

P†PƙPŸPŸP PJPŶP|P†PĪ

**PrP»CĪ PjPμPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCĪ P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±Cí**

PĥPŸPŸP·PƙPŸPĥ^â20/5, PĥPŸPŸP·PƙPŸPĥ^â40/5, PĥPŸPŸP·PƙPŸPĥ^â40/10

(PĥPŸPŸP·NPŸPĥ^â20/5, PĥPŸPŸP·NPŸPĥ^â40/5, PĥPŸPŸP·NPŸPĥ^â40/10)

PŸPeP»P°Pr:

*PrC-CĤC‡C- CĤPμC‡PsPIPëPSPë: PsP»PjPμCÍP°CĤC,P°PSCí PjPμPrPsPeCÍPsPjC-P»;
P°PjP»PsPrPëPíC-PSCí P±PμCÍPëP»P°C,;*

PĥC,C,PμPSC,Ps^â20/5:

1 C,P°P±P»PμC,PeP°, PIPeCĤPëC,P° PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ,
PjC-CÍC,PëC,CH PsP»PjPμCÍP°CĤC,P°PSCí PjPμPrPsPeCÍPsPjC-P»Cí 20 PjPi C,P°
P°PjP»PsPrPëPíC-PSCí P±PμCÍPëP»P°C,Cí 6,944 PjPi (C%oPs PμPePIC-PIP°P»PμPSC,PSPs
P°PjP»PsPrPëPíC-PSCí 5 PjPi);

PĥC,C,PμPSC,Ps^â40/5:

1 C,P°P±P»PμC,PeP°, PIPeCĤPëC,P° PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ,
PjC-CÍC,PëC,CH PsP»PjPμCÍP°CĤC,P°PSCí PjPμPrPsPeCÍPsPjC-P»Cí 40 PjPi C,P°
P°PjP»PsPrPëPíC-PSCí P±PμCÍPëP»P°C,Cí 6,944 PjPi (C%oPs PμPePIC-PIP°P»PμPSC,PSPs
P°PjP»PsPrPëPíC-PSCí 5 PjPi);

PĥC,C,PμPSC,Ps^â40/10:

1 C,P°P±P»PμC,PeP°, PIPeCĤPëC,P° PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ,
PjC-CÍC,PëC,CH PsP»PjPμCÍP°CĤC,P°PSCí PjPμPrPsPeCÍPsPjC-P»Cí 40 PjPi C,P°
P°PjP»PsPrPëPíC-PSCí P±PμCÍPëP»P°C,Cí 13,888 PjPi (C%oPs PμPePIC-PIP°P»PμPSC,PSPs
P°PjP»PsPrPëPíC-PSCí 10 PjPi);

PrPsPíPsPjC-P¶PSC- CĤPμC‡PsPIPëPSPë:

PeCĤPsC...PjP°P»CH PíCĤPμP¶PμP»P°C,PëPSC-P·PsPIP°PSPëPM₂ (PeCíPeCíCĤCíPrP·CĪPSPëPM₂),
C†PμP»CĤP»PsP·P° PjC-PeCĤPsPeCĤPëCÍC,P°P»C-C‡PSP° CÍPëP»C-PePsPIP°PSP°
(PjC-CÍC,PëC,CHB 98 % PjC-PeCĤPsPeCĤPëCÍC,P°P»C-C‡PSPsC— C†PμP»CĤP»PsP·Pë (Ph.Eur.)
C,P° 2 % PeCĤPμPjPSC-CĤ PrC-PsPeCÍPëPrCí PePsP»PsC—PrPSPsPiPs P±PμP·PIPsPrPSPsPiPs
(Ph.Eur.)), PSP°C,CĤC-CĤ PeCĤPsCÍPeP°CĤPjPμP»PsP·P°, PjP°PiPSC-CĤ CÍC,PμP°CĤP°C,;

PíP»C-PIPePsPIP° PsP±PsP»PsPSPeP°:

PĥC,C,PμPSC,Ps^â20/5:

Pĥpadry P†P† 85F18422 P±C-P»PëPM₂ (CÍPíPëCĤC, PíPsP»C-PIC-PSC-P»PsPIPëPM₂, C,PëC,P°PSCí

PrC-PsPeCíPëPr (P• 171), PiPsP»C-PµC,PëP»PµPSPiP»C-PePsP»CH, C,P°P»CHPe);

PħC,C,PµPSC,Ps^â40/5:

Phpadry P†P† 85F22093 P¶PsPIC,PëPN₀ (CíPíPëCĤC, PiPsP»C-PIC-PSC-P»PsPIPëPN₀, C,PëC,P°PSCí PrC-PsPeCíPëPr (P• 171), P·P°P»C-P·P° PsPeCíPëPr P¶PsPIC,PëPN₀B B (P• 172), PiPsP»C-PµC,PëP»PµPSPiP»C-PePsP»CH, C,P°P»CHPe);

PħC,C,PµPSC,Ps^â40/10:

Phpadry P†P† 85F25467 C#PµCĤPIPSPëPN₀ (CíPíPëCĤC, PiPsP»C-PIC-PSC-P»PsPIPëPN₀, C,PëC,P°PSCí PrC-PsPeCíPëPr (P• 171), P·P°P»C-P·P° PsPeCíPëPr P¶PsPIC,PëPN₀ (P• 172), P·P°P»C-P·P° PsPeCíPëPr C#PµCĤPIPSPëPN₀ (P• 172), PiPsP»C-PµC,PëP»PµPSPiP»C-PePsP»CH, C,P°P»CHPe).

P»C-PeP°CĤCíCHPeP° C,,PsCĤPjP°. PŷP°P±P»PµC,PePë, PIPeCĤPëC,C- PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ.

PħCíPSPsPIpsc- C,,C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°CíC,PëPIPsCíC,C-

PħC,C,PµPSC,Ps^â20/5:

P±C-P»C- PeCĤCíPiP»C- C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P· C,PëCíPSPµPSPSCĬPj B«Pŷ73B» P· PsPrPSPsPiPs P±PsPeCí;

PħC,C,PµPSC,Ps^â40/5:

PeCĤPµPjPsPIC- PeCĤCíPiP»C- C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P· C,PëCíPSPµPSPSCĬPj B«Pŷ75B» P· PsPrPSPsPiPs P±PsPeCí;

PħC,C,PµPSC,Ps^â40/10:

PePsCĤPëC#PSCĤPIP°C,Ps-C#PµCĤPIPSPSC- PeCĤCíPiP»C- C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PíP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P· C,PëCíPSPµPSPSCĬPj B«Pŷ77B» P· PsPrPSPsPiPs P±PsPeCí.

P»P°CĤPjP°PePsC,PµCĤP°PíPµPIC,PëC#PSP° PiCĤCíPíP°. PħPSC,P°PiPsPSC-CíC,Pë P°PSPiC-PsC,PµPSP·PëPSCí P†P† C,P° P±P»PsPeP°C,PsCĤPë PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI.

РльPsPr PħPŷPΓ Pŷ09D P’02.

P»P°CĤPjP°PePsP»PsPiC-C#PSC- PIP»P°CíC,PëPIPsCíC,C-

P»P°CĤPjP°PePsPrPëPSP°PjC-PeP°.

PħC,C,PµPSC,Ps^{B®} вĤ“ C†Pµ PePsPjP±C-PSPsPIP°PSPëPN₀ P»C-PeP°CĤCíCHPePëPN₀ P·P°CíC-P±, PrPs CíPeP»P°PrCí CĬPePsPiPs PIC...PsPrPëC,CH PsP»PjPµCíP°CĤC,P°PSCí

PjPμPrPsPeCfPsPjC-P» Bfj“ P°PSC,P°PiPsPSC-CfC, CfhPμC†PμPīC,PsCfhC-PI
P°PSPiC-PsC,PμPSP·PēPSCr P†P†, C,P° P°PjP»PsPrPēPīC-PSCr P±PμCfPēP»P°C, Bfj“
P±P»PsPeP°C,PsCfh PeP°P»CHC†C-C”PIPēC... PeP°PSP°P»C-PI. PļPsPjP±C-PSP°C†C-CfC C†PēC...
PrPIPSc... PrC-CfC†PēC... CfhPμC†PsPIPēPS PIPēCfPIP»CfC” CfPēPSPμCfhPīC-C†PSPēPNē
PμC,,PμPeC, C,P° CfPīCfhPēCfCfC” P·PSPēP¶PμPSPSCf P°CfhC,PμCfhC-P°P»CHPSPsPiPs
C,PēCfPeCf P±C-P»CHCēPsCf PjC-CfhPsCf, PSC-P¶ PePsP¶PSP° PrC-CfC†P°
CfhPμC†PsPIPēPSP° PsPeCfhPμPjPs.

PJ 8-C,PēP¶PSPμPIPsPjCf PīPsPrPIC-PNēPSPs CfP»C-PīPsPjCf CfhP°PSPPrPsPjC-P·PsPIP°PSPsPjCf
PīP»P°C†PμP±Ps-PePsPSC,CfhPsP»CHPpsPIP°PSPsPjCf C,,P°PeC,PsCfhPSPsPjCf
PrPsCfP»C-PrP¶PμPSPSC- P· CfC†P°CfC,Cf 1940 PīP°C†C-C”PSC,C-PI (71 %
PīP°C†C-C”PSC,C-PI PSP°P»PμP¶P°P»Pē PrPs C”PICfhPsPīPμPsC—PrPSPsC— CfhP°CfPē C- 29 %
Bfj“ PrPs C-PSCēPēC... CfhP°Cf) P±CfP»Ps PīPsPeP°P·P°PSPs, C%oPs P»C-PeCfPIP°PSPSCfCf
PīCfhPμPīP°CfhP°C,PsPj PħC,C,PμPSC,Ps^{B®} PīCfhPēP·PIPPrPēP»Ps PrPs C-CfC,PsC,PSPs
P±C-P»CHCē PIPēCfhP°P¶PμPSPsPiPs P·PSPēP¶PμPSPSCfCf PrC-P°CfC,PsP»C-C†PSPsPiPs C,P°
CfPēCfC,PsP»C-C†PSPsPiPs P°CfhC,PμCfhC-P°P»CHPSPsPiPs C,PēCfPeCf PīPsCfhC-PIPSCfPSPs
P· PjPsPSPsC,PμCfhP°PīC-C”Cf PIC-PrPīPsPIC-PrPSPēPjPē PePsPjPīPsPSPμPSC,P°PjPē.
PŸPμCfhPμPrPSC” P·PSPēP¶PμPSPSCfCf
CfPēCfC,PsP»C-C†PSPsPiPs/PrC-P°CfC,PsP»C-C†PSPsPiPs C,PēCfPeCf
C...P°CfhP°PeC,PμCfhPēP·CfPIP°P»PsCfCfCf P·P°P»PμP¶PSC-CfC,Cf PIC-Pr PrPsP·Pē: -24/-14 PjPj
CfhC,. CfC,. (20 PjPi/5 PjPi), -25/-16 PjPj CfhC,. CfC,. B (40
PjPi/5 PjPi) C- -30/-19 PjPj CfhC,. CfC,. (40 PjPi/10 PjPi).

PħC,C,PμPSC,Ps^{B®} 40/5 P·PSPēP¶CfPIP°PI
CfPēCfC,PsP»C-C†PSPēPNē/PrC-P°CfC,PsP»C-C†PSPēPNē C,PēCfPe Cf PīPsP»PsP¶PμPSPSC-
PīP°C†C-C”PSC,P° CfPēPrCfCfPē PrPsPrP°C,PePsPIPs PSP° 2,5/1,7 PjPj CfhC,. CfC,.
PīPsCfhC-PIPSCfPSPs P· PħC,C,PμPSC,Ps^{B®} 20/5. PħPSP°P»PsPiC-C†PSPs, PħC,C,PμPSC,Ps^{B®} 40/10
P·PSPēP¶CfPIP°PI CfPēCfC,PsP»C-C†PSPēPNē/PrC-P°CfC,PsP»C-C†PSPēPNē C,PēCfPe Cf
PīPsP»PsP¶PμPSPSC- PīP°C†C-C”PSC,P° CfPēPrCfCfPē PrPsPrP°C,PePsPIPs PSP° 4,7/3,5 PjPj
CfhC,. CfC,. PīPsCfhC-PIPSCfPSPs P· PħC,C,PμPSC,Ps^{B®} 40/5.

PšP°CfC,PeP° PīP°C†C-C”PSC,C-PI, Cf CfPePēC... PIPrP°P»PsCfCfCf PrPsCfCfCfPīC,Pē
C†C-P»CHPpsPIPēC... P·PSP°C†PμPSCf P°CfhC,PμCfhC-P°P»CHPSPsPiPs C,PēCfPeCf (< 140/90
PjPj CfhC,. CfC,. Cf PīP°C†C-C”PSC,C-PI P±PμP· C†CfPeCfhPsPIPsPiPs PrC-P°P±PμC,Cf C-B
< 130/80 PjPj CfhC,. CfC,. Cf PrC-P°P±PμC,PēPeC-PI), CfC,P°PSPsPIPēP»P° 42,5 %, 51,0 % C-
49,1 % PīCfhPē P·P°CfC,PsCfCfPIP°PSPSC- PīCfhPμPīP°CfhP°C,C-PI PħC,C,PμPSC,Ps^{B®} 20/5,
PħC,C,PμPSC,Ps^{B®} 40/5 C- PħC,C,PμPSC,Ps^{B®} 40/10 PIC-PrPīPsPIC-PrPSPs.

PħCfPSPsPIPSPēPNē PiC-PīPsC,PμPSP·PēPIPSPēPNē PμC,,PμPeC, PħC,C,PμPSC,Ps^{B®}, CfPe
PīCfhP°PIPēP»Ps, PrPsCfCfPīP°PICfCf PīCfhPsC,CfPīPsPj PīPμCfhCēPēC... 2 C,PēP¶PSC-PI
C,PμCfhP°PīC-C—.

PJ PrCfhCfPiPsPjCf PīPsPrPIC-PNēPSPs CfP»C-PīPsPjCf CfhP°PSPPrPsPjC-P·PsPIP°PSPsPjCf
PīP»P°C†PμP±Ps-PePsPSC,CfhPsP»CHPpsPIP°PSPsPjCf PrPsCfP»C-PrP¶PμPSPSC-
PIPēPIC†P°P»P°CfCf PμC,,PμPeC,PēPIPSC-CfC,Cf PrPsPrP°PIP°PSPSCf P°PjP»PsPrPēPīC-PSCr
PrPs CfC...PμPjPē P»C-PeCfPIP°PSPSCf PīP°C†C-C”PSC,C-PI C”PICfhPsPīPμPsC—PrPSPsC—
CfhP°CfPē P· PSPμPrPsCfC,P°C,PSCHPsCf CfhPμP°PeC†C-C”Cf PsCfhPīP°PSC-P·PjCf PSP°
PjPsPSPsC,PμCfhP°PīC-Cf PsP»PjPμCfP°CfhC,P°PSCr PjPμPrPsPeCfPsPjC-P»PsPj Cf PrPsP·C- 20
PjPi PīCfhPsC,CfPīPsPj 8 C,PēP¶PSC-PI.

PJ PīP°C†C-C”PSC,C-PI, CfPeC- PīCfhPsPrPsPIP¶CfPIP°P»Pē PsC,CfhPēPjCfPIP°C,Pē
C,C-P»CHPePē PsP»PjPμCfP°CfhC,P°PSCr PjPμPrPsPeCfPsPjC-P» Cf PrPsP·C- 20 PjPi,

СІРіС-PIPIC-PrPSPsC€PμPSPSCІ PjC-P¶ PjC-PSC-PjP°P»CHBPSPëPj C-
PjP°PeCІPëPjP°P»CHBPSPëPj P·PSP°C±PμPSPSCІPjPë CІPëCІC,PsP»C-C±PSPsPiPs C-
PrC-P°CІC,PsP»C-C±PSPsPiPs C,PëCІPeCІ PIP°CĤC-CĤPIP°P»Ps PIC-Pr 71 PrPs 82 %.
P·C,,PμPeC,PëPIPSC-CІC,CH PİCĤPμPİP°CĤP°C,Cr PİCĤPsC,CІPİPsPj PrPsP±Pë P±CІP»P°
PİC-PrC,PIPμCĤPrP¶PμPSP° PİCĤPë P°PjP±CІP»P°C,PsCĤPSPsPjCІ PjPsPSC-C,PsCĤPëPSPİCІ
P°CĤC,PμCĤC-P°P»CHBPSPsPiPs C,PëCІPeCІ.

P“C-PİPsC,PμPSP·PëPIPSPëPNë PμC,,PμPeC, PĥC,C,PμPSC,Ps^{B®} PSPμ P·P°P»PμP¶P°PI PIC-Pr
PIC-PeCІ C- CІC,P°C,C-, P° C,P°PePsP¶ PIC-Pr PSP°CІPIPSPsCІC,C- CІ PİP°C†C-C”PSC,C-PI
C†CІPeCĤPsPIPsPiPs PrC-P°P±PμC,CІ.

PJ PrPIPsC... PIC-PrPeCĤPëC,PëC... PSPμCĤP°PSPPrPsPjC-P·PsPIP°PSPëC...
CĤPsP·C€PëCĤPμPSPëC... PrPsCІP»C-PrP¶PμPSPSCІC... CІC,C-PNëPeP°
PμC,,PμPeC,PëPIPSC-CІC,CH PİCĤPμPİP°CĤP°C,Cr PĥC,C,PμPSC,Ps^{B®} 40/ 5 P±CІP»P°
PİPsPeP°P·P°PSP° CІ 49-67 % PİP°C†C-C”PSC,C-PI C±PμCĤPμP· PsPrPëPS CĤC-Pe
P·P°CІC,PsCІCІPIP°PSPSCІ.

*PĥP»PjPμCІP°CĤC,P°PSCž PjPμPrPsPeCІPsPjC-P» (PrC-CĤC±P° CĤPμC±PsPIPëPSP°
PĥC,C,PμPSC,Ps^{B®})*

PĥP»PjPμCІP°CĤC,P°PSCr PjPμPrPsPeCІPsPjC-P», C%Ps PIC...PsPrPëC,CH PrPs CІPeP»P°PrCІ
PİCĤPμPİP°CĤP°C,Cr PĥC,C,PμPSC,Ps^{B®}, C” CІPμP»PμPeC,PëPIPSPëPj P°PSC,P°PiPsPSC-CІC,PsPj
CĤPμC†PμPİC,PsCĤC-PI P°PSPİC-PsC,PμPSP·PëPSCr II PİPμCĤC€PsPiPs C,PëPİCІ (AT₁). P’
PsCĤPİP°PSC-P·PjC- PsP»PjPμCІP°CĤC,P°PSCr PjPμPrPsPeCІPsPjC-P» C€PIPëPrPePs
PİPμCĤPμC,PIPsCĤCĤC”C,CHCІCІ CІ C,,P°CĤPjP°PePsP»PsPİC-C±PSPs P°PeC,PëPIPSPëPNë
PjPμC,P°P±PsP»C-C, PsP»PjPμCІP°CĤC,P°PS. PĥPSPİC-PsC,PμPSP·PëPS P†P† Bĥ” C†Pμ
PİPμCĤPIPëPSPSPëPNë PIP°P·PsP°PeC,PëPIPSPëPNë PİPsCĤPjPsPS CĤPμPSC-PS-
P°PSPİC-PsC,PμPSP·PëPS-P°P»CHPrPsCІC,PμCĤPsPSPsPIPsC— CІPëCІC,PμPjPë, C%Ps
PIC-PrC-PİCĤP°C” PIP°P¶P»PëPİCІ CĤPsP»CH CІ PİP°C,PsC,,C-P·C-PsP»PsPİC-C—
P°CĤC,PμCĤC-P°P»CHBPSPsC— PİC-PİPμCĤC,PμPSP·C-C—. PĥPSPİC-PsC,PμPSP·PëPS P†P†
PİCĤPëP·PIPsPrPëC,CH PrPs P·PİCІP¶PμPSPSCІ CІCІPrPëPS, CІC,PëPjCІP»CІC†C-C—
CІPëPSC,PμP·CІ C,P° PİPëPİC-P»CHBPSPμPSPSCІ P°P»CHPrPsCІC,PμCĤPsPSCr,
PeP°CĤPrC-PsCІC,PëPjCІP»CІC†C-C— C,P° PSPëCĤPePsPIPsC— CĤPμP°P±CІPsCĤP±C†C-C—
PSP°C,CĤC-CĤ. PĥP»PjPμCІP°CĤC,P°PS PİCĤPëPİPSC-C±CІC”

CІCІPrPëPSPsP·PİCІP¶CІPIP°P»CHBPSCr C,P°
P°P»CHPrPsCІC,PμCĤPsPSPsCІPμPeCĤPμC,CrCĤC±CІ PrC-CĤ P°PSPİC-PsC,PμPSP·PëPSCr P†P†
C€P»CІC...PsPj P±P»PsPeCІPIP°PSPSCІ CĤPμC†PμPİC,PsCĤC-PI PĥPÿ₁ CІ C,PeP°PSPëPSP°C...,
CІ C,PsPjCІ C±PëCІP»C- Pİ PİP»P°PrPePëC... PjBĥ™ CІP·P°C... CІCІPrPëPS C,P°
PSP°PrPSPëCĤPePsPIPëC... P·P°P»PsP· P”C-CІ PsP»PjPμCІP°CĤC,P°PSCr PSPμ
P·P°P»PμP¶PëC,CH PIC-Pr PrP¶PμCĤPμP»P° C- C€P»CІC...CІ CІPëPSC,PμP·CІ
P°PSPİC-PsC,PμPSP·PëPSCr P†P†. P’PëP±C-CĤPePsPIPëPNë P°PSC,P°PiPsPSC-P·Pj
CІC,PsCІPsPIPSPs CĤPμC†PμPİC,PsCĤC-PI PĥPÿ₁ P°PSPİC-PsC,PμPSP·PëPSCr P†P†
PİCĤPëP·PIPsPrPëC,CH PrPs P·P±C-P»CHC€PμPSPSCІ CĤC-PIPSCІ CĤPμPSC-PSCr CІ
PİP»P°P·PjC- PeCĤPsPIC- C,P° PePsPSC†PμPSC,CĤP°C†C-C— P°PSPİC-PsC,PμPSP·PëPSCr P† C-
P°PSPİC-PsC,PμPSP·PëPSCr P†P†, P° C,P°PePsP¶ PrPs PrPμCІPePsPiPs P·PjPμPSC€PμPSPSCІ
CĤC-PIPSCІ P°P»CHPrPsCІC,PμCĤPsPSCr CІ PİP»P°P·PjC- PeCĤPsPIC-. PμCĤPë
P°CĤC,PμCĤC-P°P»CHBPSC-PNë PİC-PİPμCĤC,PμPSP·C-C— PsP»PjPμCІP°CĤC,P°PSCr
PjPμPrPsPeCІPsPjC-P» CІPİCĤPëC±PëPSCĤC” C,CĤPëPIP°P»Pμ P·PSPëP¶PμPSPSCІ
P°CĤC,PμCĤC-P°P»CHBPSPsPiPs C,PëCІPeCІ, C%Ps P·P°P»PμP¶PëC,CH PIC-Pr PrPsP·Pë.

