ PiCḡCḡPīPë
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C, P° 13 PμPīC-P·PsPrC-PI Cḡ PiCḡCḡPīC- PīP»P°C†PμP±Ps.

PJ PrPsCḡP»C-PrPḡPμPSPSC- DAPA-HF PeC-P»CHPeC-CḡC, CH PīP°C†C-C"PS C, C-PI P·
 CḡPIPëC%P°PjPë, C%Ps CḡPIC-PrC†P°C, CH PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C" PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, CḡC, P°PSPsPIPëP»P° 170 (7,2 %) Cḡ PiCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C, P° 153 (6,5 %) Cḡ PiCḡCḡPīC- PīP»P°C†PμP±Ps. PJ PiCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ P±CḡP»Ps PjPμPSCëPμ PīP°C†C-C"PS C, C-PI C-P·
 CḡPμCḡPNḡPsP·PSPëPjPë PiCḡPsCḡPIP°PjPë CḡPëPjPīC, PsPjC-PI (23 [1,0 %]), C%Ps
 CḡPIC-PrC†P°C, CH PīCḡPs P·PjPμPSCëPμPSPSCḡ PsP±Bḡ™ C" PjCḡ
 PīPsP·P°PeP»C-C, PëPSPSPsC— CḡC-PrPëPSPë, PīPsCḡC-PIPSCḡPSPs P· PiCḡCḡPīPsCḡ
 PīP»P°C†PμP±Ps (38 [1,6 %]). P PμP·CḡP»CHC, 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»CHPeC-CḡC, CH PīP°C†C-C"PS C, C-PI P·
 CḡPμCḡPNḡPsP·PSPëPjPë PiCḡPsCḡPIP°PjPë CḡPëPjPīC, PsPjC-PI PiC-PiPsPIPsP»PμPjC-C—
 CḡC, P°PSPsPIPëP»P° 35 (1,1 %) Cḡ PiCḡCḡPīC- PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ C- 31 (1,0 %) Cḡ
 PiCḡCḡPīC- PīP»P°C†PμP±Ps.

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

P"C-P°P±PμC, PëC†PSPëPNḡ PePμC, PsP°C†PëPrPsP· PiCḡPë 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"ḡPḡ
 CḡPīPsCḡC, PμCḡC-PiP°P»PëCḡCH Cḡ 27 PīP°C†C-C"PS C, C-PI Cḡ PiCḡCḡPīC-
 PrP°PīP°PiP»C-C,, P»PsP·PëPSCḡ Cḡ PrPsP·CḡPIP°PSPSC- 10 PjPi C- 12 PīP°C†C-C"PS C, C-PI Cḡ
 PiCḡCḡPīC- PīP»P°C†PμP±Ps. PḡPīPsCḡC, PμCḡPμPḡCḡPIP°PSC- PμPīC-P·PsPrPë
 CḡC-PIPSPsPjC-CḡPSPs CḡPsP·PīPsPrC-P»PëP»PëCḡCḡ PiCḡPsC, CḡPiPsPj PīPμCḡC-PsPrCḡ
 PrPsCḡP»C-PrPḡPμPSPSCḡ. PḡPμCḡPμPr 27 PīP°C†C-C"PS C, C-PI P· PμPīC-P·PsPrP°PjPë P"ḡPḡ
 Cḡ PiCḡCḡPīC- 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. CfPsP·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 Bђ” 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 Bђ” 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±Bђ™ 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,CfPëPjCfPIP°P»Pë
PrP°PiP°PiP»C-C„P»PsP·PëPS Cf PrPsP·C- 10 PjPi, PiPsCfC-PIPSCЦPSPs P· C,PëPjPë, C...C,Ps
PsC,CfPëPjCfPIP°PI PiP»P°C†PμP±Ps (4,7 % PiCfPsC,Pë 3,5 % PIC-PrPiPsPIC-PrPSPs; PrPëPI.
CfPsP·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
CfPμCfPμPrPSCfPsPiPs 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° CfC-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-CfPSC-CfC,CH CfPμC†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 CfC-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·PIPēPSCrP»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,,CfPSPeC†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°CГPμP±Ps PIC-PrPiPsPIC-PrPSPs. Pj PiP°CГC-C" PSC, C-PI P· PSPsCГPjP°P»CHPSPsCГ
C,,CГPSPeCГC-C" CГ PSPëCГPsPe P°P±Ps PiPsCГCГC€PμPSPSCЦPj C,,CГPSPeCГC-C-
PSPëCГPsPe P»PμPiPePsPiPs CГC, CГPiPμPSCЦ (PiPëC...C-PrPSP° CГPëPлPα ≥ 60