PμCĤPë PNëPsPiPs P·P°CІC,PsCІCІPIP°PSPSC- PSPμ PIC-PrPjC-C±P°P»PsCІCІ

СҗPsP·PIPëC,PeCf P°СҗC,РµСҗC-Р°P»СҗPSPsC— PiC-PiPsC,РµPSP·C-C— PiC-CfP»Cf
PiСҗPëPNëPsPjCf PiPµСҗC€PsC— PrPsP·Pë, PsP·PSP°Pe C,P°C...C-C,,C-P»P°PeCfC-C— PiСҗPë
C,СҗPëPIP°P»PsPjCf P·P°CfC,PsCfCfPIP°PSPSC- C,P° СҗPµCfPëPrPëPICf
P°СҗC,РµСҗC-Р°P»СҗPSPsC— PiC-PiPµСҗC,РµPSP·C-C— PiC-CfP»Cf PiСҗPëPiPëPSPµPSPSCf
P·P°CfC,PsCfCfPIP°PSPSCf.

РµСҗPë P·P°CfC,PsCfCfPIP°PSPSC- PsP»PjPµCfP°СҗC,P°PSCf PjPµPrPsPeCfPsPjC-P»Cf
C...PIPsСҗPëPj PSP° P°СҗC,РµСҗC-Р°P»СҗPSCf PiC-PiPµСҗC,РµPSP·C-Cҗ 1 СҗP°P·PSP°
PrPsP±Cf PIC-PrP±CfPIP°C”C,СҗCfCf РµC,,РµPeC,PëPIPSPµ C,P° PiP»P°PIPsPµ
P·PSPëP¶PµPSPSCf P°СҗC,РµСҗC-Р°P»СҗPSPsPiPs C,PëCfPeCf PiСҗPsC,СfPiPsPj 24-
PiPsPrPëPSPSPsPiPs C-PSC,РµСҗPIP°P»Cf PjC-P¶ P·P°CfC,PsCfCfPIP°PSPSCfPjPë.

P C-PIPµPSCҗ P°PSC,PëPiC-PiPµСҗC,РµPSP·PëPIPSPsC— PrC-C— PiСҗPë
P·P°CfC,PsCfCfPIP°PSPSC- PiСҗPµPiP°СҗP°C,Cf 1 C±Pë 2 СҗP°P·Pë PSP° PrPsP±Cf PI
PsPrPSC-PMë C- C,C-PMë CfP°PjC-PMë PrPsP±PsPIC-PMë PrPsP·C- P±CfPI PsPrPSP°PePsPIPëPMë.
PҗP°PeCfPëPjP°P»СҗPSPµ P·PSPëP¶PµPSPSCf P°СҗC,РµСҗC-Р°P»СҗPSPsPiPs C,PëCfPeCf
PrPsCfCfPiP°C”C,СҗCfCf C±PµСҗPµP· 8 C,PëP¶PSC-PI PiC-CfP»Cf PiPsC±P°C,PeCf
P»C-PeCfPIP°PSPSCf, C...PsC±P° CfCfC,C,C”PiPëPMë PiC-PiPsC,РµPSP·PëPIPSPëPMë РµC,,РµPeC,
CfPiPsCfC,РµСҗC-PiP°C”C,СҗCfCf PIP¶Pµ C±PµСҗPµP· 2 C,PëP¶PSC- P»C-PeCfPIP°PSPSCf.

P’PiP»PëPI PsP»PjPµCfP°СҗC,P°PSCf PjPµPrPsPeCfPsPjC-P»Cf PSP°
P·P°C...PIPsСҗCҗPIP°PSC-CfC,Сҗ C,P° CfPjPµСҗC,PSC-CfC,Сҗ PSPµ
PICfC,P°PSPsPIP»PµPSPëPMë.

P P°PSPPrPsPjC-P·PsPIP°PSPµ PrPsCfP»C-PrP¶PµPSPSCf P·P°CfC,PsCfCfPIP°PSPSCf
PsP»PjPµCfP°СҗC,P°PSCf PrP»Cf PiСҗPsC,,C-P»P°PeC,PëPePë PrC-P°P±PµC,PëC±PSPsC—
PjC-PeСҗPsP°P»СҗP±CfPjC-PSCfСҗC-C— (ROADMAP) C-P· P·P°P»CfC±PµPSPSCfPj 4447
PiP°CfC-C”PSC,C-PI C-P· CfCfPeСҗPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPiCf P·
PSPsСҗPjP°P»СҗPSPëPj СҗC-PIPSPµPj P°P»СҗP±CfPjC-PSCfСҗC-C— C- C¶Pe PjC-PSC-PjCfPj
PsPrPSPëPj PrPsPrP°C,PePsPIPëPj C,,P°PeC,PsСҗPsPj СҗPëP·PëPeCf PIPëPSPëPePSPµPSPSCf
CfPµСҗCfPµPIPс-CfCfPrPëPSPSPëC... P·P°C...PIPsСҗCҗPIP°PSCҗ PiСҗPsPiPsPrPëP»PsCfCf P·
PjPµC,PsCҗ P·Bҗ™ CfCfCfPIP°C,Pë, C±Pë PjPsP¶Pµ C,РµСҗP°PiC-Cf PsP»PjPµCfP°СҗC,P°PSPsPj
P·P°C,СҗPëPjP°C,Pë C±P°Cf PiPµСҗC€PsC— PiPsCfPIPë
PjC-PeСҗPsP°P»СҗP±CfPjC-PSCfСҗC-C—. PµC-Pr C±P°Cf CfPµСҗPµPrPSCҗPsPiPs
PiPµСҗC-PsPrCf PIC-PrCfC,РµP¶PµPSPSCf C,СҗPëPIP°P»C-CfC,Сҗ 3,2 СҗPsPeCf
PiP°CfC-C”PSC,Pë PsC,СҗPëPjCfPIP°P»Pë PsP»PjPµCfP°СҗC,P°PS P°P±Ps PiP»P°CfPµP±Ps PSP°
PrPsPrP°C,PsPe PrPs C-PSC€PëC... P°PSC,PëPiC-PiPµСҗC,РµPSP·PëPIPSPëC... P·P°CfPsP±C-PI,
P·P° PIPëPSCfC,PePsPj C-PSPiC-P±C-C,PsСҗC-PI PҗPµPα P°P±Ps P’P Pҗ.

РµPµСҗPIPëPSPSP° PeC-PSCfPµPIP° C,PsC±PeP°, C±P°Cf PrPs PiPsCfPIPë
PjC-PeСҗPsP°P»СҗP±CfPjC-PSCfСҗC-C—, P±CfP»P° P·P±C-P»СҗC€PµPSP° PSP° 23 % PiСҗPë
P·P°CfC,PsCfCfPIP°PSPSC- PsP»PjPµCfP°СҗC,P°PSCf (PePsPµC,,C-CfC-C”PSC, СҗPëP·PëPeCf
PrP»Cf PiPsC±P°C,PeCf PjC-PeСҗPsP°P»СҗP±CfPjC-PSCfСҗC-C— 0,77; 95,1 %
PrPsPIC-CҗC±PëPMë C-PSC,РµСҗPIP°P» [P”P+] 0,63Bҗ”0,94; P = 0,01). PµC-CfP»Cf
PePsСҗPëPiCfPIP°PSPSCf PSPµP·PSP°C±PSPëC... PiPsC±P°C,PePsPIPëC...
PIC-PrPjC-PSPSPsCfC,РµPMë PI C-PSPPrPµPeCfC- PjP°CfPë C,C-P»P°, PҗPҗ, СҗC-PIPSCfC...
P»C-PiPsPiСҗPsC,РµC—PrC-PI PIPëCfPsPePsC— C%oC-P»СҗPSPsCfC,C-
PePsPµC,,C-CfC-C”PSC, СҗPëP·PëPeCf PrP»Cf PiPµСҗPIPëPSPSPsC— PeC-PSCfPµPIPс—
C,PsC±PePë CfC,P°PSPsPIPëPI 0,75 (95,1 % P”P+ 0,62Bҗ”0,92; P = 0,006). PµPsPrC-P±PSC-
СҗPµP·CfP»СҗC,P°C,Pë P±CfP»Pë PsC,СҗPëPjP°PSC- PI PiPsPiPµСҗPµPrPSCҗPs
PIPëP·PSP°C±PµPSPsPjCf P°PSP°P»C-P·C- P·P° PiСҗPsC,PsPePsP»PsPj C,P° post hoc
P°PSP°P»C-P·C-, C¶PePëPMë PIPëPeP»СҗC±P°PI PiP°CfC-C”PSC,C-PI, C¶PeC-

PiPμC7PμPrC±P°CÍPSPs PiC7PëPiPëPSPëP»Pë PrPsCÍP»C-PrP¶CÍPIP°PSPμ
P»C-PeCÍPIP°PSPSC¶. P-PSPëP¶PμPSPSC¶ PiPμC7PIPëPSPSPsC— PeC-PSC†PμPIPsC—
C,PsC±PePë PiC7Pë P·P°CÍC,PsCÍCÍPIP°PSPSC- PsP»PjPμCÍP°C7C,P°PSCÍ
P·P°P»PëCëPëP»PsCÍC¶ PiC-CÍP»C¶ PePsC7PëPiCÍPIP°PSPSC¶ P·P°
PIC-PrPjC-PSPSPsCÍC,C¶PjPë PI P7Pÿ. PJ 8,2 % (CÍ 178 P· 2160) PiP°C†C-C”PSC,C-PI PiC7CÍPiPë
PsP»PjPμCÍP°C7C,P°PSCÍ C- CÍ 9,8 % (CÍ 210 P· 2139) PiP°C†C-C”PSC,C-PI PiC7CÍPiPë
PiP»P°C†PμP±Ps C7PsP·PIPëPSCÍP»P°CÍC¶ PjC-PeC7PsP°P»CHP±CÍPjC-PSCÍC7C-C¶.

PJ PIC,PsC7PëPSPSC-PNë PeC-PSC†PμPIC-PNë C,PsC±C†C- CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSC-
C¶PIPëC%°P° PIC-PrP·PSP°C±P°P»PëCÍC¶ CÍ 96 PiP°C†C-C”PSC,C-PI (4,3 %), C¶PeC-
PsC,C7PëPjCÍPIP°P»Pë PsP»PjPμCÍP°C7C,P°PS, C- CÍ 94 PiP°C†C-C”PSC,C-PI (4,2 %), C¶PeC-
PsC,C7PëPjCÍPIP°P»Pë PiP»P°C†PμP±Ps. P§P°CÍC,PsC,P° CÍPjPμC7C,PSPsCÍC,C- PIC-Pr
CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSPëC... P·P°C...PIPsC7C7PIP°PSC7 P±CÍP»P° PIPëC%°PsC7 PI
PiC7CÍPiC- PsP»PjPμCÍP°C7C,P°PSCÍ PiPsC7C-PIPsC¶PSPs P· PiC7CÍPiPsC7 PiP»P°C†PμP±Ps
(15 PiP°C†C-C”PSC,C-PI (0,7 %) C- 3 PiP°C†C-C”PSC,Pë (0,1 %)), PSPμP·PIP°P¶P°C7C±Pë PSP°
PiPsPrC-P±PSCÍ C±P°CÍC,PsC,CÍ PIPëPSPëPePSPμPSPSC¶ C-PSCÍCÍP»CHC,CÍ P±PμP·
P»PμC,P°P»CHPSPsPiPs PSP°CÍP»C-PrPeCÍ (14 PiP°C†C-C”PSC,C-PI (0,6 %) C- 8
PiP°C†C-C”PSC,C-PI (0,4 %)), C-PSC,,P°C7PeC,CÍ PjC-PsPeP°C7PrP° P±PμP·
P»PμC,P°P»CHPSPsPiPs PSP°CÍP»C-PrPeCÍ (17 PiP°C†C-C”PSC,C-PI (0,8 %) C- 26
PiP°C†C-C”PSC,C-PI (1,2 %)) C,P° CÍPjPμC7C,PSPsCÍC,C-, PSPμ PiPsPIb7™ C¶P·P°PSPsC— P·
CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSPëPjPë PiC7PëC±PëPSP°PjPë (11 PiP°C†C-C”PSC,C-PI (0,5 %) C-
12 PiP°C†C-C”PSC,C-PI (0,5 %)). P-P°PiP°P»CHPSP° CÍPjPμC7C,PSC-CÍC,CH CÍ PiC7CÍPiC-
PsP»PjPμCÍP°C7C,P°PSCÍ P±CÍP»P° PIPëC%°PsC7 (26 PiP°C†C-C”PSC,C-PI (1,2 %) C- 15
PiP°C†C-C”PSC,C-PI (0,7 %)), PiPsP»PsPIPsPëPj C±PëPSPsPj, P·P° C7P°C...CÍPSPsPe
PIPëC%°PsC— CÍPjPμC7C,PSPsCÍC,C- PIC-Pr CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSPëC...
PiC7PëC±PëPS.

PJ PrPsCÍP»C-PrP¶PμPSPSC- ORIENT (The Olmesartan Reducing Incidence of End-stage Renal
Disease in Diabetic Nephropathy Trial) PIPëPIC±P°P»Pë PIPiP»PëPI PsP»PjPμCÍP°C7C,P°PSCÍ PSP°
C7PμP·CÍP»CHC,P°C, PSPëC7PePsPIPëC... C- CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSPëC...
P·P°C...PIPsC7C7PIP°PSC7 CÍ 577 C7P°PSPPrPsPjC-P·PsPIP°PSPëC... PiP°C†C-C”PSC,C-PI PI
PiPiPsPSC-C— C- PI P7PëC,P°C— C-P· C†CÍPeC7PsPIPëPj PrC-P°P±PμC,PsPj 2 C,PëPiCÍ C-
PIPëC7P°P¶PμPSPsC7 PSPμC,,C7PsPiP°C,C-C”C7. PμC-Pr C±P°CÍ CÍPμC7PμPrPSC7PsPiPs
PiPμC7C-PsPrCÍ PIC-PrCÍC,PμP¶PμPSPSC¶ C,C7PëPIP°P»C-CÍC,C7 3,1 C7PsPeCÍ
PiP°C†C-C”PSC,Pë PsC,C7PëPjCÍPIP°P»Pë PsP»PjPμCÍP°C7C,P°PS P°P±Ps PiP»P°C†PμP±Ps PSP°
PrPsPrP°C,PsPe PrPs C-PSCëPëC... P°PSC,PëPiC-PiPμC7C,PμPSP·PëPIPsPëC... P·P°CÍPSP±C-PI,
PIPeP»C7C±P°C7C±Pë C-PSPiC-P±C-C,PsC7Pë P7PμPα.

PμPμC7PIPëPSPSP° PsP±b7™ C”PrPSP°PSP° PeC-PSC†PμPIP° C,PsC±PeP° (C±P°CÍ
PiPμC7CëPsC— PiPsC¶PIPë PiPsPrPIPsC”PSPSC¶ PiPsPeP°P·PSPëPeP°
CÍPëC7PsPIP°C,PePsPIPsPiPs PeC7PμP°C,PëPSC-PSCÍ, PSPëC7PePsPIPμ
P·P°C...PIPsC7C7PIP°PSPSC¶ PI C,PμC7PjC-PSP°P»CHPSC-PNë CÍC,P°PrC-C—, CÍPjPμC7C,CH
P· CÍCÍC-C... PiC7PëC±PëPS) P±CÍP»P° PrPsCÍC¶PiPSCÍC,P° CÍ 116 PiP°C†C-C”PSC,C-PI CÍ
PiC7CÍPiC- PsP»PjPμCÍP°C7C,P°PSCÍ (41,1 %) C- CÍ 129 PiP°C†C-C”PSC,C-PI, C¶PeC-
PsC,C7PëPjCÍPIP°P»Pë PiP»P°C†PμP±Ps (45,4 %) (HR 0,97 (95 % P”P† PIC-Pr 0,75 PrPs 1,24); p =
0,791). P·C,PsC7PëPSPSP° PsP±b7™ C”PrPSP°PSP° CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSP°
PeC-PSC†PμPIP° C,PsC±PeP° P±CÍP»P° PrPsCÍC¶PiPSCÍC,P° CÍ 40 PiP°C†C-C”PSC,C-PI, C¶PeC-
PsC,C7PëPjCÍPIP°P»Pë PsP»PjPμCÍP°C7C,P°PS (14,2 %), C- CÍ 53 PiP°C†C-C”PSC,C-PI, C¶PeC-
PsC,C7PëPjCÍPIP°P»Pë PiP»P°C†PμP±Ps (18,7 %). PiC¶ PsP±b7™ C”PrPSP°PSP°
CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSP° PeC-PSC†PμPIP° C,PsC±PeP° PIPeP»C7C±P°P»P°
CÍPjPμC7C,PSC-CÍC,CH PIC-Pr CÍPμC7C†PμPIPs-CÍCÍPrPëPSPSPëC...

P·P°C...PIPSCḤCḤPIP°PSCḤ Cr 10 (3,5 %) PiP°C†C-C"psc,c-pi, CḤPeC- PsC,CḤPḤPjCfPIP°P»PḤ
PsP»PjPμCfP°CḤC,P°PS, C- Cr 3 (1,1 %) PiP°C†C-C"psc,c-pi, CḤPeC- PsC,CḤPḤPjCfPIP°P»PḤ
PiP»P°C†PμP±Ps; P·P°PiP°P»CḤPSPḤPNḤ PiPsPeP°P·PSPḤPe CḤPjPμCḤC,PSPScfC,C-
PrPsCḤC-PIPSCḤPIP°PI 19 (6,7 %) C- 20 (7,0 %), C-PSCfCfP»CḤC, P±PμP·
P»PμC,P°P»CḤPSPsPiPs PSP°CfP»C-PrPeCf - 8 (2,8 %) C,P° 11 (3,9 %) C,P° C-PSC,,P°CḤPeC,
PjC-PsPeP°CḤPrP° P±PμP· P»PμC,P°P»CḤPSPsPiPs PSP°CfP»C-PrPeCf BḤ" 3 (1,1 %) C- 7 (2,5 %)
PIC-PrPiPsPIC-PrPSPs.

PḤPjP»PsPrPḤPiC-PS (PrC-CḤC†P° CḤPμC†PsPIPḤPSP° PḤC,C,PμPSC,Ps^{BḤ})

PḤPjP»PsPrPḤPiC-PS, C%Ps PIC...PsPrPḤC,CḤ PrPs CḤPeP»P°PrCf PiCḤPμPiP°CḤP°C,Cf
PḤC,C,PμPSC,Ps^{BḤ}, C" P±P»PsPeP°C,PsCḤPsPj PeP°P»CḤC†C-C"PIPḤC... PeP°PSP°P»C-PI C-
PiP°P»CḤPjCfC" C,CḤP°PSCfPjPμPjP±CḤP°PSPSPḤPNḤ PiPμCḤPμPSPScf C-PsPSC-PI
PeP°P»CḤC†C-CḤ C†PμCḤPμP· PiPsC,PμPSC†C-P°P»P·P°P»PμPḤPSC- PeP°PSP°P»PḤ L-C,PḤPiCf
PI CḤPμCḤC†C- C- PiP»P°PrPeC-PNḤ PjCfCḤPeCfP»P°C,CfCḤC-.
P·PeCḤPiPμCḤPḤPjPμPSC,P°P»CḤPSC- PrP°PSC- CḤPIC-PrC†P°C,CḤ, C%Ps
P°PjP»PsPrPḤPiC-PS PIP·P°C"pjsPrC-C" CḤPe P· PrC-P»CḤPSPeP°PjPḤ
P·PiBḤTM CḤP·CfPIP°PSPSCḤ PrPḤPiC-PrCḤPsPiC-CḤPḤPrPḤPSCf, C,P°Pe C- P· C-PSCḤPḤPjPḤ
PrC-P»CḤPSPeP°PjPḤ. PḤPjP»PsPrPḤPiC-PS PjP°C" PIC-PrPSPScfPSCf
PIP°P·PsCḤPμP»PμPeC,PḤPIPSC-CḤC,CḤ C- PSP°PNḤP±C-P»CḤCḤPμ PIPiP»PḤPIP°C" PSP°
PeP»C-C,PḤPSPḤ PiP»P°PrPePḤC... PjBḤTM CḤP·C-PI CḤCfPrPḤPS, PSC-PḤ PSP°
PeP°CḤPrC-PsPjC-PsC†PḤC,PḤ. P"C-PiPsC,PμPSP·PḤPIPSPḤPNḤ PμC,,PμPeC, P°PjP»PsPrPḤPiC-PSCf
P·CfPjPsPiP»PμPSPḤPNḤ PiCḤCḤPjPsCḤ CḤPsP·CḤP»P°P±P»CḤCḤC†PsCḤ PrC-C"Ḥ PSP°
PiP»P°PrPePsPjBḤTM CḤP·PsPIC- PeP»C-C,PḤPSPḤ P°CḤC,PμCḤC-PNḤ, C%Ps CḤPiCḤPḤCḤCḤC"
P·PjPμPSCḤPμPSPSCḤ PiPμCḤPḤC,,PμCḤPḤC†PSPsPiPs PsPiPsCḤCf CḤCfPrPḤPS C-, PsC,PḤPμ,
P·PSPḤPḤPμPSPSCḤ P°CḤC,PμCḤC-P°P»CḤPSPsPiPs C,PḤCḤPeCf.

PμCḤPḤ P°CḤC,PμCḤC-P°P»CḤPSC-PNḤ PiC-PiPμCḤC,PμPSP·C-C— P°PjP»PsPrPḤPiC-PS
PIPḤPeP»PḤPeP°C" C,CḤPḤPIP°P»Pμ P·PSPḤPḤPμPSPSCḤ P°CḤC,PμCḤC-P°P»CḤPSPsPiPs
C,PḤCḤPeCf, P·P°P»PμPḤPSPμ PIC-Pr PrPsP·PḤ. P PsP·PIPḤC,PeCf P°CḤC,PμCḤC-P°P»CḤPSPsC—
PiC-PiPsC,PμPSP·C-C— PiC-CḤP»CḤ PiCḤPḤPNḤPsPjCf PiPμCḤCḤPsC— PrPsP·PḤ, PsP·PSP°Pe
C,P°C...C-C,,C-P»P°PeCḤC-C— PiCḤPḤ C,CḤPḤPIP°P»PsPjCf P»C-PeCfPIP°PSPSC- P°P±Ps
CḤPμC†PḤPrPḤPICf P°CḤC,PμCḤC-P°P»CḤPSPsC— PiC-PiPμCḤC,PμPSP·C-C— PiC-CḤP»CḤ
PiCḤPḤPiPḤPSPμPSPSCḤ P»C-PeCfPIP°PSPSCḤ PSPμ PIC-PrP·PSP°C†P°P»PsCḤCḤ.

PμC-CḤP»CḤ PiCḤPḤPNḤPsPjCf PI C,PμCḤP°PiPμPIC,PḤC†PSPḤC... PrPsP·P°C... Cr
PiP°C†C-C"psc,c-pi P· P°CḤC,PμCḤC-P°P»CḤPSPsCḤ PiC-PiPμCḤC,PμPSP·C-C"Ḥ
P°PjP»PsPrPḤPiC-PS P·P°P±PμP·PiPμC†CfC" PμC,,PμPeC,PḤPIPSPμ P·PSPḤPḤPμPSPSCḤ
P°CḤC,PμCḤC-P°P»CḤPSPsPiPs C,PḤCḤPeCf PI PiPsP»PsPḤPμPSPSCḤC... PiP°C†C-C"psc,p°
P»PμPḤP°C†PḤ, CḤPḤPrCḤC†PḤ C- CḤC,PsCḤC†PḤ. PḤCḤPḤPIP°P»Pμ P·P°CḤC,PsCḤCfPIP°PSPSCḤ
P°PjP»PsPrPḤPiC-PSCf PSPμ PiPsPiBḤTM CḤP·P°PSPμ P· C-CḤC,PsC,PSPḤPjPḤ P·PjC-PSP°PjPḤ
C†P°CḤC,PsC,PḤ CḤPμCḤC†PμPIPḤC... CḤPePsCḤPsC†PμPSCḤ P°P±Ps CḤC-PIPSCḤ
PeP°C,PμC...PsP»P°PjC-PSC-PI Cr PiP»P°P·PjC-. Pj PiP°C†C-C"psc,c-pi P·
P°CḤC,PμCḤC-P°P»CḤPSPsCḤ PiC-PiPμCḤC,PμPSP·C-C"Ḥ C,P° PSPsCḤPjP°P»CḤPSPsCḤ
C,,CfPSPeC†C-C"Ḥ PSPḤCḤPsPe P°PjP»PsPrPḤPiC-PS PI C,PμCḤP°PiPμPIC,PḤC†PSPḤC...
PrPsP·P°C... P·PjPμPSCḤCfPIP°PI PsPiC-CḤ PSPḤCḤPePsPIPḤC... CḤCfPrPḤPS C-
PiC-PrPIPḤC%CrPIP°PI CḤPIPḤPrPeC-CḤC,CḤ PeP»CfP±PsC†PePsPIPsC—
C,,C-P»CḤC,CḤP°C†C-C— C,P° PμC,,PμPeC,PḤPIPSCf CḤPIPḤPrPeC-CḤC,CḤ PiPsC,PsPeCf
PiP»P°P·PjPḤ PI PSPḤCḤPeP°C..., PSPμ P·PjC-PSCḤCḤC†PḤ C,,C-P»CḤC,CḤP°C†C-PNḤPSPsC—
C,,CḤP°PeC†C-C— C- PSPμ PiCḤPsPiPsPeCfCḤC†PḤ CḤPsP·PIPḤC,PeCf
PiCḤPsC,PμC—PSCfCḤC-C—.

PJ PrPsCÍP»C-PrP¶PµPSPSCÍC... PiPµPjPsPrPëPSP°PjC-PePë Cr PíP°C†C-C"psc,C-PI C-P·
CÍPµCĤC†PµPIPSCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ, P° C,P°PePsP¶ Cr PeP»C-PSC-C†PSPëC...
PrPsCÍP»C-PrP¶PµPSPSCÍC... P·C- CÍC,CĤPµCÍ-C,PµCÍC,PsPj PíCĤPë CÍPµCĤC†PµPIC-PMë
PSPµPrPsCÍC,P°C,PSPsCÍC,C- (PeP»P°CÍPë IIbĤ"IV P·P° NYHA) P°PjP»PsPrPëPíC-PS PSPµ
PíPsPiC-CĤC€C†PIP°PI CÍC,P°PSC† C†C†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PµPSPSCÍC, C%oPs
PsC†C-PSCĤPIP°PICÍC† P·P° PiPµCĤPµPSPsCÍPëPjC-CÍC,CĤ PSP°PIP°PSC,P°P¶PµPSCĤ,
C,,CĤP°PeC†C-C"Ĥ PIPëPePëPrC† P»C-PIPsPiPs C€P»C†PSPsC†PeP°, P° C,P°PePsP¶ P·P°
PeP»C-PSC-C†PSPëPjPë PsP·PSP°PeP°PjPë C- CÍPëPjPíC,PsPjP°PjPë.

PJ PíP»P°C†PµP±Ps-PePsPSC,CĤPsP»CĤPsPIP°PSPsPjC† PrPsCÍP»C-PrP¶PµPSPSC- (PRAISE) P·P°
C†C†P°CÍC,CĤ PíP°C†C-C"psc,C-PI C-P· CÍPµCĤC†PµPIPSCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ
(PeP»P°CÍPë IIIbĤ"IV P·P° NYHA), C†PeC- PsC,CĤPëPjC†PIP°P»Pë PrPëPiPsPeCÍPëPS,
PrC-C†CĤPµC,PëPePë C,P° C-PSPiC-P±C-C,PsCĤPë PĥPµPα, P±C†P»Ps PíPsPeP°P·P°PSPs, C%oPs
P°PjP»PsPrPëPíC-PS PSPµ P·P±C-P»CĤC€C†C" CĤPëP·PëPeC† P»PµC,P°P»CĤPSPsPiPs
PSP°CÍP»C-PrPeC† P°P±Ps CĤPëP·PëPeC† P·P°C...PIPSCĤCĤPIP°PSPsCÍC,C- C,P°
CÍPjPµCĤC,PSPsCÍC,C- Cr PíP°C†C-C"psc,C-PI P· CÍPµCĤC†PµPIPSCĤ
PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ.

PJ PíPsPrP°P»CĤC€PsPjC† PrPsPIPiPsCÍC,CĤPsPePsPiPsPjC† PíP»P°C†PµP±Ps-
PePsPSC,CĤPsP»CĤPsPIP°PSPsPjC† PrPsCÍP»C-PrP¶PµPSPSC- (PRAISE-2)
P°PjP»PsPrPëPíC-PSC† P·P° C†C†P°CÍC,CĤ PíP°C†C-C"psc,C-PI C-P· CÍPµCĤC†PµPIPSCĤ
PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ (NYHA III C- IV) P±PµP· PeP»C-PSC-C†PSPëC...
CÍPëPjPíC,PsPjC-PI P°P±Ps PsP±bĤ™ C"PeC,PëPIPSPëC... PrP°PSPëC..., C†PeC- P±
CÍPIC-PrC†PëP»Pë PíCĤPs C-C€PµPjC-C†PSC† C...PIPsCĤPsP±C† CÍPµCĤC†C†, PíCĤPë
P»C-PeC†PIP°PSPSC- C-PSPiC-P±C-C,PsCĤP°PjPë PĥPµPα, PíCĤPµPíP°CĤP°C,P°PjPë
PSP°PíPµCĤCÍC,C†PSPePë C,P° PrC-C†CĤPµC,PëPeP°PjPë PI PíPsCÍC,C-PMëPSPëC... PrPsP·P°C...
P°PjP»PsPrPëPíC-PS PSPµ PIPíP»PëPIP°PI PSP° CÍPjPµCĤC,PSC-CÍC,CĤ P·P°PíP°P»PsPj C-
CÍPjPµCĤC,PSC-CÍC,CĤ Cr CĤPµP·C†P»CĤC,P°C,C- CÍPµCĤC†PµPIPSCÍC†PrPëPSPSPëC...
P·P°C...PIPsCĤCĤPIP°PSCĤ P·PsPeCĤPµPjP°. PJ C†C-PMë PiCĤC†PíC- PíP°C†C-C"psc,C-PI
PIC-PrP·PSP°C†P°P»PsCÍC† P·P±C-P»CĤC€PµPSPSCÍC PIPëPíP°PrPeC-PI CĤPsP·PIPëC,PeC†
PSP°P±CĤC†PeC† P»PµPiPµPSCĤ, PíPsPIbĤ™ C†P·P°PSPsPiPs P· PíCĤPëPMëPsPjPsPj
P°PjP»PsPrPëPíC-PSC†, PíCĤPsC,Pµ CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†C†C%oPëC...
PIC-PrPjC-PSPSPsCÍC,PµPMë C†P°CÍC,PsC,Pë PíPsCÍPëP»PµPSPSCÍC CÍPµCĤC†PµPIPSC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- PíPsCĤC-PIPSÍPSPs P· C,P°PePsCĤ PíCĤPë
P·P°CÍC,PsCÍC†PIP°PSPSC- PíP»P°C†PµP±Ps PSPµ CÍPíPsCÍC,PµCĤC-PIP°P»PsCÍC†.

PµCĤPsC,,C-P»P°PeC,PëC†PSP° C,PµCĤP°PíC-C† C-PSC,,P°CĤPeC,C† PjC-PsPeP°CĤPrP°
(ALLHAT)

P"»C† PíPsCĤC-PIPSÍPSPSCÍC PSPsPIPëC... PIPëPrC-PI P»C-PeP°CĤCÍCĤPePsC—
C,PµCĤP°PíC-C— P±C†P»Ps PíCĤPsPIPµPrPµPSPs PíPsPrPIC-PMëPSPs CÍP»C-PíPµ
CĤP°PSPPrPsPjC-P·PsPIP°PSPµ PrPsCÍP»C-PrP¶PµPSPSCÍC PIPíP»PëPIC† PSP°
P·P°C...PIPsCĤCĤPIP°PSC-CÍC,CĤ C,P° CÍPjPµCĤC,PSC-CÍC,CĤ PíC-Pr PSP°P·PIPsCĤ
B«PëPíCĤPsP±C†PIP°PSPSCÍC C%oPsPrPs P·P°CÍC,PsCÍC†PIP°PSPSCÍC
P°PSC,PëPíC-PíPµCĤC,PµPSP·PëPIPSPsC— C- P»C-PíC-PrPsP·PSPëP¶C†PIP°P»CĤPSPsC—
C,PµCĤP°PíC-C— PrP»C† PíCĤPsC,,C-P»P°PeC,PëPePë C-PSC,,P°CĤPeC,C† PjC-PsPeP°CĤPrP°B»
(ALLHAT): P°PjP»PsPrPëPíC-PS PI PrPsP·C- 2,5bĤ"10 PjPi/PrPsP±C† (P±P»PsPeP°C,PsCĤ
PeP°P»CĤC†C-C"PIPëC... PeP°PSP°P»C-PI) P°P±Ps P»C-P·PëPSPsPíCĤPëP» C† PrPsP·C- 10bĤ"40
PjPi/PrPsP±C† (C-PSPiC-P±C-C,PsCĤ PĥPµPα) C†Pe C,PµCĤP°PíC-C† PíPµCĤC€PsPiPs
PIPëP±PsCĤC† C- C,C-P°P·PëPrPSPëPMë PrC-C†CĤPµC,PëPe C...P»PsCĤC,P°P»C-PrPsPS PI
PrPsP·C- 12,5bĤ"25 PjPi/PrPsP±C† PíCĤPë PíC-PíPµCĤC,PµPSP·C-C— PIC-Pr P»PµPiPePsPiPs
PrPs PíPsPjC-CĤPSPsPiPs CÍC,C†PíPµPSCÍC.

P'CTC- 33357 PiPCTC-C" PSC,C-PI P. PCTC,PuCTC-P»CHPSPsCTH
PiC-PiPuCTC,PuPSP.C-C"CTH Cr PIC-CtC- PIC-Pr 55 CTsPeC-PI P±CrP»Pë
CTHP»PSPPrPsPjC-P.PsPIP°PSC- C- P.PSP°C...PsPrPëP»PëCTCtC PiC-Pr
CTPiPsCTC,PuCTHPuP¶PuPSPSCtPj PI CTPuCTHPuPrPSCHPsPjCr PiCTsPsC,CtPiPsPj 4,9 CTsPeCr.
PJ PiPCTC-C" PSC,C-PI P±CrPI CtPe PjC-PSC-PjCrPj PsPrPëPS PrPsPrP°C,PePsPIPëPnë
C,,P°PeC,PsCTH CTHPëP.PëPeCr CTsPsP.PIPëC,PeCr P†P†PŸ, PIPeP»CTC±P°CTC±Pë
PiPuCTHPuPSPuCTPuPSC- CTHP°PSC-CëPu C-PSC,,P°CTHPeC, PjC-PsPeP°CTHPrP° C±Pë
C-PSCtCrP»CHC, (P±C-P»CHCëPu 6 PjC-CTCtCtC-PI PiPuCTHPuPr PIC-PrP±PsCTsPsPj) P°P±Ps
PSP°CtPIPSC-CTC,CH C-PSCëPëC... PŸPŸP— P°C,PuCTHsCTPeP»PuCTHsC,PëC±PSPsPiPs
C...P°CTHP°PeC,PuCTHCr (PICtCHPsPiPs 51,5 %), CtCrPeCTHsPIPëPnë PrC-P°P±PuC, 2 C,PëPiCr
(36,1 %), CTH-PIPuPSCH P»PuP'P© BŸ" C...PsP»PuCTC,PuCTHPëPSCr < 35 PjPi/PrP» (11,6 %),
PiC-PiPuCTC,CTsPsC,,C-CTH P»C-PIPsPiPs CëP»CrPSPsC±PeP°, PrC-P°PiPSPsCTC,PsPIP°PSCr P.P°
PrPsPiPsPjPsPiPsCTH PuP»PuPeC,CTsPsPeP°CTHPrC-PsPiCTHP°C,,C-C— P°P±Ps
PuC...PsPeP°CTHPrC-PsPiCTHP°C,,C-C— (20,9 %), PeCrCTH-C-PSPSCt PI PrP°PSPëPnë C±P°CT (21,9
%).

PuPuCTHIPëPSPSPsCTH PeC-PSCtPuPIPsCTH C,PsC±PePsCTH PrPsCTP»C-PrP¶PuPSPSCt P±CrP»Ps
PiPsC"PrPSP°PSPSCt P†P†PŸ C-P. P»PuC,P°P»CHPSPëPj PSP°CTP»C-PrPePsPj P°P±Ps
C-PSC,,P°CTHPeC, PjC-PsPeP°CTHPrP° P±PuP. P»PuC,P°P»CHPSPsPiPs PSP°CTP»C-PrPeCr.
P—PSP°C±CrC%PëC... PIC-PrPjC-PSPSPsCTC,PuPnë C%PsPrPs PiPuCTHIPëPSPSPsC—
PeC-PSCtPuPIPsC— C,PsC±PePë PrPsCTP»C-PrP¶PuPSPSCt PjC-P¶ C,PuCTHP°PiC-C"CTH
P°PjP»PsPrPëPiC-PSPsPj C- C...P»PsCTH,C,P°P»C-PrPsPSPsPj PSPu P±CrP»Ps: PhP 0,98 95 % P"Pt
(0,90BŸ"1,07) CT = 0,65. P©Ps CTC,PsCTCrC"CT,CHCTCtC PIC,PsCTHPëPSPSPëC...
PeC-PSCtPuPIPëC... C,PsC±PsPe PrPsCTP»C-PrP¶PuPSPSCt, C±P°CTC,PsC,P° CTsPsP.PIPëC,PeCr
CTPuCTHtPuPIPsC— PSPuPrPsCTC,P°C,PSPsCTC,C- (PePsPjPiPsPSPuPSC,
PePsPjP±C-PSPsPIP°PSPsC— PeC-PSCtPuPIPsC— C,PsC±PePë CTPuCTHtPuPIPs-
CTCrPrPëPSPSPsPiPs P.P°C...PIPsCTHCTHIP°PSPSCt) P±CrP»P° P.PSP°C±PSPs PIPëC%PsCTH Cr
PiCTCrPiC- P°PjP»PsPrPëPiC-PSCr PiPsCTH-PIPSCtPSPs P. PiCTCrPiPsCTH
C...P»PsCTH,C,P°P»C-PrPsPSCr (10,2 % C- 7,7 %, PhP 1,38, 95 % P"Pt [1,25BŸ"1,52], p < 0,001).
PhPrPSP°Pe P.PSP°C±CrC%PëC... PIC-PrPjC-PSPSPsCTC,PuPnë C%PsPrPs
CTPjPuCTH,C,PSPsCTC,C- P. CrCTC-C... PiCTHPëC±PëPS PjC-P¶ C,PuCTHP°PiC-C"CTH
P°PjP»PsPrPëPiC-PSPsPj C- C...P»PsCTH,C,P°P»C-PrPsPSPsPj PSPu P±CrP»Ps (PhP 0,96, 95 % P"Pt
[0,89BŸ"1,02], p = 0,20).

P†PSCëP° C-PSC,,PsCTHPjP°CTC-CtC

PŸPiC-P»CHPSPu P.P°CTC,PsCTCrPIP°PSPSCt C-PSPiC-P±C-C,PsCTH-C-PI PhPuPα C,P°
P±P»PsPeP°C,PsCTH-C-PI CTHPuCTPuPiC,PsCTH-C-PI P°PSPiC-PsC,PuPSP.PëPSCr II P±CrP»Ps
PrPsCTP»C-PrP¶PuPSPs Cr PrPIPsC... CëPëCTHsPePsPjP°CTCëC,P°P±PSPëC...
CTHP»PSPPrPsPjC-P.PsPIP°PSPëC... PePsPSC,CTHsP»CHPsPIP°PSPëC...
PrPsCTP»C-PrP¶PuPSPSCtC... (ONTARGET (ONgoing Telmisartan Alone C- PI
PePsPjP±C-PSP°CtC-C— P. Ramipril Global Endpoint Trial) C- VA NEPHRON-D (The Veterans
Affairs Nephropathy in Diabetes)).

ONTARGET CtPIP»CtP»Ps CtPsP±PsCTH PrPsCTP»C-PrP¶PuPSPSCt, PiCTHsPiPuPrPuPSPu P.P°
CrC±P°CTC,CTH PiPCTC-C" PSC,C-PI C-P. CTPuCTHtPuPIPs-CTCrPrPëPSPSPëPj P°P±Ps
CtPuCTHPuP±CTHsPIP°CTPeCrP»CtCtPSPëPj P.P°C...PIPsCTHCTHIP°PSPSCtPj PI
P°PSP°PjPSPuP.C- P°P±Ps CtCrPeCTHsPIPëPj PrC-P°P±PuC,PsPj 2 C,PëPiCr, C%Ps
CTCrPiCTHsPiPsPrP¶CrC"CT,CHCTCtC PsP.PSP°PeP°PjPë CrCTHP°P¶PuPSPSCt PsCTHPiP°PSCr-
PjC-CëPuPSC-. VA NEPHRON-D CtPIP»CtP»Ps CtPsP±PsCTH PrPsCTP»C-PrP¶PuPSPSCt,
PiCTHsPiPuPrPuPSPu P.P° CrC±P°CTC,CTH PiPCTC-C" PSC,C-PI P. CtCrPeCTHsPIPëPj
PrC-P°P±PuC,PsPj 2 C,PëPiCr C,P° PrC-P°P±PuC,PëC±PSPsCTH PSPuC,,CTHsPiP°C,C-C"CTH. PiC-

PrPsCfP»C-PrP¶PµPSPSC¶ PSPµ PIPëC¶PIPëP»Pë P·PSP°C±PëPjPsPiPs
CfPìC¶PëC¶C¶C,P»PëPIPsPiPs PIPìP»PëPICr PSP° C¶PµP·CfP»C¶C,P°C, PSPëC¶PëPsPIPëC...
C,P°/P°P±Ps CfPµC¶C¶PµPIPs-CfCfPrPëPSPSPëC... P·P°C...PIPsC¶C¶PIP°PSC¶ C- PSP°
CfPjPµC¶C,PSC-CfC,C¶ PIC-Pr PSPëC..., C,PsPrC- C¶Pë Cí PìPsC¶C-PIPSC¶PSPSC- P·
PjPsPSPsC,PµC¶P°PìC-C"¶C¶ CfPìPsCfC,PµC¶C-PìP°PICfC¶ PìC-PrPIPëC%PµPSPëPNë
C¶PëP·PëPë C¶PsP·PIPëC,PeCf PìC-PìPµC¶PëP°P»C-C"¶PjC-C—, PìPsCfC,C¶PsPiPs
CfC¶P°P¶PµPSPSC¶ PSPëC¶PsPe C,P°/P°P±Ps PìC-PìPsC,PsPSC-C—. P-PIP°P¶P°C¶C±Pë PSP°
CfC...PsP¶C-CfC,C¶ C,,P°C¶PjP°PePsPrPëPSP°PjC-C±PSPëC... PIP»P°CfC,PëPIPsCfC,PµPNë,
CfC- C¶PµP·CfP»C¶C,P°C,Pë C,P°PePsP¶ P·P°CfC,PsCfPsPIPSC- PrP»C¶ C-PSCëPëC...
C-PSPiC-P±C-C,PsC¶C-PI P¶PµP¶ C,P° P±P»PsPeP°C,PsC¶C-PI C¶PµC¶PµPìC,PsC¶C-PI
P°PSPiC-PsC,PµPSP·PëPSCf II.

P¶PìC-P»C¶PSPµ P·P°CfC,PsCfCfPIP°PSPSC¶ C-PSPiC-P±C-C,PsC¶C-PI P¶PµP¶ C,P°
P±P»PsPeP°C,PsC¶C-PI C¶PµC¶PµPìC,PsC¶C-PI P°PSPiC-PsC,PµPSP·PëPSCf II
PìC¶PpsC,PëPìPsPeP°P·P°PSPs PìP°CfC-C"¶PSC,P°Pj P· PrC-P°P±PµC,PëC±PSPsC¶
PSPµC,,C¶PsPìP°C,C-C"¶C¶.

ALTITUDE (Aliskiren Trial in Type 2 Diabetes Using Cardiovascular and Renal Disease Endpoints)
C¶PIP»C¶P»Ps CfPsP±PsC¶ PrPsCfP»C-PrP¶PµPSPSC¶, PìC¶PsPIPµPrPµPSPµ PrP»C¶
PIPëC¶PIP»PµPSPSC¶ PìPsP·PëC,PëPIPsPsPiPs PµC,,PµPeC,Cf PIC-Pr PrPsPrP°PIP°PSPSC¶
P°P»C-CfPeC-C¶PµPSCf PrPs CfC,P°PSPPrP°C¶C,PsPsC— C,PµC¶P°PìC-C—
C-PSPiC-P±C-C,PsC¶P°PjPë P¶PµP¶ P°P±Ps P±P»PsPeP°C,PsC¶P°PjPë C¶PµC¶PµPìC,PsC¶C-PI
P°PSPiC-PsC,PµPSP·PëPSCf IIB PìP°CfC-C"¶PSC,P°Pj P· CfCfPeC¶PsPIPëPj PrC-P°P±PµC,PsPj 2
C,PëPìCf C,P° C...C¶PsPSC-C±PSPëPj P·P°C...PIPsC¶C¶PIP°PSPSC¶Pj PSPëC¶PsPe,
CfPµC¶C¶PµPIPs-CfCfPrPëPSPSPëPj P·P°C...PIPsC¶C¶PIP°PSPSC¶Pj P°P±Ps C,PëPj, C...C,Ps
PjP°C" PsP±PëPrPIP° P·P°C...PIPsC¶C¶PIP°PSPSC¶. PìPµ PrPsCfP»C-PrP¶PµPSPSC¶ P±CfP»Ps
PìC¶PëPìPëPSPµPSPs C¶P°PSC-CëPµ Cf P·PìP¶™ C¶P·PeCf P· PìC-PrPIPëC%PµPSPëPj
C¶PëP·PëPëPsPj PSPµP±P°P¶P°PSPëC... PSP°CfP»C-PrPeC-PI. P¶PjPµC¶C,PSC-CfC,C¶ PIC-Pr
CfPµC¶C¶PµPIPs-CfCfPrPëPSPSPëC... P·P°C...PIPsC¶C¶PIP°PSC¶ C- PIPëPìP°PrPePë
PIPëPSPëPePSPµPSPSC¶ C-PSCfCfP»C¶C,Cf P±CfP»Pë C±P°CfC,C-CëPëPjPë PI PìC¶CfPìC-,
C¶PëP° PìC¶PëPNëPjP°P»P° P°P»C-CfPeC-C¶PµPS, PSC-P¶ Cf PìC¶CfPìC-, C¶PëP°
PìC¶PëPNëPjP°P»P° PìP»P°CfPµP±Ps, P° PìPsPIC-PrPsPjP»PµPSPSC¶ PìC¶Ps PSPµP±P°P¶P°PSC-
C¶PIPëC%P° C- CfPµC¶PNëPsP·PSC- PSPµP±P°P¶P°PSC- C¶PIPëC%P°
(PìC-PìPµC¶PëP°P»C-C"¶PjC-C¶, P°C¶C,PµC¶C-P°P»C¶PSP° PìC-PìPsC,PµPSP·C-C¶ C-
PìPsC¶CfCëPµPSPSC¶ C,,CfPSPëCfC-C— PSPëC¶PsPe) P±CfP»Pë C±P°CfC,C-CëPëPjPë PI
PìC¶CfPìC-, C¶PëP° PìC¶PëPNëPjP°P»P° P°P»C-CfPeC-C¶PµPS, PSC-P¶ Cf PìC¶CfPìC-, C¶PëP°
PìC¶PëPNëPjP°P»P° PìP»P°CfPµP±Ps.