PjP»/C...PI/1,73Pj²) CГPμP°PeCГC-C— CГC-C" C— 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°CГPμP±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·PëPSCГ CГ PrPsP·C- 10 PjPi C, P° 9,3 % CГ
CГP°P·C- P·P°CГC, PsCГCГPiP°PSPSCЦ PiP»P°CГPμP±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-PIPμPSCГ 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€PμPSPSCЦPj C,,CГPSPeCГC-C— PSPëCГPsPe (CГPëPлPα PjPμPSC€Pμ PSC-P¶
60 PjP»/C...PI/1,73 Pj²), CГPëPлPα P·PSPëP¶CГC" C, 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°CГPμP±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°CГPμP±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 CГPμCГPμPrPSCГPsPiPs 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°CГPμP±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°CГPμP±Ps. Pj PrPsCГP»C-PrP¶PμPSPSC- DELIVER P·PSPëP¶PμPSPSCЦ
CГPμCГPμPrPSCГPsPiPs P·PSP°CГPμPSPSCЦ CГPëPлPα CГPμCГPμP· 1 PjC-CГCЦCГCГ 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°CГPμP±Ps BГ" - 0,4 PjP»/C...PI/1,73 Pj². B B P§PμCГPμP·

B B 24B B PjC-CÍCÍCÍC- B P·PjC-PSPë B PİPsPeP°P·PSPëPeP° ÇĤPĚPĤPα B (CÍ
B PİPsÇĤC-PIPSCÍPSPSC- B P· B PIPëC...C-PrPSPëPj B ÇĤC-PIPSPμPj) B CÍ B PiÇĤCÍPİP°C...
B PrPsCÍP»C-PrP¶PμPSPSCÍ B P±CÍP»Pë B P·C-CÍC,P°PIPSPëPjPë: B -4,2 PjP»/C...PI/1,73 Pj² CÍ
PiÇĤCÍPİC- PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ C,P° - 3,2 PjP»/C...PI/1,73 Pj² CÍ PiÇĤCÍPİC-
PİP»P°C†PμP±Ps.

Pj PrPsCÍP»C-PrP¶PμPSPSC- DAPA-CKD PİPsPeP°P·PSPëPe ÇĤPĚPĤPα C-P· C†P°CÍPsPj
P·PjPμPSC€CÍPİP°PICÍCÍ CÍPe CÍ PiÇĤCÍPİC- PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ, C,P°Pe C- PI
PiÇĤCÍPİC- PİP»P°C†PμP±Ps. PμPsC†P°C,PePsPIPμ P·PjPμPSC€PμPSPSCÍ (PrPμPSCĤ 14)
CÍPμÇĤPμPrPSCĤPsC— ÇĤPĚPĤPα CÍC,P°PSPsPIPëP»Ps -4,0 PjP»/C...PI/1,73 Pj² CÍ PiÇĤCÍPİC-
PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ C,P° -0,8 PjP»/C...PI/1,73 Pj² CÍ PiÇĤCÍPİC- PİP»P°C†PμP±Ps.
PŞPμÇĤPμP· 28 PjC-CÍCÍCÍC-PI P·PjC-PSP° ÇĤPĚPĤPα PIC-Pr PIPëC...C-PrPSPsPiPs
ÇĤC-PIPSCÍ CÍC,P°PSPsPIPëP»P° -7,4 PjP»/C...PI/1,73 Pj² CÍ PiÇĤCÍPİC-
PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ C,P° -8,6 PjP»/C...PI/1,73 Pj² CÍ PiÇĤCÍPİC- PİP»P°C†PμP±Ps.

P”C-C,Pë

PμÇĤPsC,,C-P»CH P±PμP·PİPμPePë PrP°PİP°PiP»C-C,,P»PsP·PëPSCÍ, C%oPs
CÍPİPsCÍC,PμÇĤC-PİP°PICÍCÍ CÍ PeP»C-PSC-C†PSPsPjCÍ PrPsCÍP»C-PrP¶PμPSPSC- P·P°
CÍC†P°CÍC,ÇĤ PrC-C,PμPNë PIC-PePsPj PIC-Pr 10 ÇĤPsPeC-PI P· C†CÍPeÇĤPsPIPëPj
PrC-P°P±PμC,PsPj 2 C,PëPİCÍ (PrPëPI. ÇĤPsP·PrC-P» B«PαP°ÇĤPjP°PePsPeC-PSPμC,PëPeP°B»),
P±CÍPI P°PSP°P»PsPiC-C†PSPëPNë C,PsPjCÍ, C%oPs CÍPİPsCÍC,PμÇĤC-PİP°PICÍCÍ CÍ
PrPsCÍP»C-PrP¶PμPSPSCÍC... P·P° CÍC†P°CÍC,ÇĤ PrPsÇĤPsCÍP»PëC....