P¶P°C¶PjP°PePsPeC-PSPµC,PëPeP°.

PµC-CfP»C¶ PìPµC¶PsC¶P°P»C¶PSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶ P¶C,C,PµPSC,Ps^{B®}
PjP°PeCfPëPjP°P»C¶PSP° PePsPSCfPµPSC,C¶P°CfC-C¶ PsP»PjPµCfP°C¶C,P°PSCf
PjPµPrPsPeCfPsPjC-P»Cf C,P° P°PjP»PsPrPëPìC-PSCf Cf PìP»P°P·PjC- PeC¶PsPIC-
PrPsCfC¶PìP°C"¶C,C¶CfC¶ C±PµC¶PµP· 1,5¶¶"2 C,P° 6¶¶"8 PìPsPrPëPS PIC-PrPìPsPIC-PrPSPs.
PëPIPëPrPeC-CfC,C¶ C,P° CfC,CfPìC-PSC¶ PICfPjPsPeC,CfPIP°PSPSC¶ PrPIPsC...
PrC-C¶C±PëC... C¶PµC±PsPIPëPS PìC¶PµPìP°C¶P°C,Cf P¶C,C,PµPSC,Ps^{B®} PIC-PrPìPsPIC-PrP°C"
CëPIPëPrPePsCfC,C- C,P° PICfPjPsPeC,CfPIP°PSPSC¶ PìC¶Pë C—C... C¶PsP·PrC-P»C¶PSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC-. P'°C-PsPrPsCfC,CfPìPSC-CfC,C¶ PsP»PjPµCfP°C¶C,P°PSCf C,P°
P°PjP»PsPrPëPìC-PSCf Cf CfPeP»P°PrC- P»C-PeP°C¶CfC¶PëPsPiPs P·P°CfPsP±Cf
P¶C,C,PµPSC,Ps^{B®} PSPµ P·P°P»PµP¶PëC,C¶ PIC-Pr PìC¶PëPNëPsPjCf C—P¶C-.

P¶P»PjPµCfP°C¶C,P°PSCé PjPµPrPsPeCfPsPjC-P» (PrC-C¶C±P° C¶PµC±PsPIPëPSP°

$P_{\text{H}C,C,P_{\mu}PSC,P_s^{B^{\circ}}}$)

$P^{\circ}C_{\text{H}}P_{\text{J}}P_{\text{S}}P_{\text{e}C},C_{\text{r}}P_{\text{IP}}P_{\text{S}}P_{\text{S}C_{\text{I}}}$ C, P[°] C_HP_SP·P_iP_SPrC-P»

PhP»PjP_μC_IP[°]C_HC, P[°]PSC_r PjP_μPrPsPeC_IP_SPjC-P» B_H“ C_tP_μ P_iC_HP_SP»C-PeP_e. P[°]C-PS C_eP_iP_ePrP_ePs P_iP_μC_HP_μC, P_iP_SC_HC_HC”C, C_HC_IC_I C_r C,, P[°]C_HP_JP[°]PePsP»PsPiC-C_±PSPs P[°]PeC, P_eP_iPSP_ePN_e PjP_μC, P[°]P_±PsP»C-C, PsP»PjP_μC_IP[°]C_HC, P[°]PS P_iC-Pr PrC-C”C_H P_μC_IC, P_μC_HP[°]P· C_r C_IP»P_eP·PsPIC-PN_e PsP_±PsP»PsPSC_tC- PeP_eC_eP_μC_±PSP_ePeC_r C, P[°] PI P_iPsC_HC, P[°]P»C_HPSC-PN_e PeC_HP_SPIC- P_iC-Pr C_±P[°]C_I PIC_IP_JPsPeC, C_rP_{IP}[°]PSPSC_I C_r C, C_HP[°]P_iPSP_SPjC_r C, C_HP[°]PeC, C-. Pj P_iP»P[°]P·PjC- PeC_HP_SPIC- P[°]P_±Ps C_r P_iC_HP_SPrC_rPeC, P[°]C... P_iP_eP_iP_μPrP_μPSPSC_I PSP_μP_iP_μC_HP_μC, P_iP_SC_HP_μPSP_ePN_e PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r PjP_μPrPsPeC_IP_SPjC-P» P[°]P_±Ps P_±PsPePsP_iP_ePN_e P»P[°]PSC_tC_HP_i PjP_μPrPsPeC_IP_SPjC-P»C_HPSPsC— P_iC_HC_rP_iP_e PSP_μ P_iP_eC_IP_{IP}»C_IP»P_eC_IC_I. P_YP_μC_HP_μPrPSC_I P[°]P_±C_IPsP»C_HC, PSP[°] P_±C-PsPrPsC_IC, C_rP_iPSC-C_IC, C_H PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r C_r P_iP_eP_iP»C_IPrC- C, P[°]P_±P»P_μC, PsPe C_IC, P[°]PSPsP_iP_eP»P[°] 25,6 %.

P_YP_μC_HP_μPrPSC_I PjP[°]PeC_IP_ePjP[°]P»C_HPSP[°] PePsPSC_tP_μPSC, C_HP[°]C_tC-C_I (P_Y_{max}) PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r C_r P_iP»P[°]P·PjC- PeC_HP_SPIC- PrPsC_IC_IP_iP[°]C”C, C_HC_IC_I P_iC_HP_eP_±P»P_eP·PSPs C_±P_μC_HP_μP· 2 P_iPsPrP_ePSP_e P_iC-C_IP»C_I P_iP_μC_HP_SC_HP[°]P»C_HPSPsP_iPs P·P[°]C_IC, PsC_IC_rP_{IP}[°]PSPSC_I. P_μPsPSC_tP_μPSC, C_HP[°]C_tC-C_I PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r C_r P_iP»P[°]P·PjC- PeC_HP_SPIC- P·P_±C-P»C_HC_eC_rC”C, C_HC_IC_I P_iC_HP_eP_±P»P_eP·PSPs P»C-PSC-PN_ePSPs P·C- P·P_±C-P»C_HC_eP_μPSPSC_IPj PsPrPSPsC_HP[°]P·PsP_iPsC— PrPsP·P_e PrPs 80 PjPi.

P_±P[°] C_±P_ePSP_eC, C_H PjC-PSC-PjP[°]P»C_HPSC_r PrC-C_H PSP[°] P_±C-PsPrPsC_IC, C_rP_iPSC-C_IC, C_H PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r C, PsPjC_r PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r PjP_μPrPsPeC_IP_SPjC-P» PjPsP[°]PSP[°] P·P[°]C_IC, PsC_IPsPIC_rP_{IP}[°]C, P_e PSP_μP·P[°]P»P_μP[°]PSPs PIC-Pr C—C— P_iC_HP_ePN_ePsPjC_r.

P_μP»C-PSC-C_±PSPs P·PSP[°]C_±C_rC%PsC— C_HC-P·PSP_eC_tC- C_r C,, P[°]C_HP_JP[°]PePsPeC-PSP_μC, P_eC_tC- PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r P·P[°]P»P_μP[°]PSPs PIC-Pr C_IC, P[°]C, C- P_iP[°]C_tC-C”PSC, P[°] PSP_μ P_iP_eC_IP_{IP}»P_μPSPs. PhP»PjP_μC_IP[°]C_HC, P[°]PS P[°]PeC, P_eP_iPSPs P·P_iB_H[™] C_IP·C_rC”C, C_HC_IC_I P· P_±C-P»PeP[°]PjP_e PeC_HP_SPIC- (99,7 %), PsPrPSP[°]Pe C_HP_eP·P_ePe PeP»C-PSC-C_±PSPs P·PSP[°]C_±C_rC%PsC— PePsPSPeC_rC_HP_μPSC, PSPsC— P_iP·P[°]C”PjPsPrC-C— P· C-PSC_eP_ePjP_e P_iC_HP_μP_iP[°]C_HP[°]C, P[°]PjP_e, C%Ps P[°]PeC, P_eP_iPSPs P·P_iB_H[™] C_IP·C_rC_HC, C_HC_IC_I P· P_±C-P»PeP[°]PjP_e PeC_HP_SPIC-, PrPsC_IC, P[°]C, PSC_HPs PSP_eP·C_HPeP_ePN_e. P_μC-PrC, P_iP_μC_HPrP[°]P_μPSPSC_IPj C_tC_HPsPiPs C” PIC-PrC_IC_rC, PSC-C_IC, C_H C, P[°]PePsC— P_iP·P[°]C”PjPsPrC-C— PjC-P[°] PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r PjP_μPrPsPeC_IP_SPjC-P»PsPj C, P[°] P_iP[°]C_HC,, P[°]C_HP_ePSPsPj. PhP»PjP_μC_IP[°]C_HC, P[°]PS P·PSP[°]C_±PSPsC_H PjC-C_HPsC_H P·P_iB_H[™] C_IP·C_rC”C, C_HC_IC_I P· PeP»C-C, P_ePSP[°]PjP_e PeC_HP_SPIC-. P_YP_μC_HP_μPrPSC-PN_e PsP_±B_H[™] C”Pj C_HPsP·P_iPsPrC-P»C_r P_iC-C_IP»C_I P_iPSC_rC, C_HC-C_ePSCH_HPsP_iP_μPSPSPsPiPs P·P[°]C_IC, PsC_IC_rP_{IP}[°]PSPSC_I PSP_μP_iP_eC_IPsPeP_ePN_e (16B_H“29 P»).

$P_{\text{H}P_{\mu}C, P^{\circ}P_{\pm}PsP}C-P_{\cdot}P_{j} C, P^{\circ} P_{iP_{e}P_{iP_{\mu}PrP_{\mu}PSPSC_{I}}$

P—P[°]P_iP[°]P»C_HPSP_ePN_e P_iP»P[°]P·PjPsP_iP_ePN_e PeP»C-C_HP_μPSC_I PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r P·P[°]P·P_iP_eC_±P[°]PN_e C_IC, P[°]PSPsP_iP_eC, C_H 1,3 P»/PiPsPrP_ePSC_r (PePsP_μC,, C-C_tC-C”PSC, P_iP[°]C_HC-P[°]C_tC-C— 19 %) C- PIC-PrPSPsC_IPSPs PSP_μP_iP_μP»P_ePeP_ePN_e P_iPsC_HC-P_iPSC_IPSPs P· P_iP_μC_±C-PSPePsP_iP_ePj PeC_HP_SP_iPsC, PsPePsPj (P_iC_HP_eP_±P»P_eP·PSPs 90 P»/PiPsPrP_ePSC_r). P_μC-C_IP»C_I PsPrPSPsC_HP[°]P·PsP_iPsPiPs P_iP_μC_HP_SC_HP[°]P»C_HPSPsPiPs P·P[°]C_IC, PsC_IC_rP_{IP}[°]PSPSC_I PsP»PjP_μC_IP[°]C_HC, P[°]PSC_r PjP_μPrPsPeC_IP_SPjC-P»C_r, PjC-C_±P_μPSPsPiPs C-P·PsC, PsP_iPsPj ¹⁴P_Y, 10B_H“16 % C_HP[°]PrC-PsP[°]PeC, P_eP_iPSPsC— C_HP_μC_±PsP_iP_ePSP_e C_IP_iPsC_IC, P_μC_HC-P_iP[°]P»PsC_IC_I PI C_IP_μC_±C- (P_±C-P»C_HC_eP[°]

C#P°CГC, PëPSP° PiCГPsC, CИPiPsPj 24 PiPsPrPëPS PiC-ГP»CИ P·P°CГC, PsCГCГPIP°PSPSCИ), P° CГPµCεC, P° CГP°PrC-PsP°PeC, PëPIPSPsC— CГPµC#PsPIPëPSPë PIPëPIPsPrPëP»P°CГЧ C-P·PeP°P»PsPj. PkP° PsCГPSPsPIC- ГPëCГC, PµPjPSPsC— PrPsCГC, CГPiPSPsCГC, C-, C%Ps CГC, P°PSPsPIPëC, Ч 25,6 %, PjPsP¶PSP° CГPsP·CГP°C...CГPIP°C, Pë, C%Ps P°P±CГPsCГP±PsPIP°PSPëP№ PsP»PjPµCГP°CГC, P°PS PIPëPIPsPrPëC, ЧCГCГCИ CИPe PSPëCГPeP°PjPë (PiCГPëP±P»PëP·PSPs 40 %), C, P°Pe C- PiPµPiP°C, PsP±C-P»C-P°CГPSPsCГ CГPëCГC, PµPjPsCГ (PiCГPëP±P»PëP·PSPs 60 %). PjCГCИ PIPëCИPIP»PµPSP° CГP°PrC-PsP°PeC, PëPIPSC-ГC, Ч P±CГP»P° C-PrPµPSC, PëC, C-PePsPIP°PSP° CИPe PsP»PjPµCГP°CГC, P°PS. P†PSCεPëC... P·PSP°C#CГC%PëC... PjPµC, P°P±PsP»C-C, C-PI P·PSP°P№PrPµPSPs PSPµ P±CГP»Ps. PъPëCεPePsPIPs-PiPµC#C-PSPePsPIP° CГPµC†PëCГPeCГP»CИC†C-CИ PsP»PjPµCГP°CГC, P°PSCГ PjC-PSC-PjP°P»ЧPSP°. PkCГPeC-P»ЧPPePë P±C-P»ЧCεP° C#P°CГC, PëPSP° PsP»PjPµCГP°CГC, P°PSCГ PIPëPIPsPrPëC, ЧCГCГCИ P· P¶PsPIC#CГ, C, Ps P№PsPiPs P·P°CГC, PsCГCГPIP°PSPSCИ C...PIPsCГPëPj C-P· P±C-P»C-P°CГPSPsCГ PsP±CГC, CГCГPeC†C-C”CГ PiCГPsC, PëPiPsPeP°P·P°PSPs (PrPëPI. CГPsP·PrC-P» B«PµCГPsC, PëPiPsPeP°P·P°PSPSCИB»).

PÿPµCГPjC-PSP°P»ЧPSPëP№ PiPµCГC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCИ PsP»PjPµCГP°CГC, P°PSCГ PiC-ГP»CИ P±P°PiP°C, PsCГP°P·PsPIPsPiPs PiPµCГPsCГP°P»ЧPSPsPiPs P·P°CГC, PsCГCГPIP°PSPSCИ PePsP»PëPIP°C”C, ЧCГCГCИ PIC-Pr 10 PrPs 15 PiPsPrPëPS. PÿC, P°PS CГC-PIPSsPIP°PiPë PrPsCГCИPiP°C”C, ЧCГCГCИ PiC-ГP»CИ PiPµCГCεPëC... PeC-P»ЧPPePsC... PrPsP·, P° PiC-ГP»CИ 14 PrC-P± P±P°PiP°C, PsCГP°P·PsPIPsPiPs P·P°CГC, PsCГCГPIP°PSPSCИ PiPsPrP°P»ЧCεPsC— PeCГPjCГP»CИC†C-C— PSPµ CГPiPsCГC, PµCГC-PiP°C”C, ЧCГCГCИ. PkPëCГPePsPIPëP№ PeP»C-CГPµPSCГ CГC, P°PSPsPIPëPI PiCГPëP±P»PëP·PSPs 0,5B”0,7 P»/PiPsPrPëPSCГ C, P° PSPµ P·P°P»PµP¶P°PI PIC-Pr PrPsP·Pë PiCГPµPiP°CГP°C, CГ.

P·P°C”PjPsPrC-CИ P»C-PeP°CГCГЧPëPëC... P·P°CГPsP±C-PI

P>C-PeP°CГCГЧPëPëP№ P·P°CГC-P± PePsP»PµCГPµPIPµP»P°Pj, C%Ps P·PIBГ™ CИP·CГC” P¶PsPIC#PSC- PePëCГP»PsC, Pë

PÿPiC-P»ЧPSPëP№ PiCГPëP№PsPj 40 PjPi PsP»PjPµCГP°CГC, P°PSCГ PjPµPrPsPeCГPsPjC-P»CГ C- 3750 PjPi PePsP»PµCГPµPIPµP»P°PjCГ PiC-PrCГPsC...P»PsCГPëPrCГ CГ P·PrPsCГPsPIPëC... PrPsP±CГPsPIPsP»ЧC†C-PI PiCГPëP·PIPsPrPëPI PrPs P·PSPëP¶PµPSPSCИ C_{max} PSP° 28 % C- PrPs P·PSPëP¶PµPSPSCИ AUC PSP° 39 % PrP»CИ PsP»PjPµCГP°CГC, P°PSCГ. PъPµPSCεPëP№ PIPiP»PëPI, P·PSPëP¶PµPSPSCИ C_{max} C- AUC PSP° 4 % C- 15 % PIC-PrPiPsPIC-PrPSPs, CГPiPsCГC, PµCГC-PiP°PICГCИ, PePsP»Pë PsP»PjPµCГP°CГC, P°PSCГ PjPµPrPsPeCГPsPjC-P» PiCГPëP·PSP°C#P°P»Pë P·P° 4 PiPsPrPëPSPë PrPs PiCГPëP№PsPjCГ PePsP»PµCГPµPIPµP»P°PjCГ PiC-PrCГPsC...P»PsCГPëPrCГ. P§P°CГ PSP°PiC-PIPIPëPIPµPrPµPSPSCИ PsP»PjPµCГP°CГC, P°PSCГ P·PSPëP¶CГPIP°PICГCИ PSP° 50B”52 % PSPµP·P°P»PµP¶PSPs PIC-Pr C, PsPiPs, PiCГPëP·PSP°C#P°P»PëCГCИB PiCГPµPiP°CГP°C, Pë CГPiC-P»ЧPSPs C#Pë PiCГPëP№PsPj PsP»PjPµCГP°CГC, P°PSCГ PIC-PrP±CГPIP°PICГCИ P·P° 4 PiPsPrPëPSPë PrPs PiCГPëP№PsPjCГ PePsP»PµCГPµPIPµP»P°PjCГ PiC-PrCГPsC...P»PsCГPëPrCГ (PrPëPI. CГPsP·PrC-P» B«P·P°C”PjPsPrC-CИ P· C-PSCεPëPjPë P»C-PeP°CГCГЧPëPëPjPë P·P°CГPsP±P°PjPë C, P° C-PSCεC- PIPëPrPë PIP·P°C”PjPsPrC-P№B»).

PђPjP»PsPrPëPiC-PS (PrC-ЧC#P° CГPµC#PsPIPëPSP° PђC, C, PµPSC, Ps^{B®})

P·CГPjPsPeC, CГPIP°PSPSCИ C, P° CГPsP·PiPsPrC-P»

PµC-ГP»CИ PiPµCГPsCГP°P»ЧPSPsPiPs P·P°CГC, PsCГCГPIP°PSPSCИ CГ C, PµCГP°PiPµPIC, PëC#PSPëC... PrPsP·P°C... P°PjP»PsPrPëPiC-PS PrPsP±CГPµ

PICÍPjPsPeC,CrC”C,CHCÍCÍ C-P. PrPsCÍCÍPiPSPµPSPSCÍPj PiC-PePsPIPsC—
PePsPSC†PµPSC,CĤP°C†C-C— Cr PeCĤPsPIC- C†PµCĤPµP. 6BĤ”12 PiPsPrPëPS PiC-CÍP»CÍ
PiCĤPëPNëPsPjCr. PhP±CÍPsP»CĤC,PSP° P±C-PsPrPsCÍC,CrPiPSC-CÍC,CH
PSPµP·PjC-PSPµPSPsC— CÍPiPsP»CrPePë CÍC,P°PSPsPIPëC,CH PiCĤPëP±P»PëP·PSPs 64BĤ”80
%. PhP±BĤ™C”Pj CĤPsP·PiPsPrC-P»Cr CÍC,P°PSPsPIPëC,CH PiCĤPëP±P»PëP·PSPs 21 P»/PePi.
P”PsCÍP»C-PrP¶PµPSPSCÍ in vitro PiPsPeP°P·P°P»Pë, C%Ps PjP°PNëP¶Pµ 97,5 %
C†PëCĤPeCrP»CĤCĤC†PsPiPs P°PjP»PsPrPëPiC-PSCr P·PiBĤ™ CÍP·CrCĤC,CHCÍCÍ P·
PiCĤPsC,PµC—PSP°PjPë PiP»P°P·PjPë. PµCĤPëPNëPsPj C—P¶C- PSP° PiCĤPsC†PµCÍ
PICÍPjPsPeC,CrPIP°PSPSCÍ P°PjP»PsPrPëPiC-PSCr PSPµ PIPiP»PëPIP°C”.

PĤPµC,P°P±PsP»C-P·Pj C,P° PIPëPIPµPrPµPSPSCÍ

PµPµCĤC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCÍ P· PiP»P°P·PjPë PeCĤPsPIC-
PePsP»PëPIP°C”C,CHCÍCÍ PIC-Pr 35 PrPs 50 PiPsPrPëPS C- P·P°P»PëC€P°C”C,CHCÍCÍ
PSPµP·PjC-PSPµPSPëPj PiCĤPë C%PsPrPµPSPSPsPjCr PsPrPSPsPeCĤP°C,PSPsPjCr
P·P°CÍC,PsCÍCrPIP°PSPSC-. PhPjP»PsPrPëPiC-PS P·PSP°C†PSPsCĤ PjC-CĤPsCĤ
PjPµC,P°P±PsP»C-P·CrC”C,CHCÍCÍ P· CrC,PIPsCĤPµPSPSCÍPj PSPµP°PeC,PëPIPSPëC...
PjPµC,P°P±PsP»C-C,PI. P’P»PëP·CHPePs 60 % PiCĤPëPNëPSCÍC,PsC— PrPsP·Pë
PIPëIPsPrPëC,CHCÍCÍ C-P. CÍPµC†PµCĤ, P· PSPëC... 10 % BĤ” Cr PSPµP·PjC-PSPµPSPsPjCr
PIPëPiP»CÍPrC-.

*PhP»PjPµCÍP°CĤC,P°PSCz PjPµPrPsPeCÍPsPjC-P» C,P° P°PjP»PsPrPëPiC-PS (PrC-CĤC†C-
CĤPµC†PsPIPëPSPë PhC,C,PµPSC,Ps^{B®})*

PhPeCĤPµPjC- PiCĤCrPiPë PiP°C†C-C”PSC,C-PI

P”C-C,Pë (PIC-PePsPj PrPs 18 CĤPsPeC-PI)

P”P°PSPëC... PiCĤPs C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCr Cr PrC-C,PµPNë PSPµPjP°C”.

PÍPIPsCĤC- P»C-C,PSCHPsPiPs PIC-PeCz (PIC-PePsPj 65 CĤPsPeC-PI C- CÍC,P°CĤC€Pµ)

P”PsPIPµPrPµPSPs, C%Ps PiCĤPë P°CĤC,PµCĤC-P°P»CHPSC-PNë PiC-PiPµCĤC,PµPSP·C-C—
AUC (PiP»PsC%P° PiC-Pr PeCĤPëPIPsCĤ B«PePsPSC†PµPSC,CĤP°C†C-CÍ-C†P°CÍB»)
PsP»PjPµCÍP°CĤC,P°PSCr Cr CÍC,P°PrC-C— CĤC-PIPsPPIP°PiPë Cr C...PIPsCĤPëC...
P»C-C,PSCHPsPiPs (65BĤ”75 CĤPsPeC-PI) C,P° CÍC,P°CĤPµC†PsPiPs PIC-PeCr (PIC-PePsPj
PIC-Pr 75 CĤPsPeC-PI) P±C-P»CHC€P° PSP° 35 % C,P° PiCĤPëP±P»PëP·PSPs PSP° 44 %
PIC-PrPiPsPIC-PrPSPs PiPsCĤC-PIPsCÍPSPs P· P±C-P»CHC€ PjPsP»PsPrPëPjPë
PiP°C†C-C”PSC,P°PjPë (PrPëPI. CĤPsP·PrC-P» B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCrPIP°PSPSCÍ
C,P° PrPsP·PëB»). PiPµ PjPsP¶PSP° PiPsCÍCÍPSPëC,Pë PSP°CÍPIPsC-CÍC,CĤ
PSPëCĤPePsPIPsC— PSPµPrPsCÍC,P°C,PSPsCÍC,C- PiPsPjC-CĤPSPsPiPs CÍC,CrPiPµPSCÍ
C,CÍP¶PePsCÍC,C- Cr C,P°PePëC... C...PIPsCĤPëC... PhPrPSP°Pe PrP»CÍ C...PIPsCĤPëC...
P»C-C,PSCHPsPiPs PIC-PeCr CĤPµPePsPjPµPSPPrCrC”C,CHCÍCÍ C,PsPNë CÍP°PjPëPNë
CĤPµP¶PëPj PrPsP·CrPIP°PSPSCÍ, C%Ps PNë PrP»CÍ C-PSC€PëC... PiP°C†C-C”PSC,C-PI, P°P»Pµ
PiCĤPë C†CHPsPjCr CĤPµPePsPjPµPSPPrCrC”C,CHCÍCÍ P· PsP±PµCĤPµP¶PSC-CÍC,CĤ
PiC-PrPIPëC%CrPIP°C,Pë PrPsP·Cr PiCĤPµPiP°CĤP°C,Cr.

PŞP°CÍ PrPsCÍCÍPiPSPµPSPSCÍ PjP°PeCÍPëPjP°P»CHPSPsC—B PePsPSC†PµPSC,CĤP°C†C-C—
P°PjP»PsPrPëPiC-PSCr Cr PiP»P°P·PjC- PeCĤPsPIC- C...PIPsCĤPëC... P»C-C,PSCHPsPiPs
PIC-PeCr C,P° Cr PjPsP»PsPrPëC... PiP°C†C-C”PSC,C-PI PsPrPSP°PePsPIPëPNë. PJ C...PIPsCĤPëC...
P»C-C,PSCHPsPiPs PIC-PeCr CÍPiPsCÍC,PµCĤC-PiP°C”C,CHCÍCÍ C,PµPSPPrPµPSC†C-CÍ PrPs
P·PjPµPSC€PµPSPSCÍ PeP»C-CĤPµPSCÍCr P°PjP»PsPrPëPiC-PSCr, C%Ps

PiC7P8P·PIPsPrP8C,CH PrPs PiC-PrPIP8C%oPµPSPSCU AUC C,P° C,C7P8PIP°P»PsC7C,C-
PiµC7C-PsPrCr PSP°PiC-PIPIP8PIPµPrPµPSPSCU. PµC-PrPIP8C%oPµPSPSCU AUC C,P°
C,C7P8PIP°P»C-C7C,CH PiµC7C-PsPrCr PSP°PiC-PIPIP8PIPµPrPµPSPSCU Cr C...PIPsC7P8C...
C-P·P·P°C7C,C-PN8PSPsC7 C7PµC7C7PµPIPsC7 PSPµPrPsC7C,P°C,PSC-C7C,CH
PIC-PrPiPsPIC-PrP°P»P8 PiC7PsPiPSPsP·P°Pj C7C,PsC7PsPIPSPs C...PIPsC7P8C... C7C-C7C—
PIC-PePsIPsC— PiC7C7PiP8 (PrP8PI. C7PsP·PrC-P» B«PhC7PsP±P»P8PIP8C7C,C-
P·P°C7C,PsC7C7PIP°PSPSCUB»).

PµPsC7C7C7PµPSPSCU C,,C7PSPeC7C-C— PSP8C7PsPe

Pj C...PIPsC7P8C... C-P· PiPsC7C7C7PµPSPSCUj C,,C7PSPeC7C-C— PSP8C7PsPe AUC Cr
C7C,P°PSC- C7C-PIPSPsPIP°PiP8 P±C7P»P° P±C-P»CHC7PsC7 PiC7P8P±P»P8P·PSPs PSP° 62 %,
82 % C,P° 179 % Cr PIP8PiP°PrPeCr P»PµPiPePsPiPs, PiPsPjC-C7PSPsPiPs C,P° C,C7PµPePsPiPs
PiPsC7C7C7PµPSPSCU PIC-PrPiPsPIC-PrPSPs PiPsC7C-PIPSCUjPSPs P·C- P·PrPsC7PsPIP8PjP8
PrPsP±C7PsIPsP»CHC7C7PjP8 (PrP8PI. C7PsP·PrC-P»P8 B«P7PiPsC7C-P±
P·P°C7C,PsC7C7PIP°PSPSCU C,P° PrPsP·P8B», B«PhC7PsP±P»P8PIP8C7C,C-
P·P°C7C,PsC7C7PIP°PSPSCUB»).

PhPjP»PsPrP8PiC-PS P·PSP°C7PSPsC7 PjC-C7PsC7 PjµC,P°P±PsP»C-P·C7C7C,CHC7C7C7 PrPs
PSPµP°PeC,P8PIPSP8C... PjµC,P°P±PsP»C-C,C-PI. 10 % C7PµC7PsPIP8PSP8
PIP8IPsPrP8C,CHC7C7C7 C-P· C7PµC7PµC7 Cr PSPµP·PjC-PSPµPSPsPjC7 C7C,P°PSC-.
P—PjC-PSP° PePsPSC7PµPSC,C7P°C7C-C— P°PjP»PsPrP8PiC-PSC7 Cr PiP»P°P·PjC- PeC7PsPIC-
PSPµ PePsC7PµP»CHC7C,CHC7C7C7 P·C- C7C,C7PiµPSPµPj PiPsC7C7C7PµPSPSCU
C,,C7PSPeC7C-C— PSP8C7PsPe. P7P°PeP8Pj C...PIPsC7P8Pj P°PjP»PsPrP8PiC-PS PjPsPµPSP°
PiC7P8P·PSP°C7P°C,P8 Cr P·PIP8C7P°PN8PSP8C... PrPsP·P°C... PhPjP»PsPrP8PiC-PS PSPµ
PIP8IPsPrP8C,CHC7C7C7 P·P° PrPsPiPsPjPsPiPsC7 PiµPjPsPrC-P°P»C-P·C7.

PµPsC7C7C7PµPSPSCU C,,C7PSPeC7C-C— PiµC7C-PSPeP8

PµC-C7P»C7C PsPrPSPsC7P°P·PsPIP8PiPs PiµC7PsC7P°P»CHPSPsPiPs
P·P°C7C,PsC7C7PIP°PSPSCU P·PSP°C7PµPSPSCU AUC PsP»PjµC7P°C7C,P°PSC7 P±C7P»P8 PSP°
6 % C,P° PSP°

65 % PIP8C%oP8PjP8 Cr C...PIPsC7P8C... C-P· PiPsC7C7C7PµPSPSCUjP8 C,,C7PSPeC7C-C—
PiµC7C-PSPeP8 P»PµPiPePsPiPs P°P±Ps PiPsPjC-C7PSPsPiPs C7C,C7PiµPSCU
PIC-PrPiPsPIC-PrPSPs PiPsC7C-PIPSCUjPSPs P·C- P·PrPsC7PsPIP8PjP8
PrPsP±C7PsIPsP»CHC7C7PjP8. PkPµP·PiB7™ C7P·P°PSP° C,,C7P°PeC7C-C7C
PsP»PjµC7P°C7C,P°PSC7 C7PµC7PµP· 2 PiPsPrP8PSP8 PiC-C7P»C7C
P·P°C7C,PsC7C7PIP°PSPSCU Cr P·PrPsC7PsPIP8C... PrPsP±C7PsIPsP»CHC7C-PI, Cr
C...PIPsC7P8C... P· P»PµPiPeP8Pj P°P±Ps PiPsPjC-C7PSP8Pj PiPsC7C7C7PµPSPSCUj
C,,C7PSPeC7C-C— PiµC7C-PSPeP8 C7C,P°PSPsPIP8P»P° 0,26 %, 0,34 % C,P° 0,41 %
PIC-PrPiPsPIC-PrPSPs. PµC7P8 P±P°PiP°C,PsC7P°P·PsPIP8PjC7 P·P°C7C,PsC7C7PIP°PSPSC-
C7PµC7PµPrPSCU AUC PsP»PjµC7P°C7C,P°PSC7 Cr C...PIPsC7P8C... P·
PiPsC7C7C7PµPSPSCUj C,,C7PSPeC7C-C— PiµC7C-PSPeP8 PiPsPjC-C7PSPsPiPs
C7C,C7PiµPSCU C,C7PµPePsC7C,C- P±C7P»P° PSP° 65 % PIP8C%oPsC7, PSC-P7 Cr
P·PrPsC7PsPIP8C... PrPsP±C7PsIPsP»CHC7C-PI. P7PµC7PµPrPSC7 P·PSP°C7PµPSPSCU P7_{max}
PsP»PjµC7P°C7C,P°PSC7 Cr C...PIPsC7P8C... P· PiPsC7C7C7PµPSPSCUj C,,C7PSPeC7C-C—
PiµC7C-PSPeP8 C,P° P·PrPsC7PsPIP8C... PrPsP±C7PsIPsP»CHC7C-PI P±C7P»P8
PiPsPrC-P±PSC-. PhP»PjµC7P°C7C,P°PSC7 PjµPrPsPeC7PsPjC-P» PSPµ PsC7C-PSC7PIP°P»P8
Cr C...PIPsC7P8C... P· C,C7PµPeP8Pj PiPsC7C7C7PµPSPSCUj C,,C7PSPeC7C-C— PiµC7C-PSPeP8
(PrP8PI. C7PsP·PrC-P»P8 B«P7PiPsC7C-P± P·P°C7C,PsC7C7PIP°PSPSCU C,P° PrPsP·P8B»,
B«PhC7PsP±P»P8PIP8C7C,C- P·P°C7C,PsC7C7PIP°PSPSCUB»).

P"PsCfC,CrPiPSC- P»PëC€Pµ PrCrP¶Pµ PsP±PjPµP¶PµPSC- PeP»C-PSC-C±PSC- PrP°PSC-
CfC,PsCfPsPIPSPs P·P°CfC,PsCfCrPIP°PSPSC¶ P°PjP»PsPrPëPiC-PSCr C...PIPsC¶PëPj C-P·
C,C¶P¶PePëPjPë PiPsC¶CfC€PµPSPSC¶PjPë C,,CfPSPeC†C-PNë PiPµC±C-PSPePë. PJ
C...PIPsC¶PëC... P· PiPsC¶CfC€PµPSPSC¶Pj C,,CfPSPeC†C-C— PiPµC±C-PSPePë
CfPiPsCfC,PµC¶C-PiP°"C,ChCfC¶ P·PSPëP¶PµPSPSC¶ PeP»C-C¶PµPSCfCf
P°PjP»PsPrPëPiC-PSCr C,P° PiPsPrPsPIP¶PµPSPSC¶ PiPµC¶C-PsPrCr
PSP°PiC-PIPIPëPIPµPrPµPSPSC¶, C%Ps PiC¶PëP·PIPsPrPëC,Ch PrPs P·P±C-P»ChC€PµPSPSC¶
AUC PiC¶PëP±P»PëP·PSPs PSP° 40B¶"60 % (PrPëPI. C¶PsP·PrC-P»Pë B«PÿPiPsCfC-P±
P·P°CfC,PsCfCrPIP°PSPSC¶ C,P° PrPsP·PëB», B«PhCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCrPIP°PSPSC¶B»).

P"PsPeP»C-PSC-C±PSC- PrP°PSC- P· P±PµP·PiPµPePë

P— PsPiP»C¶PrCr PSP° PrPsPeP»C-PSC-C±PSPëPNë PiC¶PsC,,C-P»Ch C,PsPeCfPëC±PSPsCfC,C-
PePsP¶PSPsC— PrC-C¶C±PsC— C¶PµC±PsPIPëPSPë PiC-PrPIPëC%PµPSPSC¶
C,PsPeCfPëC±PSPsCfC,C- PrP»C¶ PePsPjP±C-PSPsPIP°PSPsPiPs PiC¶PµPiP°C¶P°C,Cf PSPµ
PsC±C-PeCfC" C,ChCfC¶, PsCfPeC-P»ChPePë C†C- C¶PµC±PsPIPëPSPë PIPiP»PëPIP°C¶C,Ch
PSP° C¶C-P·PSC- PsC¶PiP°PSPë: PsP»PjPµCfP°C¶C,P°PSCr PjPµPrPsPeCfPsPjC-P» PrC-C" PSP°
PSPëC¶PePë, P° P°PjP»PsPrPëPiC-PS - PSP° CfPµC¶C†Pµ.

PJ 3-PjC-CfC¶C±PSPsPjCr PrPsCfP»C-PrP¶PµPSPSC- C,PsPeCfPëC±PSPsCfC,C-
PePsPjP±C-PSPsPIP°PSPsPiPs PiC¶PµPiP°C¶P°C,Cf PsP»PjPµCfP°C¶C,P°PSCr
PjPµPrPsPeCfPsPjC-P»Cr/ P°PjP»PsPrPëPiC-PSCr PSP° C%CrC¶P°C... PiC¶Pë
P±P°PiP°C,PsC¶P°P·PsPIPsPjCr PiC¶PëPNëPsPjC- PICfPµC¶PµPrPëPSCr P±CfP»Pë
PIC-PrP·PSP°C±PµPSC- C,P°PeC- P·PjC-PSPë: P·PSPëP¶PµPSPSC¶
PµC¶PëC,C¶PsC†PëC,P°C¶PSPëC... PiP°C¶P°PjPµC,C¶C-PI C- P·PjC-PSPë PI PSPëC¶PeP°C...
(PsP±PëPrPIP° C†C- PµC,,PµPeC,Pë PjPsP¶CfC,Ch P±CfC,Pë PIPëPeP»PëPeP°PSC-
PsP»PjPµCfP°C¶C,P°PSCr PjPµPrPsPeCfPsPjC-P»PsPj), P·PjC-PSPë PI PePëC€PµC±PSPëPeCf
(P·P±C-P»ChC€PµPSPSC¶ PiC¶PsCfPIC-C,Cf C- PrPëC,,CfP·PSPµ PiPsC,PsPIC%PµPSPSC¶
CfP»PëP·PsPIPsC— PsP±PsP»PsSPePë PeP»CfP±PsPIPsC— C,P° PsP±PsPrPsPIPsC—
PePëC€PePë), PSP°PrPSPëC¶PePsPIPëC... P·P°P»PsP· (PiC-PiPµC¶C,C¶PsC,,C-C¶ PeP»C-C,PëPS
PeP»CfP±PsC±PePsPIPsC— P·PsPSPë PePsC¶Pë C- PIP°PeCfPsP»C-P·P°C†C-C¶ PeP»C-C,PëPS
PiCfC±PePsPIPsC— P·PsPSPë), P° C,P°PePsP¶ PiC-PiPµC¶C,C¶PsC,,C-C¶ PiC¶PsC,PsPe
PjPsP»PsC±PSPëC... P·P°P»PsP·, C¶PeP° PjPsP¶Pµ P±CfC,Pë PIPëPeP»PëPeP°PSP°
P°PjP»PsPrPëPiC-PSPsPj. PjC- P·PjC-PSPë PSPµ PrPsPiPsPIPSC¶C¶C,Ch C¶P°PSC-C€Pµ
PsC,C¶PëPjP°PSC- PrP°PSC- PiC¶Ps C,PsPeCfPëC±PSC-CfC,Ch PsPeC¶PµPjPëC...
PePsPjPiPsPSPµPSC,C-PI PiC¶PµPiP°C¶P°C,Cf C- PSPµ CfPIC-PrC±P°C,Ch PiC¶Ps PiPsC¶PICf
PSPsPIPëC... C,PsPeCfPëC±PSPëC... PµC,,PµPeC,C-PI P°P±Ps PiC¶Ps PSP°C¶PIPSC-CfC,Ch
CfPëPSPµC¶PiC-C±PSPsC— C,PsPeCfPëC±PSPsCfC,C-.

*PhP»PjPµCfP°C¶C,P°PSCz PjPµPrPsPeCfPsPjC-P» (PrC-C¶C±P° C¶PµC±PsPIPëPSP°
PhC,C,PµPSC,Ps^{B®})*

PJ PrPsCfP»C-PrP¶PµPSPSC¶C... C...C¶PsPSC-C±PSPsC— C,PsPeCfPëC±PSPsCfC,C- PSP°
C%CrC¶P°C... C- CfPsP±P°PeP°C... PµC,,PµPeC,Pë PsP»PjPµCfP°C¶C,P°PSCr
PjPµPrPsPeCfPsPjC-P»Cr P±CfP»Pë CfC...PsP¶C- P· C,P°PePëPjPë C-PSC€PëC...
P°PSC,P°PiPsPSC-CfC,C-PI C¶PµC†PµPiC,PsC¶C-PI AT₁ C,P° C-PSPiC-P±C-C,PsC¶C-PI PhPµPα:
PiC-PrPIPëC%PµPSPSC¶ C¶C-PIPSC¶ CfPµC±PsPIPëPSPë (BUN) C- PeC¶PµP°C,PëPSC-PSCr PI
PeC¶PsPIC-, P·PSPëP¶PµPSPSC¶ PjP°CfPë CfPµC¶C†C¶, P·PSPëP¶PµPSPSC¶
PµC¶PëC,C¶PsC†PëC,P°C¶PSPëC... PiP°C¶P°PjPµC,C¶C-PI (PePsPSC†PµPSC,C¶P°C†C-C¶
PµC¶PëC,C¶PsC†PëC,C-PI C- PiPµPjPsPiP»PsP±C-PSCr, PiPµPjP°C,PsPeC¶PëC.),
PiC-CfC,PsP»PsPiC-C±PSC- PsP·PSP°PePë CfC¶P°P¶PµPSPSC¶ PSPëC¶PsPe

(CḡPμPiPμPSPμCḡP° C, PëPIPSC- CíCḡP° PḡPμPSPSCḡ PSpëCḡPePsPIPsPiPs PμPíC-C, PμP»C-Cḡ, PíPsC, PsPIC%oPμPSPSCḡ P±P°P·P°P»CḡPSPsC— PjPμPjP±CḡP°PSPë, CḡPsP·CëPëCḡPμPSPSCḡ PeP°PSP°P»CḡC†C-PI). PíC- PíPsP±C-C†PSC- CḡPμP°PeC†C-C—, CíPíCḡPëC†PëPSPμPSC- C,,P°CḡPjP°PePsP»PsPiC-C†PSPsCḡ PrC-C”Cḡ PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P»Cí, CíPíPsCíC, PμCḡC-PiP°P»PëCíCḡ C, P°PePsPḡ Cí PrPsPeP»C-PSC-C†PSPëC... PrPsCíP»C-PrPḡPμPSPSCḡC... P· C-PSCëPëPjPë P°PSC, P°PiPsPSC-CíC, P°PjPë CḡPμC†PμPíC, PsCḡP° AT₁ C, P° C-PSPiC-P±C-C, PsCḡP°PjPë PḡPμPα C- PjPsPḡCíC, Cḡ P±CíC, Pë P·PjPμPSCëPμPSC- CëP»CḡC...PsPj PíPμCḡPsCḡP°P»CḡPSPsPiPs PíCḡPëPNëPsPjCí PSP° C, CḡC-Cḡ C...P»PsCḡPëPrCí. Pj PsP±PsC... PIPëPrC-PI C, PIP°CḡPëPS CíPíPsCíC, PμCḡC-PiP°P»Pë PíC-PrPIPëC%oPμPSCr P°PeC, PëPIPSC-CíC, Cḡ CḡPμPSC-PSCr PI PíP»P°P·PjC- C, P° PiC-PíPμCḡC, CḡPsC,, C-Cḡ/PiC-PíPμCḡPíP»P°P·C-Cḡ CḡPeCíC, P°PiP»PsPjPμCḡCíP»CḡCḡPSPëC... PeP»C-C, PëPS PSPëCḡPsPe. PíC- P·PjC-PSPë, CḡPeC- C” C, PëPíPsPIPëPj PμC,, PμPeC, PsPj PeP»P°CíCí C-PSPiC-P±C-C, PsCḡC-PI PḡPμPα C, P° C-PSCëPëC... P°PSC, P°PiPsPSC-CíC, C-PI CḡPμC†PμPíC, PsCḡP° AT₁, PNëPjPsPIC-CḡPSPs, PSPμ PjP°CḡC, Cḡ PeP»C-PSC-C†PSPsC— P·PSP°C†CíC%oPsCíC, C-.

PμPsPrC-P±PSPs PrPs C-PSCëPëC... P°PSC, P°PiPsPSC-CíC, C-PI CḡPμC†PμPíC, PsCḡP° AT₁, PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P» P·P±C-P»CḡCëCíC” C†P°CíC, PsC, Cí C...CḡPsPjPsCíPsPjPSPëC... CḡPsP·CḡPëPIC-PI Cí PeCíP»CḡC, CíCḡC- PeP»C-C, PëPS *in vitro*. PḡPrPSP°Pe PíPsPrC-P±PSC- PμC,, PμPeC, Pë P±CíP»Pë PIC-PrC, PIPsCḡPμPSC- Cí PeC-P»CḡPePsC... PrPsCíP»C-PrPḡPμPSPSCḡC... *in vivo*, PrPμ PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P» P·P°CíC, PsCíPsPICrPIP°P»Pë PI PrCíPḡPμ PIPëCíPsPePëC... PíPμCḡPsCḡP°P»CḡPSPëC... PrPsP·P°C..., P°Pḡ PrPs 2000 PjPi/PePi. Pj C†C-P»PsPjCí PrP°PSC- PICíPμP±C-C†PSPsPiPs PrPsCíP»C-PrPḡPμPSPSCḡ PSP° PiPμPSPsC, PsPeCíPëC†PSC-CíC, Cḡ PiPsPIPsCḡCḡC, Cḡ PíCḡPs C, Pμ, C%oPs PiPμPSPsC, PsPeCíPëC†PSP° PrC-Cḡ PsP»PjPμCíP°CḡC, P°PSCr PíCḡPë PeP»C-PSC-C†PSPsPjCí P·P°CíC, PsCíCíPIP°PSPSC- PjP°P»PsPNëPjPsPIC-CḡPSP°.

P’ CḡP°PjPeP°C... 2-CḡC-C†PSPsPiPs PrPsCíP»C-PrPḡPμPSPSCḡ PSp° C%oCíCḡP°C... P°P±Ps 6- PjC-CíCḡC†PSPsPiPs PrPsCíP»C-PrPḡPμPSPSCḡ PeP°PSC†PμCḡPsPiPμPSPSPsCíC, C- PSP° C, CḡP°PSCíPíPμPSPSPëC... PjPëCëP°C... PSPμ P±CíP»Ps PIPëCḡPIP»PμPSPs PeP°PSC†PμCḡPsPiPμPSPSPëC... PIP»P°CíC, PëPIPsCíC, PμPNë PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P»Cí.