-

PμPsPIC-PrPsPjP»PμPSPSCÍ PiÇĤPs PİPsP±C-C†PSC- ÇĤPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCÍ PİÇĤPs PİPsP±C-C†PSC- ÇĤPμP°PeC†C-C— PİC-CÍP»CÍ
ÇĤPμC”CÍC,ÇĤP°C†C-C— P»C-PeP°ÇĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PjP°C” PIP°P¶P»PëPIPμ
P·PSP°C†PμPSPSCÍ. P|Pμ PrP°C” P·PjPsPiCÍ PİÇĤPsPIPsPrPëC,Pë PjPsPSC-C,PsÇĤPëPSPi
CÍPİC-PIPIC-PrPSPsC€PμPSPSCÍ PePsÇĤPëCÍC,CH/ÇĤPëP·PëPe PİÇĤPë
P·P°CÍC,PsCÍCÍPİP°PSPSC- C†CHPsPiPs P»C-PeP°ÇĤCÍCHPePsPiPs P·P°CÍPsP±CÍ.
PĤPμPrPëC†PSPëPj C,P° C,,P°ÇĤPjP°C†PμPIC,PëC†PSPëPj PİÇĤP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PİP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PİÇĤPμPrCÍC,P°PIPSPëPeP°Pj
CÍP»C-Pr PİPsPIC-PrPsPjP»CÍC,Pë PİÇĤPs CÍCÍC- PIPëPİP°PrPePë PİC-PrPsP·ÇĤCHPIP°PSPëC...
PİPsP±C-C†PSPëC... ÇĤPμP°PeC†C-PNë C,P° PIC-PrCÍCÍC,PSPsCÍC,C-
PμC,,PμPeC,PëPIPSPsCÍC,C- P»C-PeP°ÇĤCÍCHPePsPiPs P·P°CÍPsP±CÍ C†PμÇĤPμP·
PĤPIC,PsPjP°C,PëP·PsPIP°PSCÍ C-PSC,,PsÇĤPjP°C†C-PNëPSCÍ CÍPëCÍC,PμPjCÍ P·
C,,P°ÇĤPjP°PePsPSP°PiP»CÍPrCÍ P·P° PİPsCÍPëP»P°PSPSCÍPj: <https://aisf.dec.gov.ua>.

PŷPμÇĤPjC-PS PİÇĤPëPrP°C,PSPsCÍC,C-.

3 ÇĤPsPePë.

PJPjPsPIPë P·P±PμCḡC-PiP°PSPSCḡ.

P—P±PμCḡC-PiP°C,Pë Cr PSPμPrPsCḡC,CrPìPSPsPjCr PrP»Cḡ PrC-C,PμPNë PjC-CḡC†C- PiCḡPë
C,PμPjPìPμCḡP°C,CḡCḡC- PrPs 25 B°PŸ.

PJPïP°PePsPIPeP°.

PμPs 10 C,P°P±P»PμC,PsPe Cr P±P»C-CḡC,PμCḡC-, PìPs 3 P±P»C-CḡC,PμCḡPë Cr
PeP°CḡC,PsPSPSC-PNë PePsCḡPsP±C†C-.

PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPìCrCḡPeCr.

P—P° CḡPμC†PμPìC,PsPj.

P'PëCḡPsP±PSPëPe.

PḡCḡC,CḡP°P—PμPSPμPeP° P®Pḡ P>C-PjC-C,PμPr/AstraZeneca UK Limited.

**PḡC-CḡC†PμP·PSP°C...PsPrPḡPμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° PNëPsPiPs
P°PrCḡPμCḡP° PjC-CḡC†Cḡ PìCḡPsPIP°PrPḡPμPSPSCḡ PrC-CḡP»CḤPSPsCḡC,C-.**

PŸC-P»Pe P PsP°Pr P'C-P·PSPμCḡ PμP°CḡPe, PḡP°PePeP»CḡC,,C-P»Pr, SK10 2NA, P'PμP»PëPeP°
P'CḡPëC,P°PSC-Cḡ/Silk Road Business Park, Macclesfield, SK10 2NA, United Kingdom.