Pj PrPsCíP»C-PrPḡPμPSPSCḡC... C, PsPeCíPëC†PSPsCíC, C- C%oPsPrPs CḡPμPíCḡPsPrCíPeC, PëPIPSPëC... PsCḡPiP°PSC-PI Cí C%oCíCḡC-PI PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P» PSPμ PIPíP»PëPIP°PI PSP° C,, PμCḡC, PëP»CḡPSC-CíC, Cḡ C- PSPμ C†PëPSPëPI C, PμCḡP°C, PsPiPμPSPSPsC— PrC-C—. PíPe Cí CḡP°P·C- P·P°CíC, PsCíCíPIP°PSPSCḡ C-PSCëPëC... P°PSC, P°PiPsPSC-CíC, C-PI CḡPμC†PμPíC, PsCḡC-PI P°PSPiC-PsC, PμPSP·PëPSCr II, PíC-CíP»Cḡ PμPeCíPíPsP·PëC†C-C— PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P»Cí PIPëPḡPëPIP°PSPSCḡ PíPsC, PsPjCíC, PIP° P±CíP»Ps P·PSPëPḡPμPSPs, P° Cí CíP°PjPsPe, CḡPeC- PsC, CḡPëPjCíPIP°P»Pë PíCḡPμPíP°CḡP°C, PSP° PíC-P·PSC-C... C, PμCḡPjC-PSP°C... PIP°PiC-C, PSPsCíC, C- C- PíC-Pr C†P°Cí P»P°PeC, P°C†C-C—, PIC-PrP·PSP°C†P°P»P°CíCḡ PrPëP»P°C, P°C†C-Cḡ PSPëCḡPePsPIPëC... PjPëCíPsPe. PíPe C- C-PSCëC- PiC-PíPsC, PμPSP·PëPIPSC- PíCḡPμPíP°CḡP°C, Pë, PsP»PjPμCíP°CḡC, P°PSCr PjPμPrPsPeCíPsPjC-P» P±CíPI P±C-P»CḡCë C, PsPeCíPëC†PSPëPNë PrP»Cḡ PIP°PiC-C, PSPëC... PeCḡPsP»C-PI, PSC-Pḡ PrP»Cḡ PIP°PiC-C, PSPëC... C%oCíCḡC-PI, PíCḡPsC, Pμ PSPμ C†PëPSPëPI PíCḡPë C†CḡPsPjCí C,, PμC, PsC, PsPeCíPëC†PSPsC— PrC-C—.

PḡPjP»PsPrPëPíC-PS (PrC-CḡC†P° CḡPμC†PsPIPëPSP° PḡC, C, PμPSC, Ps^{B®})

P PμPíCḡPsPrCíPeC, PëPIPSP° C, PsPeCíPëC†PSC-CíC, Cḡ

P"PsCÍP»C-PrP¶PµPSPSCÍ CĤPµPíCĤPsPrCíPeC,PëPIPSPsC— C„CíPSPeC†C-C— PSP° C%oCíCĤP°C... C- PjPëC€P°C... PIPëCÍPIPëP»Pë P·P°C,CĤPëPjPeCí PSP°CÍC,P°PSPSCÍ PíPsP»PsPiC-PI, P·P±C-P»CHC€PµPSPSCÍ C†P°CÍCí PíPµCĤPµPNëPjC-PI C- P·PjPµPSC€PµPSPSCÍ PIPëP¶PëPIP°PSPSCÍ PíPsC,PsPjCÍC,PIP° PíCĤPë PíCĤPëPNëPsPjC- PrPsP·, PíCĤPëP±P»PëP·PSPs PI 50 CĤP°P·C-PI P±C-P»CHC€PëC..., PSC-P¶ PjP°PeCÍPëPjP°P»CHPSP° CĤPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PrP»CÍ P»CĤPrPëPSPë, CÍPeP° T'ĤCíPSC,CíC"C,CHCÍCÍ PSP° CĤPsP·CĤP°C...CíPSPeCí PSP° 1 PePi PjP°CÍPë C,C-P»P° (PjPi/PePi).

PµPsCĤCíC€PµPSPSCÍ C„PµCĤC,PëP»CHPSPsCÍC,C-

P'PíP»PëPICí PSP° C„PµCĤC,PëP»CHPSC-CÍC,CH Cí C%oCíCĤC-PI, CÍPeC- PsC,CĤPëPjCíPIP°P»Pë P°PjP»PsPrPëPíC-PS (CÍP°PjC†C- PíCĤPsC,CÍPiPsPj 64 PrPSC-PI, CÍP°PjPePë P·P° 14 PrPSC-PI PrPs CÍPíP°CĤCĤPIP°PSPSCÍ) PI PrPsP·P°C... PrPs 10 PjPi/PePi/PrPsP±Cí (Cí 8 CĤP°P·C-PI* PíPµCĤPµPIPëC%oCíC" PjP°PeCÍPëPjP°P»CHPSCí CĤPµPePsPjPµPSPPrPsPIP°PSCí PrPsP·Cí PrP»CÍ P»CĤPrPëPSPë, C%oPs CÍC,P°PSPsPIPëC,CH 10 PjPi PI PíPµCĤPµCĤP°C...CíPSPeCí PSP° PjPi/Pj²), PIPëCÍPIP»PµPSPs PSPµ P±CíP»Ps. P' C...PsPrC- C-PSC€PsPiPs PrPsCÍP»C-PrP¶PµPSPSCÍ, PI CÍPePsPjCí CÍP°PjC†C- C%oCíCĤC-PI PsC,CĤPëPjCíPIP°P»Pë P°PjP»PsPrPëPíC-PSCí P±PµCÍPëP»P°C, PíCĤPsC,CÍPiPsPj 30 PrPSC-PI Cí PrPsP·P°C..., PíPsCĤC-PIPSCÍPSPSPëC... P· PrPsP·PsCĤ PrP»CÍ P»CĤPrPëPSPë PI PíPµCĤPµCĤP°C...CíPSPeCí PSP° PjPi/Pj², P±CíP»Ps PIC-PrP·PSP°C†PµPSPs P·PSPëP¶PµPSPSCÍ PePsPSC†PµPSC,CĤP°C†C-PNë C„PsP»C-PeCíP»PsCÍC,PëPjCíP»CĤCĤC†PsPiPs PiPsCĤPjPsPSCí C- C„PµCÍC,PsCÍC,PµCĤPsPSCí PI PíP»P°P·PjC-, P° C„P°PePsP¶ P·PSPëP¶PµPSPSCÍ C%oC-P»CHPSPsCÍC,C- CÍPíPµCĤPjPë, P·PjPµPSC€PµPSPSCÍ PeC-P»CHPePsCÍC,C- P·CĤC-P»PëC... CÍPíPµCĤPjP°C,PëPr C- PeP»C-C,PëPS PŸPµCĤC,PsP»C-.

PlP°PSC†PµCĤPsPiPµPSPµP·, PjCíC,P°PiPµPSPµP·

P'PëPíCĤPsP±CíPIP°PSPSCÍ PSP° C%oCíCĤP°C... C- PjPëC€P°C..., CÍPeC- PsC,CĤPëPjCíPIP°P»Pë P°PjP»PsPrPëPíC-PS P· C—P¶PµCĤ PíCĤPsC,CÍPiPsPj PrPIPSC... CĤPsPeC-PI Cí PePsPSC†PµPSC,CĤP°C†C-CÍC..., CĤPsP·CĤP°C...PsPIP°PSPëC... PrP»CÍ PIC-PrC,PIPsCĤPµPSPSCÍ PrPsP· 0,5, 1,25 C- 2,5 PjPi/PePi/PrPsP±Cí, PSPµ PIPëCÍPIPëP»Pë PsP·PSP°Pe PeP°PSC†PµCĤPsPiPµPSPSPsCÍC,C-. PĕP°PNëPIPëC%oP° PrPsP·P° (PrP»CÍ PjPëC€PµPNë PµPePIC-PIP°P»PµPSC,PSP° PjP°PeCÍPëPjP°P»CHPSC-PNë CĤPµPePsPjPµPSPPrPsPIP°PSC-PNë PrPsP·C- 10 PjPi PI PíPµCĤPµCĤP°C...CíPSPeCí PSP° PjPi/Pj², P° PrP»CÍ C%oCíCĤC-PI - PI PrPIP° CĤP°P·Pë PIPëC%oP° PjP°PeCÍPëPjP°P»CHPSPsC— CĤPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë) P±CíP»P° P±P»PëP·CHPeP° PrPs PjP°PeCÍPëPjP°P»CHPSPsC— PíPµCĤPµPSPsCÍPëPjPsC— PrPsP·Pë PrP»CÍ PjPëC€PµPNë, P°P»Pµ PSPµ PrP»CÍ C%oCíCĤC-PI.

P"PsCÍP»C-PrP¶PµPSPSCÍ PjCíC,P°PiPµPSPSPsCÍC,C- PSPµ PIPëCÍPIPëP»Pë PíPsPIBĤ™ CÍP·P°PSPëC... P· PíCĤPµPíP°CĤP°C,PsPj PµC„PµPeC,C-PI PSP° CĤC-PIPSC- PíPµPSC-PI P°P±Ps C...CĤPsPjPsCÍPsPj.

*PíPeC%oPs PjP°CÍP° C,C-P»P° PíP°C†C-C" PSC,P° PrPsCĤC-PIPSCĤC" 50 PePi.

PlP»C-PSC-C†PSC- C...P°CĤP°PeC,PµCĤPëCÍC,PëPePë.

PµPsPeP°P·P°PSPSCÍ.

P>C-PeCfPIP°PSPSCЦ PμCfPμPSC†C-P°P»CHbPSPsC— PiC-PiPμCfC,PμPSP·C-C—.

PfC,C,PμPSC,Ps^â PiPsPeP°P·P°PSPëPNë PrPsCfPsCfP»PëPj PiP°C†C-C”PSC,P°Pj, Cí CЦPePëC... PjPsPSPsC,PμCfP°PiC-CЦ PsP»PjPμCfP°CfC,P°PSCr PjPμPrPsPeCfPsPjC-P»PsPj P°P±Ps P°PjP»PsPrPëPiC-PSPsPj PSPμ P·P°P±PμP·PiPμC†CfC” PSPμPsP±C...C-PrPSPsPiPs PePsPSC,CfPsP»Cf P°CfC,PμCfC-P°P»CHbPSPsPiPs C,PëCfPeCf (PrPëPI. CfPsP·PrC-P»Pë B«PÿPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCЦ C,P° PrPsP·PëB», B«PαP°CfPjP°PePsPrPëPSP°PjC-PeP°B»).

PμCfPsC,PëPiPsPeP°P·P°PSPSCЦ.

B· PμC-PrPIPëC%oPμPSP° C†CfC,P»PëPIC-CfC,CH PrPs PrC-CfC†PëC... CfPμC†PsPIPëPS, PiPsC...C-PrPSPëC... PrPëPiC-PrCfPsPiC-CfPëPrPëPSCr P°P±Ps P±CfPrCHb-CЦPePsC— P· PrPsPiPsPjC-P¶PSPëC... CfPμC†PsPIPëPS (PrPëPI. CfPsP·PrC-P» B«PÿPeP»P°PrB»).

B· P°P°PiC-C,PSC-CfC,CH C,P° PiP»P°PSCrPIP°PSPSCЦ PIP°PiC-C,PSPsCfC,C- (PrPëPI. CfPsP·PrC-P»Pë B«PμCfPsC,PëPiPsPeP°P·P°PSPSCЦB» C,P° B«P—P°CfC,PsCfCfPIP°PSPSCЦ Cí PiPμCfC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPIP°PSPSCЦ PiCfCfPrPrCfB»).

B· PÿCЦP¶PeP° PiPμC†C-PSPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH C- PsP±CfC,CfCfPeC†C-CЦ P¶PsPIC†PSPëC... CëP»CЦC...C-PI (PrPëPI. CfPsP·PrC-P» B«PαP°CfPjP°PePsPeC-PSPμC,PëPeP°B»).

B· PÿPiC-P»CHbPSPμ P·P°CfC,PsCfCfPIP°PSPSCЦ PfC,C,PμPSC,Ps^{B®} C- PiCfPμPiP°CfP°C,C-PI, C%oPs PjC-CfC,CЦC,CH P°P»C-CfPeC-CfPμPS, PiCfPsC,PëPiPsPeP°P·P°PSPs PiP°C†C-C”PSC,P°Pj P· C†CfPeCfPsPIPëPj PrC-P°P±PμC,PsPj P°P±Ps PiPsCfCfCëPμPSPSCЦPj C,,CfPSPeC†C-C— PSPëCfPsPe (PëPлPα < 60 PjP»/C...PI/1,73 Pj²) (PrPëPI. CfPsP·PrC-P»Pë B«P·P·C”PjPsPrC-CЦ P· C-PSCëPëPjPë P»C-PeP°CfCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB» C,P° B«PαP°CfPjP°PePsPrPëPSP°PjC-PeP°B»).

B· P§PμCfPμP· PSP°CЦPIPSC-CfC,CH Cí CfPeP»P°PrC- P°PjP»PsPrPëPiC-PSCr P»C-PeP°CfCfCHbPePëPNë P·P°CfC-P± PfC,C,PμPSC,Ps^{B®} C,P°PePsP¶ PiCfPsC,PëPiPsPeP°P·P°PSPëPNë PiP°C†C-C”PSC,P°Pj, Cí CЦPePëC...:

- C,CЦP¶PeP° P°CfC,PμCfC-P°P»CHbPSP° PiC-PiPsC,PμPSP·C-CЦ;
- CëPsPe (PIPeP»CfC†P°CfC†Pë PeP°CfPrC-PsPiPμPSPSPëPNë CëPsPe);
- PiPsCfCfCëPμPSPSCЦ PIC-PrC,PsPeCf PeCfPsPIC- P· P»C-PIPsPiPs CëP»CfPSPsC†PeP° (PSP°PiCfPëPeP»P°Pr, PiCfPë CfC,PμPSPsP·C- P°PsCfC,Pë C,CЦP¶PePsPiPs CfC,CfPiPμPSCЦ);
- PiPμPjPsPrPëPSP°PjC-C†PSPs PSPμCfC,P°P±C-P»CHbPSP° CfPμCfC†PμPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH PiC-CfP»CЦ PiPsCfC,CfPsPiPs C-PSC,,P°CfPeC,Cf PjC-PsPeP°CfPrP°.

P°P·P°C”PjPsPrC-CЦ P· C-PSCëPëPjPë P»C-PeP°CfCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNë.

PμPsC, PμPSC†C-PM₂PSC- PIP·P°C" PjPsPrC-C—, PIPëPeP»PëPeP°PSC- PìPsC" PrPSP°PSPSC¼Pj P·P»C-PeP°CḡCÍCHPePëPj P·P°CÍPsP±PsPj PḡC,C,PμPSC,Ps^{B®}

PŸP»C-Pr P±CÍC, Pë PsP±PμCḡPμP¶PSPëPj PíCḡPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC-

P†PSCεC- PíC-PìPsC, PμPSP·PëPIPSC- P·P°CÍPsP±Pë

P" C-PìPsC, PμPSP·PëPIPSPëPM₂ PμC,, PμPeC, PḡC,C, PμPSC, Ps^{B®} PjPsP¶Pμ P±CÍC, Pë PìPsCÍPëP»PμPSPëPM₂ PíCḡPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC- C-PSCεPëC... PíC-PìPsC, PμPSP·PëPIPSPëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI (PSP°PíCḡPëPeP»P°Pr P°P»CḡC,, P°-P±P»PsPeP°C, PsCḡC-PI, PrC-CÍCḡPμC, PëPeC-PI).

PμPsC, PμPSC†C-PM₂PSC- PIP·P°C" PjPsPrC-C—, PìPsPIëḡ™ C¼P·P°PSC- P· PePsPjPìPsPSPμPSC, PsPj PḡC,C, PμPSC, Ps^{B®} PsP»PjPμCÍP°CḡC, P°PSCž PjPμPrPsPeCÍPsPjC-P»PsPjB B B B B B

PŸCÍPíCÍC, PSC" P·P°CÍC, PsCÍCÍPIP°PSPSC¼ PSPμ CḡPμPePsPjPμPSPPrCÍC" C, CḡCÍC¼

P†PSPiC-P±C-C, PsCḡPë PḡPμPα, P±P»PsPeP°C, PsCḡPë CḡPμC†PμPíC, PsCḡC-PI P°PSPiC-PsC, PμPSP·PëPSCÍ P†P† P°P±Ps P°P»C-CÍPeC-CḡPμPS

P" P°PSC- PeP»C-PSC-C±PSPëC... PIPëPíCḡPsP±CÍPIP°PSCḡ PìPsPeP°P·CÍCḡC, Cḡ, C%Ps PìPsPrPIC-PM₂PSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC, PμPSP·PëPS- P°P»CḡPrPsCÍC, PμCḡPsPSPsPIPSc— CÍPëCÍC, PμPjPë (P PḡPḡPŸ), PìPsPIëḡ™ C¼P·P°PSP° P·C- CÍPíC-P»CḡPSPëPj P·P°CÍC, PsCÍCÍPIP°PSPSC¼Pj C-PSPiC-P±C-C, PsCḡC-PI PḡPμPα C, P° P±P»PsPeP°C, PsCḡC-PI CḡPμC†PμPíC, PsCḡC-PI P°PSPiC-PsC, PμPSP·PëPSCÍ II P°P±Ps P°P»C-CÍPeC-CḡPμPSCÍ, PíCḡPëP·PIPsPrPëC, Cḡ PrPs PíC-PrPIPëC%PμPSPSC¼ C±P°CÍC, PsC, Pë PSPμP±P°P¶P°PSPëC... C¼PIPëC%, C, P°PePëC... C¼Pe P°CḡC, PμCḡC-P°P»CḡPSP° PíC-PìPsC, PμPSP·C-C¼, PíC-PìPμCḡPeP°P»C-C" PjC-C¼ C- P·PSPëP¶PμPSPSC¼ C,, CÍPSPeC†C-C— PSPëCḡPsPe (PI C, PsPjCÍ C±PëCÍP»C- PìPsCÍC, CḡP° PSPëCḡPePsPIP° PSPμPrPsCÍC, P°C, PSC-CÍC, Cḡ), PI PìPsCḡC-PIPSC¼PSPSC- C-P· P·P°CÍC, PsCÍCÍPIP°PSPSC¼Pj PsPrPSPsPìPs P·P°CÍPsP±CÍ, C¼PePëPM₂ PrC-C" PSP° P PḡPḡPŸ (PrPëPI. CḡPsP·PrC-P»Pë B«PμCḡPsC, PëPìPsPeP°P·P°PSPSC¼B», B«PḡCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSC¼B», B«PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°B»).

PμCḡPμPíP°CḡP°C, Pë, C%Ps PIPìP»PëPIP°CḡC, Cḡ PSP° CḡC-PIPμPSCḡ PeP°P»C-Cḡ

PḡPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSC¼ P· PeP°P»C-PM₂P·P±PμCḡC-PiP°CḡC±PëPjPë PrC-CÍCḡPμC, PëPeP°PjPë, PeP°P»C-C" PIPëPjPë PrPsP±P°PIPeP°PjPë, P·P°PjC-PSPSPëPeP°PjPë CÍPsP»C-, C%Ps PjC-CÍC, C¼C, Cḡ PeP°P»C-PM₂, P°P±Ps C-PSCεPëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, C¼PeC- PjPsP¶CÍC, Cḡ PíC-PrPIPëC%PëC, Pë CḡC-PIPμPSCḡ PeP°P»C-Cḡ (PSP°PíCḡPëPeP»P°Pr, PìPμPíP°CḡPëPS, C-PSPiC-P±C-C, PsCḡPë PḡPμPα), PjPsP¶Pμ PíCḡPëP·PIPμCÍC, Pë PrPs P·P±C-P»CḡCεPμPSPSC¼ PePsPSC†PμPSC, CḡP°C†C-C— PeP°P»C-Cḡ PI CÍPëCḡPsPIP°C, C†C- PeCḡPsPIC- (PrPëPI. CḡPsP·PrC-P» B«PḡCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSC¼B»). PμCḡPë PíCḡPëP·PSP°C±PμPSPSC- PíCḡPμPíP°CḡP°C, C-PI, C%Ps PIPìP»PëPIP°CḡC, Cḡ PSP° CḡC-PIPμPSCḡ PeP°P»C-Cḡ, PI PìPsC" PrPSP°PSPSC- P· PḡC,C, PμPSC, Ps^{B®} CḡPμPePsPjPμPSPPrCÍC" C, CḡCÍC¼ PePsPSC, CḡPsP»Cḡ CÍPëCḡPsPIP°C, PePsPIPSc— PePsPSC†PμPSC, CḡP°C†C-C— PeP°P»C-Cḡ.

PμCḡPμPíP°CḡP°C, Pë P»C-C, C-Cḡ

PμCḡPë CÍPíC-P»CḡPSPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC- P»C-C, C-Cḡ P·

C-PSPiC-P±C-C,PsCḡP°PjPë P°PSPiC-PsC,ḡPμPSP·PëPSPiPμCḡPμC,PIPsCḡCḡPIP°P»CḡPSPsPiPs C,,ḡPμCḡPjPμPSC,Cḡ C- CḡC-PrPePs P· P°PSC,P°PiPsPSC-CḡC,P°PjPë CḡPμCḡPμPìC,PsCḡC-PI P°PSPiC-PsC,ḡPμPSP·PëPSCḡ II CḡPìPsCḡC,ḡPμCḡC-PiP°P»PsCḡCḡ PsP±PsCḡPSC,PSPμ P·P±C-P»CḡCḡPμPSPSCḡ CḡPëCḡPSPiP°C,PePsPIPSC— PePsPSCḡPμPSC,CḡP°CḡC-C— P»C-C,C-Cḡ C- C,PsPeCḡPëCḡPSPsCḡC,C- PḡPsPiPs PìCḡPμPìP°CḡP°C,C-PI. Pj P·PiBḡ™ CḡP·PeCḡ P· CḡPëPj PSPμ CḡPμPePsPjPμPSPḡCḡC,CḡCḡCḡ CḡPìC-P»CḡPSPμ P·P°CḡC,PsCḡCḡPìP°PSPSCḡ PḡC,C,ḡPμPSC,Ps^B C,P° PìCḡPμPìP°CḡP°C,C-PI P»C-C,C-Cḡ (PrPëPI. CḡPSP·PrC-P» B«PḡCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPìP°PSPSCḡB»). PμCḡPë PSPμPsP±C...C-PrPSPsCḡC,C- PsPrPSPsCḡP°CḡPSPsPiPs P·P°CḡC,PsCḡCḡPìP°PSPSCḡ PḡC,C,ḡPμPSC,Ps^B C,P° PìCḡPμPìP°CḡP°C,C-PI P»C-C,C-Cḡ CḡPμPePsPjPμPSPḡCḡC,CḡCḡCḡ CḡPμPìCḡP»CḡCḡPSPëPḡ PḡPePsPSC,CḡPSP»Cḡ CḡC-PIPSCḡ P»C-C,C-Cḡ PI CḡPëCḡPSPiP°C,CḡC-.

PḡPìC-P»CḡPSPμ P·P°CḡC,PsCḡCḡPìP°PSPSCḡ PìPëPjP°PìP°C” PsP±ḡPμCḡPμPḡPSPsCḡC,C-

PḡPμCḡC,ḡPμCḡPSC—PrPSC- PìCḡPSC,PëP·P°PìP°P»CḡPSC- P·P°CḡPsP±Pë (PḡPμP—P—), PìPëP»CḡCḡP°CḡCḡPë CḡPμP»ḡPμPëC,PëPIPSC- C-PSPiC-P±C-C,PsCḡPë PjPḡP”-2, P°CḡPμC,PëP»CḡP°P»C-CḡPëP»PsPICḡ PePëCḡP»PsC,Cḡ (> 3 Pi/PrPsP±Cḡ) C- PSPμCḡPμP»ḡPμPëC,PëPIPSC- PḡPμP—P—

PμCḡPë PìCḡPëP·PSP°CḡPμPSPSC- P°PSC,P°PiPsPSC-CḡC,C-PI P°PSPiC-PsC,ḡPμPSP·PëPSCḡ II CḡPìC-P»CḡPSPs P· PḡPμP—P— PjPsPḡP»PëPIPμ PìPsCḡP»P°P±P»ḡPμPSPSCḡ PìC-PìPsC,ḡPμPSP·PëPIPSPsPiPs PμC,,ḡPμPëC,Cḡ. PḡCḡC-Pj C,PsPiPs, PsPrPSPsCḡP°CḡPSPμ P·P°CḡC,PsCḡCḡPìP°PSPSCḡ P°PSC,P°PiPsPSC-CḡC,C-PI P°PSPiC-PsC,ḡPμPSP·PëPSCḡ II C- PḡPμP—P— PjPsPḡPμ PìC-PrPìPëC%ḡCḡPìP°C,Pë CḡPëP·PëPe PìPsPìC-CḡCḡPμPSPSCḡ C,,CḡPSPeCḡC-C— PSPëCḡPSPe C- PìCḡPëP·PIPSPḡCḡPëC,Pë PrPs P·P±C-P»CḡCḡPμPSPSCḡ CḡPëCḡPSPiP°C,PePsPIPSC— PePsPSCḡPμPSC,CḡP°CḡC-C— PeP°P»C-Cḡ. PḡPsPjCḡ PìCḡPë C,P°PeC-Pḡ CḡPìC-P»CḡPSC-Pḡ C,ḡPμCḡP°PìC-C— CḡPìPsCḡP°C,PeCḡ CḡPμPePsPjPμPSPḡCḡC,CḡCḡCḡ CḡPμPìCḡP»CḡCḡPSPs PsCḡC-PSCḡPìP°C,Pë C,,CḡPSPeCḡC-Cḡ PSPëCḡPSPe, P° C,P°PePsPḡ CḡC,ḡPμPḡPëC,Pë P·P° PSP°P»ḡPμPḡPSPsCḡ PìC-PrCḡP°C,P°CḡC-C”Cḡ PìP°CḡC-C”PSC,P°.

P»C-PeP°CḡCḡCḡPëPḡPḡ P·P°CḡC-P± PePsP»ḡPμCḡPμPìPμP»P°Pj, C%ḡPs P·PiBḡ™ CḡP·CḡC” PḡPSPiCḡPSC- PePëCḡP»PsC,Pë

PḡPìC-P»CḡPSPμ P·P°CḡC,PsCḡCḡPìP°PSPSCḡ PePsP»ḡPμCḡPμPìPμP»P°PjCḡ PìC-PrCḡPSC...P»PsCḡPëPrCḡ, C%ḡPs P·PiBḡ™ CḡP·CḡC” PḡPSPiCḡPSC- PePëCḡP»PsC,Pë, P·PjPμPSCḡCḡCḡ CḡPëCḡC,ḡPμPjPSPëPḡ PìPìP»PëPI C- PìC-PePsPICḡ PePsPSCḡPμPSC,CḡP°CḡC-Cḡ PsP»PjPμCḡP°CḡC,P°PSCḡ PìPìP»P°P·PjC-, P° C,P°PePsPḡ P·PSPëPḡCḡC” PìPμCḡC-PsPr PSP°PìC-PIPìPìPμPrPμPSPSCḡ. PμCḡPëPḡPsPj PsP»PjPμCḡP°CḡC,P°PSCḡ PjPμPrPsPeCḡPsPjC-P»Cḡ CḡPë PjC-PSC-PjCḡPj P·P° 4 PìPsPrPëPSPë PrPs PìCḡPëPḡPsPjCḡ PePsP»ḡPμCḡPμPìPμP»P°PjCḡ PìC-PrCḡPSC...P»PsCḡPëPrCḡ P·PSPëPḡCḡPìP°PI PμC,,ḡPμPëC, P»C-PeP°CḡCḡCḡPëPsC— PìP·P°C”PjPsPrC-C—. PḡP»C-Pr CḡPSP·PìP»CḡPSCḡCḡPë PjPsPḡP»PëPIC-CḡC,Cḡ PìCḡPëPḡPsPjCḡ PsP»PjPμCḡP°CḡC,P°PSCḡ PjPμPrPsPeCḡPsPjC-P»Cḡ CḡPë PjC-PSC-PjCḡPj P·P° 4 PìPsPrPëPSPë PrPs PìCḡPëPḡPsPjCḡ PePsP»ḡPμCḡPμPìPμP»P°PjCḡ PìC-PrCḡPSC...P»PsCḡPëPrCḡ (PrPëPI. CḡPSP·PrC-P» B«PḡP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

P”PsPrP°C,PePsPIP° C-PSC,,PsCḡPjP°CḡC-Cḡ

P’C-PrP·PSP°CḡPμPSPs PìPsPjC-CḡPSPμ P·PSPëPḡPμPSPSCḡ P±C-PsPrPsCḡC,CḡPìPSPsCḡC,C- PsP»PjPμCḡP°CḡC,P°PSCḡ PjPμPrPsPeCḡPsPjC-P»Cḡ PìC-CḡP»Cḡ P»C-PeCḡPìP°PSPSCḡ

P°PSC,P°C†PëPrP°PjPë (PjP°PiPSC-CĤ C,P° P°P»CĤPjC-PSC-CĤ PiC-PrCĤPsPeCÍPëPrP°PjPë).

PĥP»PjPµCÍP°CĤC,P°PSCr PjPµPrPsPeCÍPsPjC-P» P·PSP°C†CfC%oPµ PSPµ PIPiP»PëPIP°C” PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCf C- C,,P°CĤPjP°PePsPrPëPSP°PjC-PeCf PIP°CĤC,,P°CĤPëPSCf P°P±Ps C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCf PrPëPiPsPeCÍPëPSCf. PŸPiC-P»CĤPSPµ P·P·CÍC,PsCÍCfPIP°PSPSCÍ PsP»PjPµCÍP°CĤC,P°PSCr PjPµPrPsPeCÍPsPjC-P»Cf P· PíCĤP°PIP°CÍC,P°C,PëPSPsPj PSPµ PíCĤPëP·PIPsPrPëC,CĤ PrPs PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPëC... P·PjC-PS C,,P°CĤPjP°PePsPeC-PSPµC,PëPePë C†PëC... PíCĤPµPíP°CĤP°C,C-PI Cf P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPsP»CĤC†C-PI.

PĥPµ PIPëCÍPIP»PµPSPs PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPsC— C-PSPiC-P±CfCĤC†PsC— PrC-C— PsP»PjPµCÍP°CĤC,P°PSCr PSP° C,,PµCĤPjPµPSC,Pë 1A1/2, 2A6, 2C8/9, 2C19, 2D6, 2E1 C,P° 3A4 C†PëC,PsC...CĤPsPjCf P 450 Cf P»CĤPrPëPSPë *in vitro*, C- PIC-PrP·PSP°C†PµPSPs PjC-PSC-PjP°P»CĤPSPëPñ P°P±Ps PSCfP»CĤPsPIPëPñ C-PSPPrCfPeCfCĤC†PëPñ PµC,,PµPeC, C%oPsPrPs P°PeC,PëPIPSPsCÍC,C- C†PëC,PsC...CĤPsPjCf P 450 Cf C%oCfCĤC-PI. PŸP°PePëPj C†PëPSPsPj, PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPëC... PIP·P°C”PjPsPrC-Pñ PjC-P¶ PsP»PjPµCÍP°CĤC,P°PSPsPj C- P»C-PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë, PjPµC,P°P±PsP»C-P·Pj CÍPePëC... P·PrC-PñCÍPSCĤC”C,CĤCÍCÍ PIPëC%oPµP·P°P·PSP°C†PµPSPëPjPë C,,PµCĤPjPµPSC,P°PjPë PiCĤCfPíPë C†PëC,PsC...CĤPsPjC-PI P450, PjPsP¶PSP° PSPµ PsC†C-PeCfPIP°C,Pë.

PµPsC,PµPSC†C-PñPSC- PIP·P°C”PjPsPrC-C—, PíPsPIëĤ™ CÍP·P°PSC- P· PePsPjPiPsPSPµPSC,PsPj PíCĤPµPíP°CĤP°C,Cž PĥC,C,PµPSC,Ps^{B®} P°PjP»PsPrPëPíC-PSPsPj

P·PíP»PëPi C-PSCëPëC... P»C-PeP°CĤCÍCĤPePëC... P·P°CÍPsP±C-PI PSP° PrC-CĤ P°PjP»PsPrPëPíC-PSCž

P†PSPiC-P±C-C,PsCĤPë CYP3A4

PµCĤPë PsPrPSPsC†P°CÍPSPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- P°PjP»PsPrPëPíC-PSCf P· CÍPëP»CĤPSPëPjPë P°P±Ps PíPsPjC-CĤPSPëPjPë C-PSPiC-P±C-C,PsCĤP°PjPë CYP3A4 (C-PSPiC-P±C-C,PsCĤP°PjPë PíCĤPsC,PµP°P·, P°P·PsP»CĤPSPëPjPë C,,CfPSPiC-C†PëPrP°PjPë, PjP°PeCĤPsP»C-PrP°PjPë C,PëPíCf PµCĤPëC,CĤPsPjC-C†PëPSCf P°P±Ps PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf, PIPµCĤP°PíP°PjC-P»Cf P°P±Ps PrPëP»C,C-P°P·PµPjCf) PIPiP»PëPi P°PjP»PsPrPëPíC-PSCf PjPsP¶Pµ P·PSP°C†PSPs PíPsCÍPëP»CĤPIP°C,PëCÍCÍ, C%oPs C,P°PePsP¶ PjPsP¶Pµ PíCĤPëP·PIPµCÍC,Pë PrPs PíC-PrPIPëC%oPµPSPSCÍ CĤPëP·PëPeCf PIPëPSPëPePSPµPSPSCÍ PiC-PíPsC,PµPSP·C-C—. PĥP»C-PSC-C†PSC- PíCĤPsCÍPIPë C†PëC... PIP°CĤC-P°C†C-Pñ P»Pĥ Cf P»C-C,PSC-C... PíP°C†C-C”PSC,C-PI PjPsP¶CfC,CĤ P±CfC,Pë P±C-P»CĤCë PIPëCĤP°P¶PµPSPëPjPë. P†CÍPSCfC” PíC-PrPIPëC%oPµPSPëPñ CĤPëP·PëPe PiC-PíPsC,PµPSP·C-C—. P PµPePsPjPµPSPPrCfC”C,CĤCÍCÍ CĤPµC,PµP»CĤPSPµ PsP±CÍC,PµP¶PµPSPSCÍ PíP°C†C-C”PSC,C-PI. PŸPsPjCf PjPsP¶Pµ P±CfC,Pë PíPsC,CĤC-P±PSPµ PeP»C-PSC-C†PSPµ CÍPíPsCÍC,PµCĤPµP¶PµPSPSCÍ C- PePsCĤPµPeC†C-CÍ PrPsP·Pë.

P†PSPPrCfPeC,PsCĤPë CYP3A4

PµCĤPë PsPrPSPsC†P°CÍPSPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- PIC-PrPsPjPëC... C-PSPPrCfPeC,PsCĤC-PI CYP3A4 PePsPSC†PµPSC,CĤP°C†C-CÍ P°PjP»PsPrPëPíC-PSCf Cf PíP»P°P·PjC- PjPsP¶Pµ PIC-PrCĤC-P·PSCÍC,PëCÍCÍ. PŸPsPjCf CÍP»C-Pr PePsPSC,CĤPsP»CĤPIP°C,Pë P°CĤC,PµCĤC-P°P»CĤPSPëPñ C,PëCÍPe C,P° CĤPµPiCfP»CĤPIP°C,Pë PrPsP·Cf CÍPe PíC-Pr C†P°CÍ, C,P°Pe C- PíC-CÍP»CÍ CÍCfPíCfC,PSĤPsC— C,PµCĤP°PíC-C—, PsCÍPsP±P»PëPIPs C%oPsPrPs CÍCfPíCfC,PSĤPsC— C,PµCĤP°PíC-C— C-P· CÍPëP»CĤPSPëPjPë C-PSPPrCfPeC,PsCĤP°PjPë CYP3A4 (C,P°PePëPjPë

P†PSPiC-P±C-C,PsCḡPë mTOR (PjC-C€PµPSC- CḡP°PīP°PjC-C†PëPSCđ). P†PSPiC-P±C-C,PsCḡPë mTOR, C,P°PeC- CŮPe C†PëCḡPsP»C-PjC†C†, C,PµPjC†PëCḡPsP»C-PjC†C† C,P° PµPIPµCḡPsP»C-PjC†C†, C" C†C†P±C†C,CḡP°C,P°PjPë CYP3A. PḡPjP»PsPrPëPīC-PS Bḡ" C†P»P°P±PePëPNḡ C-PSPiC-P±C-C,PsCḡ CYP3A. PµCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC- C-PSPiC-P±C-C,PsCḡC-PI mTOR P°PjP»PsPrPëPīC-PS PjPsP¶Pµ PīC-PrPIPëC%oC†PIP°C,Pë PIPīP»PëPI C-PSPiC-P±C-C,PsCḡC-PI mTOR.

P†PëPeP»PsC†PīPsCḡPëPS. PµC-Pr C†P°C† PīCḡPsC†PīPµPeC,PëPIPSPsPiPs PeP»C-PSC-C†PSPsPiPs PrPsC†P»C-PrP¶PµPSPSCŮ P·P° C†C†P°C†C,Cḡ PīP°C†C-C" PSC,C-PI C-P C,CḡP°PSC†PīP»P°PSC,P°C†C-C" Cḡ PSPëCḡPePë C†PīPsC†C,PµCḡC-PiP°P»PsC†Cḡ P·P±C-P»CḡC€PµPSPSCŮ PjC-PSC-PjP°P»CḡPSPsPiPs CḡC-PIPSCŮ C†PëPeP»PsC†PīPsCḡPëPSC† PI C†PµCḡPµPrPSCḡPsPjC† PSP° 40 % PīCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC- PNḡPsPiPs P· P°PjP»PsPrPëPīC-PSPsPj. PŸC†PīC†C,PSC" P·P°C†C,PsC†C†PIP°PSPSCŮ PḡC,C,PµPSC,Ps^{B®} C-P C†PëPeP»PsC†PīPsCḡPëPSPsPj PjPsP¶Pµ PīPsC†PëP»PëC,Pë PIPīP»PëPI C†PëPeP»PsC†PīPsCḡPëPSC†. PµCḡPë C†C†PīC†C,PSCḡPsPjC† P·P°C†C,PsC†C†PIP°PSPSC- P· P°PjP»PsPrPëPīC-PSPsPj C†P»C-Pr CḡPsP·PīP»CŮPSC†C,Pë PSPµPsP±C...C-PrPSC-C†C,Cḡ PePsPSC,CḡPsP»Cḡ P·P° PjC-PSC-PjP°P»CḡPSPëPj CḡC-PIPSPµPj C†PëPeP»PsC†PīPsCḡPëPSC† PI PeCḡPsPIC-, P° C† CḡP°P·C- PīPsC,CḡPµP±Pë Bḡ" P·PSPëP·PëC,Pë PrPsP·C† C†PëPeP»PsC†PīPsCḡPëPSC†.

PḡC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†CđPIP°PSPSCŮ.

PµP°C†C-C" PSC,Pë P· PiC-PīPsPIPsP»PµPjC-C" Cḡ P°P±Ps PSPµC†C,P°C†PµCḡ PSP°C,CḡC-Cḡ

Pj PīP°C†C-C" PSC,C-PI P· PiC-PīPsPIPsP»PµPjC-C" Cḡ C,P°/P°P±Ps PiC-PīPsPSP°C,CḡC-C" PjC-C" Cḡ, C%oPs PIPëPSPëPeP»Pë PI CḡPµP·C†P»CḡC,P°C,C- C-PSC,PµPSC†PëPIPsPSC— C,PµCḡP°PīC-C— PrC-C†CḡPµC,PëPeP°PjPë, PsP±PjPµP¶PµPSPSCŮ C†PīPsP¶PëPIP°PSPSCŮ C†PsP»C- P· C—P¶PµCḡ, PrC-P°CḡPµC— P°P±Ps P±P»CḡPIP°PSPSCŮ, PjPsP¶Pµ PIPëPSPëPePSC†C,Pë C†PëPjPīC,PsPjP°C,PëC†PSP° PiC-PīPsC,PµPSP·C-CŮ, PsC†PsP±P»PëPIPs PiC-C†P»CŮ PīCḡPëPNḡPsPjC† PīPµCḡC€PsC— PrPsP·Pë. P PµPePsPjPµPSPPrPsPIP°PSPs C†C†C†PSC†C,Pë C†C- C†C,P°PSPë PrPs PīPsC†P°C,PeC† P»C-PeC†PIP°PSPSCŮ PīCḡPµPīP°CḡP°C,PsPj PḡC,C,PµPSC,Ps^{B®} P°P±Ps PIC†C,P°PSPsPIPëC,Pë CḡPµC,PµP»CḡPSPµ C†PīPsC†C,PµCḡPµP¶PµPSPSCŮ P·P° C†C,P°PSPsPj PīP°C†C-C" PSC,P° PSP° PīPsC†P°C,PeC† P»C-PeC†PIP°PSPSCŮ.

P†PSC€C- C†C,P°PSPë, C%oPs C†CđPīCḡPsPIPsPrP¶CđCḡC,CḡC†CŮ C†C,PëPjCđP»CŮC†C-C" Cḡ CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPS-P°P»CḡPrPsC†C,PµCḡPsPSPsPIPsC— C†PëC†C,PµPjPë

PµP°C†C-C" PSC,Pë, C† CŮPePëC... C†C†PrPëPSPSPëPNḡ C,PsPSC†C† C- C,,C†PSPeC†C-CŮ PSPëCḡPsPe PIPµP»PëPePsCḡ PjC-CḡPsCḡ P·P°P»PµP¶P°C,Cḡ PIC-Pr P°PeC,PëPIPSPsC†C,C- CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPS-P°P»CḡPrPsC†C,PµCḡPsPSPsPIPsC— C†PëC†C,PµPjPë (PSP°PīCḡPëPeP»P°Pr PīP°C†C-C" PSC,Pë P· C,CŮP¶PePsCḡ P·P°C†C,C-PNḡPSPsCḡ C†PµCḡC†PµPIPsCḡ PSPµPrPsC†C,P°C,PSC-C†C,Cḡ P°P±Ps P· C...PIPsCḡPsP±PsCḡ PSPëCḡPsPe, PIPeP»CḡC†P°CḡC†Pë C†C,PµPSPsP· PSPëCḡPePsPIPsC— P°CḡC,PµCḡC-C—), PjPsP¶C†C,Cḡ CḡPµP°PīC†PIP°C,Pë PSP° C-PSC€C- PīCḡPµPīP°CḡP°C,Pë, C%oPs PIPīP»PëPIP°CḡC,Cḡ PSP° C†Cḡ C†PëC†C,PµPjC† (C,P°PeC- CŮPe P°PSC,P°PiPsPSC-C†C,Pë CḡPµC†PµPīC,PsCḡC-PI P°PSPiC-PsC,PµPSP·PëPSC† II), PīPsC†C,CḡPsCḡ PiC-PīPsC,PµPSP·C-C" Cḡ, P°P·PsC,PµPjC-C" Cḡ, PsP»C-PiC†CḡC-C" Cḡ P°P±Ps CḡC-PrPePs - PīPsC†C,CḡPsCḡ PSPëCḡPePsPIPsCḡ PSPµPrPsC†C,P°C,PSC-C†C,Cḡ.

P PμPSPsPIP°CÍPεCzP»CÍCTPSP° PiC-PiPμCTC,PμPSP·C-CÍ

P—P°CÍC,PsCÍCfPIP°PSPSCÍ PiCTPμPiP°CTP°C,C-PI, C%Ps PIPiP»PëPIP°CTC,CH PSP°
CTPμPSC-PS-P°SPiC-PsC,PμPSP·PëPS-P°P»CHPrPsCÍC,PμCTPSPSPsPICr CÍPëCÍC,PμPjCf, CÍ
C...PIPSCfPëC... P· PrPIPsP±C-CfPSPëPj CÍC,PμPSPsP·PsPj PSPëCTPεPsPIPsC—
P°CTC,PμCTC-C— P°P±Ps CÍC,PμPSPsP·PsPj P°CTC,PμCTC-C— C”PrPëPSPsC—
C,,CfPSPeCfC-PsPSCrCTCfPsC— PSPëCTPεPë PiPsPIBf™ CÍP·P°PSPμ P· PiC-PrPIPëC%PμPSPëPj
CTPëP·PëPePsPj C,CÍP¶PePsC— PiC-PiPsC,PμPSP·C-C— C,P° PSPëCTPεPsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C-.

*PμPsCTCzCεPμPSPSCÍ C,,CzPSPeCfC-C— PSPëCTPεPsPe C- C,CTP°PSCÍPiP»P°PSC,P°CfC-CÍ
PSPëCTPεPë*

PμCTPë P·P°CÍC,PsCÍCfPIP°PSPSC- PiCTPμPiP°CTP°C,Cf PñC,C,PμPSC,Ps^{B®} PiP°CfC-C”PSC,P°Pj
P· PiPsCTCfCεPμPSPSCÍPj C,,CfPSPeCfC-C— PSPëCTPεPsPe CTpμPePsPjPμPSPrCfC”C,CHCÍCÍ
PiPμCTC-PsPrPëCfPSPëPñ PePsPSC,CTPSP»CH PePsPSCfPμPSC,CTP°CfC-C— PeP°P»C-CT C,P°
PeCTPμP°C,PëPSC-PSCr PI CÍPëCTPεPsPIP°C,CfC-. P—P°CÍC,PsCÍCfPIP°PSPSCÍ
PñC,C,PμPSC,Ps^{B®} PSPμ CTpμPePsPjPμPSPrCfC”C,CHCÍCÍ PiCTPë C,CÍP¶PePsPjCf
PiPsCTCfCεPμPSPSC- C,,CfPSPeCfC-C— PSPëCTPεPsPe (PeP»C-CTpμPSCÍ
PeCTPμP°C,PëPSC-PSCr < 20 PjP»/C...PI). P”PsCÍPIC-Pr P·P°CÍC,PsCÍCfPIP°PSPSCÍ
PiCTPμPiP°CTP°C,Cf PñC,C,PμPSC,Ps^{B®} PiP°CfC-C”PSC,P°Pj, CÍPeC- PSPμC%PsPrP°PIPsPs
PiPμCTPμPSPμCÍP»Pë C,CTP°PSCÍPiP»P°PSC,P°CfC-CT PSPëCTPεPë, P°P±Ps
PiP°CfC-C”PSC,P°Pj P· C,PμCTPjC-PSP°P»CHPSPsCT PSPëCTPεPsPIPsCT
PSPμPrPsCÍC,P°C,PSC-CÍC,CT (PSP°PiCTPëPeP»P°Pr, PeP»C-CTpμPSCÍ
PeCTPμP°C,PëPSC-PSCr < 12 PjP»/C...PI) PIC-PrCÍCfC,PSC-Pñ (PrPëPI. CTpSP·PrC-P»Pë
B«PÿPiPsCÍC-P± P·P°CÍC,PsCÍCfPIP°PSPSCÍ C,P° PrPsP·PëB» C,P°
B«PαP°CTPjP°PePsPeC-PSPμC,PëPeP°B»).

*PμPsPrPIC-PñPSP° P±P»PsPeP°PrP° CTpμPSC-PS-P°SPiC-PsC,PμPSP·PëPS-
P°P»CHPrPsCÍC,PμCTPSPSPsPIPsC— CÍPëCÍC,PμPjPë (P PñPñPÿ)*

P,, CÍPIC-PrCfPμPSPSCÍ, C%Ps CÍPiC-P»CHPSPμ P·P°CÍC,PsCÍCfPIP°PSPSCÍ
C-PSPiC-P±C-C,PsCTC-PI PñPμPα C,P° P±P»PsPeP°C,PsCTC-PI CTpμCfPμPiC,PsCTC-PI
P°SPiC-PsC,PμPSP·PëPSCr II P°P±Ps P°P»C-CÍPeC-CTpμPSCr P·P±C-P»CHCεCfC” CTpëP·PëPe
CTpSP·PIPëC,PeCf P°CTC,PμCTC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C—,
PiC-PiPμCTPεP°P»C-C”PjC-C— C- P·PSPëP¶PμPSPSCÍ C,,CfPSPeCfC-C— PSPëCTPεPsPe (PI
C,PsPjCf CfPëCÍP»C- PiPsCÍC,CTpSP— PSPëCTPεPsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-).
PÿPsPjCf PiPsPrPIC-PñPSP° P±P»PsPeP°PrP° P PñPñPÿ PSP° C,P»C- CÍPiC-P»CHPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCÍ C-PSPiC-P±C-C,PsCTC-PI PñPμPα C,P° P±P»PsPeP°C,PsCTC-PI
CTpμCfPμPiC,PsCTC-PI P°SPiC-PsC,PμPSP·PëPSCr II P°P±Ps P°P»C-CÍPeC-CTpμPSCr PSPμ
CTpμPePsPjPμPSPrCfC”C,CHCÍCÍ (PrPëPI. CTpSP·PrC-P» B«P’P°C”PjPsPrC-CÍ P·
C-PSCεPëPjPë P»C-PeP°CTCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCεC- PIPëPrPë
PIP·P°C”PjPsPrC-PñB»).

PiPeC%Ps C,PμCTP°PiC-CÍ P· PiPsPrPIC-PñPSPsCT P±P»PsPeP°PrPsCT C”
P°P±CÍPsP»CTC,PSPs PSPμPsP±C...C-PrPSPsCT, C,Ps PIPsPSP° PiPsPIPëPSPSP°
PiCTPSPsPIPsPrPëC,PëCÍCÍ C,C-P»CHPePë PiC-Pr PSP°PiP»CÍPrPsPj C,,P°C...C-PICfCÍ, P°
C,P°PePsP¶ PSP° C,P»C- CTpμC,PμP»CHPSPsPiPs CÍPiPsCÍC,PμCTPμP¶PμPSPSCÍ P·P°
C,,CfPSPeCfC-C”CT PSPëCTPεPsPe, CTc-PIPsPμPj PμP»PμPeC,CTpSP»C-C,C-PI C-
P°CTC,PμCTC-P°P»CHPSPsPiPs C,PëCÍPeCf.

PÿPiC-P»CHPSPμ P·P°CÍC,PsCÍCfPIP°PSPSCÍ C-PSPiC-P±C-C,PsCTC-PI PñPμPα C,P°

P±P»PsPeP°C,PsCḡC-PI CḡPμC†PμPīC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PēPSCr II
PīCḡPsC,PēPīPsPeP°P·P°PSPs PīP°C†C-C”PSC,P°Pj P· PrC-P°P±PμC,PēC†PSPsCḡ
PSPμC,,CḡPsPīP°C,C-C”Cḡ.

PμPsCḡCáCεPμPSPSCḡ C,,CáPSPeC†C-C— PīPμC†C-PSPePē

Pj PīP°C†C-C”PSC,C-PI P· PīPsCḡC†CεPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē
P·P±C-P»CḡCεC†C”C,CḡC†Cḡ PμPeC†PīPsP·PēC†C-Cḡ P°PjP»PsPrPēPīC-PSCr C,P°
PsP»PjPμC†P°CḡC,P°PSCr PjPμPrPsPeC†PsPjC-P»C† (PrPēPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»). PḡC,C,PμPSC,Ps^{B®} C†P»C-Pr P·
PsP±PμCḡPμPḡPSC-C†C,Cḡ PīCḡPēP·PSP°C†P°C,Pē PīP°C†C-C”PSC,P°Pj P·
PīPsCḡC†CεPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē P»PμPīPePsPīPs P°P±Ps
PīPsPjC-CḡPSPsPīPs C†C,C†PīPμPSCḡ. P”P»Cḡ PīP°C†C-C”PSC,C-PI P· PīPsPjC-CḡPSPēPj
PīPsCḡC†CεPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē PrPsP·P° PsP»PjPμC†P°CḡC,P°PSCr
PjPμPrPsPeC†PsPjC-P»C† PSPμ PīPsPīPēPSPSP° PīPμCḡPμPīPēC%oC†PIP°C,Pē 20 PjPī (PrPēPI.
CḡPsP·PrC-P» B«PḡPīPsC†C-P± P·P°C†C,PsC†C†PIP°PSPSCḡ C,P° PrPsP·PēB»).

PμP°C†C-C”PSC,P°Pj P· PīPsCḡC†CεPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē
PīCḡPēPḡPḡPsPj P°PjP»PsPrPēPīC-PSCr C†P»C-Pr PīPsC†PēPSP°C,Pē P· PSP°PḡPSPēPḡC†PsC—
PrPsP·Pē C- PrPsC,CḡPēPjC†PIP°C,PēC†Cḡ PsP±PμCḡPμPḡPSPsC†C,C- CḡPe PSP°
PīPsC†P°C,PeC† P»C-PeC†PIP°PSPSCḡ, C,P°Pe C- PīCḡPē PīC-PrPIPēC%oPμPSPSC- PrPsP·Pē.
PḡC,C,PμPSC,Ps^{B®} PīCḡPsC,PēPīPsPeP°P·P°PSPēPḡ PīP°C†C-C”PSC,P°Pj P· C,CḡPḡPēPēPj
PīPsCḡC†CεPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē (PrPēPI. CḡPsP·PrC-P»
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSCḡB»).

P”C-PīPμCḡPeP°P»C-C”PjC-Cḡ

PīPe C- PīCḡPē P·P°C†C,PsC†C†PIP°PSPSC- C-PSCεPēC... P°PSC,P°PīPsPSC-C†C,C-PI
P°PSPiC-PsC,PμPSP·PēPSCr II C,P° C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα, PīCḡPē
P»C-PeC†PIP°PSPSC- PīCḡPμPīP°CḡP°C,PsPj PḡC,C,PμPSC,Ps^{B®} PjPsPḡPμ PīPēPSPēPePSCrC,Pē
PīC-PīPμCḡPeP°P»C-C”PjC-Cḡ, PsC†PsP±P»PēPIPḡ PīCḡPē PīPsCḡC†CεPμPSPSC-
C,,C†PSPeC†C-C— PSPēCḡPsPe C,P°/P°P±Ps C†PμCḡC†PμPIC-Pḡ PSPμPrPsC†C,P°C,PSPsC†C,C-
(PrPēPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P· C-PSCεPēPjPē P»C-PeP°CḡC†CḡPēPēPjPē
P·P°C†PsP±P°PjPē C,P° C-PSCεC- PIPēPrPē PIP·P°C”PjPsPrC-PḡB»).

PμP°C†C-C”PSC,P°Pj P·
C†C-C”C— PīCḡC†PīPē CḡPēP·PēPeC† CḡPμPePsPjPμPSPrC†C”C,CḡC†Cḡ C†P°C†C,PēPḡ
PePsPSC,CḡPsP»Cḡ CḡC-PIPSCḡ C†PēCḡPsPīP°C,PePsPīPsPīPs PeP°P»C-Cḡ.

PμCḡPμPīP°CḡP°C, P· PsP±PμCḡPμPḡPSC-C†C,Cḡ PīCḡPēP·PSP°C†P°CḡC,Cḡ C†
PīPsC”PrPSP°PSPSC- P· PeP°P»C-C”PIPēPjPē PrPsP±P°PIPēP°PjPē,
PeP°P»C-PḡP·P±PμCḡC-PiP°CḡC†PēPjPē PrC-C†CḡPμC,PēPeP°PjPē, P·P°PjC-PSPSPēPeP°PjPē
C†PsP»C-, C%oPs PjC-C†C,CḡC,Cḡ PeP°P»C-Pḡ, P°P±Ps C-PSCεPēPjPē
P»C-PeP°CḡC†CḡPēPēPjPē P·P°C†PsP±P°PjPē, CḡPeC- PjPsPḡC†C,Cḡ PīC-PrPIPēC%oPēC,Pē
CḡC-PIPμPSCḡ PeP°P»C-Cḡ (PīPμPīP°CḡPēPS C,PsC%oPs); PīCḡPē C†CḡPsPjC†
CḡPμPePsPjPμPSPrC†C”C,CḡC†Cḡ CḡPμPīC†P»CḡCḡPSPēPḡ PePsPSC,CḡPsP»Cḡ CḡC-PIPSCḡ
PeP°P»C-Cḡ PI PeCḡPsPIC-.

PμCḡPμPīP°CḡP°C,Pē P»C-C,C-Cḡ

PīPe C- PīCḡPē P·P°C†C,PsC†C†PIP°PSPSC- C-PSCεPēC... P°PSC,P°PīPsPSC-C†C,C-PI
P°PSPiC-PsC,PμPSP·PēPSCr II, PsPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCḡ
PḡC,C,PμPSC,Ps^{B®} C- PīCḡPμPīP°CḡP°C,C-PI P»C-C,C-Cḡ PSPμ
CḡPμPePsPjPμPSPrC†C”C,CḡC†Cḡ (PrPēPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P·
C-PSCεPēPjPē P»C-PeP°CḡC†CḡPēPēPjPē P·P°C†PsP±P°PjPē C,P° C-PSCεC- PIPēPrPē

PIP·P°C”PjPsPrC-C-B»).

*PŸC, PµPSPsP· CžCŸC, CŸ P°PsCŸC, Pë P°P±Ps PjC-C, CŸP°P»CHPSPsPiPs PeP»P°PiP°PSP°;
PsP±CŸC, CŸCžPeC, PëPIPSP° PiC-PiPµCŸC, CŸPsC,, C-CžPSP° PeP°CŸPrC-PsPjC-PsPiP°C, C-CŸ*

PJ P·PIBŸ™ CŸP·PeCr P· PSP°CŸPIPSC-CŸC, CŸ PI CŸPeP»P°PrC- PiCŸPµPiP°CŸP°C, Cr
PŸC, C, PµPSC, Ps^{B®} P°PjP»PsPrPëPiC-PSCr, CŸPe C- C%PsPrPs C-PSC€PëC...
CŸCŸPrPëPSPsCŸPsP·C€PëCŸCŸPIP°P»CHPSPëC... P·P°CŸPsP±C-PI,
CŸPµPePsPjPµPSPPrCŸC”C, CŸCŸCŸ PrPsC, CŸPëPjCŸPIP°C, PëCŸCŸ PsCŸPsP±P»PëPIPsC—
PsP±PµCŸPµPŸPSPsCŸC, C- PiCŸPë PiCŸPëP·PSP°CžPµPSPSC- PiP°C†C-C”PSC, P°Pj P·C-
CŸC, PµPSPsP·PsPj CrCŸC, CŸ P°PsCŸC, Pë P°P±Ps PjC-C, CŸP°P»CHPSPsPiPs PeP»P°PiP°PSP°
P°P±Ps PsP±CŸC, CŸCŸPeC, PëPIPSPsCŸ PiC-PiPµCŸC, CŸPsC,, C-CžPSPsCŸ
PeP°CŸPrC-PsPjC-PsPiP°C, C-C”CŸ.

PµPµCŸPIPëPSPSPëPŸ P°P»CHPrPsCŸC, PµCŸPsPSC-P·Pj

PµP°C†C-C”PSC, Pë P· PiPµCŸPIPëPSPSPëPj P°P»CHPrPsCŸC, PµCŸPsPSC-P·PjPsPj
P·P°P·PIPëCžP°PŸ PSPµ CŸPµP°PiCŸCŸC, CŸ PSP° PiC-PiPsC, PµPSP·PëPIPSC-
PiCŸPµPiP°CŸP°C, Pë, C%Ps PiCŸPëPiPSC-CžCŸC, CŸ CŸPµPSC-PS-
P°PSPiC-PsC, PµPSP·PëPSPsPICŸ CŸPëCŸC, PµPjCr. PŸPsPjCr P·P°CŸC, PsCŸCŸPIP°PSPSCŸ
PŸC, C, PµPSC, Ps^{B®} PSPµ CŸPµPePsPjPµPSPPrPsIP°PSPs C, P°PePëPj PiP°C†C-C”PSC, P°Pj.

PŸPµCŸCžPµPIP° PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ

PJ P·PIBŸ™ CŸP·PeCr P· PiCŸPëPiPSC-CžPµPSPSCŸPj P°PSPiC-PsC, PµPSP·PëPS-
P°P»CHPrPsCŸC, PµCŸPsPSPsPiPsC— CŸPëCŸC, PµPjPë PjPsPŸP»PëPIPµ PiPsCŸCŸC€PµPSPSCŸ
C,, CrPSPeC†C-C— PSPëCŸPsPe Cr CŸC... PëP»CHPSPëC... PrPs C†CHPsPiPs PiP°C†C-C”PSC, C-PI.
Pj PiP°C†C-C”PSC, C-PI P· C, CŸPŸPePsCŸ CŸPµCŸCžPµPiPsCŸ PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ,
Cr CŸPePëC... PjPsPŸP»PëPIP° P·P°P»PµPŸPSC-CŸC, CŸ PSPëCŸPePsPiPsC— C,, CrPSPeC†C-C—
PIC-Pr P°PeC, PëPIPSPsCŸC, C- CŸPµPSC-PS-P°PSPiC-PsC, PµPSP·PëPS-
P°P»CHPrPsCŸC, PµCŸPsPSPsPiPsC— CŸPëCŸC, PµPjPë, P»C-PeCrPiP°PSPSCŸ
C-PSPiC-P±C-C, PsCŸP°PjPë P°PSPiC-PsC, PµPSP·PëPSPiPµCŸPµC, PiPsCŸCŸPIP°P»CHPSPsPiPs
C,, PµCŸPjPµPSC, Cr (PŸPµPŸ) C- P°PSC, P°PiPsPSC-CŸC, P°PjPë CŸPµC†PµPiC, PsCŸC-PI
P°PSPiC-PsC, PµPSP·PëPSCr PjPsPŸPµ CŸCŸPiCŸPsPiPsPrPŸCŸPIP°C, PëCŸCŸ
PsP»C-PiCŸCŸC-C”CŸ C-/P°P±Ps PiCŸPsPiCŸPµCŸCŸCžPsCŸ P°P·PsC, PµPjC-C”CŸ C-
(CŸC-PrPePs) PiPsCŸC, CŸPsCŸ PSPëCŸPePsPiPsCŸ PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ C, P°/P°P±Ps
CŸPjPµCŸC, CŸ.

PµP°C†C-C”PSC, P°Pj C-P· CŸPµCŸCžPµPiPsCŸ PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ C, PµCŸP°PiC-CŸ
CŸP»C-Pr PiCŸPsPiPsPrPëC, Pë P· PsP±PµCŸPµPŸPSC-CŸC, CŸ. PJ
PrPsPiPsCŸC, CŸPsPePsPiPsPjCr PiP»P°C†PµP±Ps-PePsPSC, CŸPsP»CHPsPiP°PSPsPjCr
PrPsCŸP»C-PrPŸPµPSPSC- P°PjP»PsPrPëPiC-PSCr Cr PiP°C†C-C”PSC, C-PI P· C, CŸPŸPePsCŸ
CŸPµCŸCžPµPiPsCŸ PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ (NYHA III C- IV) PeC-P»CHPeC-CŸC, CŸ
PiPsPIC-PrPsPjP»PµPSCŸ PiCŸPs CŸPsP·PiPëC, PsPe PSP°P±CŸCŸPeCr P»PµPiPµPSC-PI Cr
PiCŸCŸPiC- P°PjP»PsPrPëPiC-PSCr P±CŸP»P° P±C-P»CHC€PsCŸ PI PiPsCŸC-PiPSCŸPSPSC- P·
PiCŸCŸPiPsCŸ PiP»P°C†PµP±Ps (PrPëPI. CŸPsP·PrC-P» B«PŸP°CŸPjP°PePsPrPëPSP°PjC-PeP°B»).
P’P»PsPeP°C, PsCŸPë PeP°P»CHC†C-C”PiPëC... PeP°PSP°P»C-PI, PiPeP»CŸCžP°CŸCžPë
P°PjP»PsPrPëPiC-PS, CŸP»C-Pr P· PsP±PµCŸPµPŸPSC-CŸC, CŸ P·P°CŸC, PsCŸPsPICŸPIP°C, PëB
PiP°C†C-C”PSC, P°Pj C-P· P·P°CŸC, C-PŸPSPsCŸ CŸPµCŸCžPµPiPsCŸ
PSPµPrPsCŸC, P°C, PSC-CŸC, CŸ, PsCŸPeC-P»CHPePë C†C- PiCŸPµPiP°CŸP°C, Pë PjPsPŸCŸC, CŸ
PiC-PrPiPëC%CrPiP°C, Pë CŸPëP·PëPe PiPëPSPëPePSPµPSPSCŸ CŸPiPëC% P· P±PsPeCr
CŸPµCŸCžPµPiPs-CŸCŸPrPëPSPSPsC— CŸPëCŸC, PµPjPë PI PjP°PŸP±CŸC, PSCŸPsPjC C-

СГРјРμСГС, PSC-СГС, СГ.

РҮРiСГСз-РiPsPrC-P±PSP° РμPSC, РμСГСРiP°С, С-СГ

PJ PrCfP¶Pμ СГС-PrPeC-СГPSPeC... PIPePiP°PrPeP°С... PiPsPIC-PrPsPjP»СГP»Pë PiСГСРs
C, СГP¶PeCf C... СГСРsPSC-C±PSCf PrC-P°СГРμСГ P·C- P·PSP°С±PSPsСГ PIC, СГР°С, PsСГ
PjP°СГРë C, C-P»P°, C%Ps СГСРsP·PIPeP»P°СГСГ С±PμСГРμP· PeC-P»СГPеP° PjC-СГСГСГСГ-C-PI
P°P±Ps СГСРsPeC-PI PiC-СГР»СГ PiPsC±P°С, PeCf P»C-PeCfPIP°PSPSCГ Cr PiP°СГС-C" PSC, C-PI,
СГPeC- PiСГРePNePjP°P»Pë PsP»PjPμСГР°СГС, P°PS; PiСГРeC±PëPSPsСГ C—C—
PIPePSPePePSPμPSPSCГ C", C-PjPsPIC-СГPSPs, PjC-СГСГСГPμPIP° PIC-PrCfC, СГСРsC±PμPSP°
СГРμP°PeCГС-СГ PiC-PiPμСГСГCfC, P»PëPIPсГГС, C-. P PμP·CfP»СГС, P°С, Pë P±C-PsPiCfC-C—
СГР»PëP·PsPIPсC— PsP±PsP»PsPSPePë PePëC€PμC±PSPePeCf Cr C, P°PePëC...
PiP°СГС-C" PSC, C-PI C±P°СГС, Ps PrPμPjPsPSCfC, СГСРPIP°P»Pë P°С, СГСРsC,, C-СГ
PePëC€PePsPIPeC... PIPсСГСГPëPSPsPe. PiPeC%Ps C, P°PeC- СГPëPjPiC, PsPjPë
PIPePSPePeP°СГС, СГ Cr PiP°СГС-C" PSC, P° PiC-Pr C±P°СГ P»C-PeCfPIP°PSPSCГ
PsP»PjPμСГР°СГС, P°PSPsPj C, P° P·P° PIC-PrCfCfC, PSPсГГС, C- C-PSC€PëC... СГPIPSPeC...
PiСГРeC±PëPS, СГР»C-Pr PSPμPiP°PNePSPs PIC-PrPjC-PSPeC, Pë P·P°СГС, PsCfCfPIP°PSPSCГ
PsP»PjPμСГР°СГС, P°PSCf C, P° PSPμ СГСРsP·PiPsC±PëPSP°С, Pë PNePsPiPs PiСГРePNePsPj
P·PSPsPICf. PiPeC%Ps PrC-P°СГРμСГ PSPμ PjPëPSP°С" PiСГСРsC, СГPiPsPj C, PëP¶PSCГ
PiC-СГР»СГ PIC-PrPjC-PSPë PiСГРμPiP°СГР°С, Cr, СГР»C-Pr СГСРsP·PiP»СГPSCfC, Pë
PSPμPsP±C... C-PrPSC-СГС, СГ PePsPSCfCfP»СГС, P°СГС-C— Cr PIC-PrPiPsPIC-PrPSPsPiPs
СГPiPμCГС-P°P»C-СГС, P° (PSP°PiСГРePeP»P°Pr PiP°СГС, СГСРsPμPSC, РμСГСРsP»PsPiP°).

РҮPSPiC-PsPSPμPICСГСРsC, PëC±PSPePNe PSP°P±СГСГPе PePëC€PμC±PSPePeCz.

PμPsPIC-PrPsPjP»СГP»PsCfCГ PiСГСРs PIPePiP°PrPePë P°PSPiC-PsPSPμPICСГСРsC, PëC±PSPsPiPs
PSP°P±СГСГPеCf PePëC€PμC±PSPePeCf Cr PiP°СГС-C" PSC, C-PI, СГPeC-
P·P°СГС, PsCfPsPICfPIP°P»Pë P±P»PsPeP°С, PsСГРë СГРμCГPμPiC, PsСГС-PI
P°PSPiC-PsC, PμPSP·PëPSCf II, [PIPeP»СГСГP°СГС±Pë PsP»PjPμСГР°СГС, P°PS] (PrPëPI.
СГСРsP·PrC-P» B«PμPsP±C-C±PSC- СГРμP°PeCГС-C—B»). Pj CГPëC... PiP°СГС-C" PSC, C-PI
СГPiPsCfC, РμСГС-PiP°PICfCГ P±C-P»СГ Cr P¶PëPIPсC, C-, PSCfPrPsC, P°, P±P»СГPPIP°PSPSCГ
C, P° PrC-P°СГРμСГ. PҮPëPjPiC, PsPjPë PjPëPSP°P»Pë PiC-СГР»СГ PIC-PrPjC-PSPë
P±P»PsPeP°С, PsСГС-PI СГРμCГPμPiC, PsСГС-PI P°PSPiC-PsC, PμPSP·PëPSCf PГPГ. PiPeC%Ps
PrC-P°PiPSPсГГС, PsPIP°PSPs P°PSPiC-PsPSPμPICСГСРsC, PëC±PSPePNe PSP°P±СГСГPе
PePëC€PμC±PSPePeCf, P·P°СГС, PsCfCfPIP°PSPSCГ PsP»PjPμСГР°СГС, P°PSCf СГР»C-Pr
PiСГРePiPëPSPeC, Pë C, P° СГСРsP·PiPsC±P°С, Pë PIC-PrPiPsPIC-PrPSPePNe PjPsPSC-C, PsСГРePSPi
PrPs PiPsPIPSPsPiPs P·PSPePePSPμPSPSCГ СГPëPjPiC, PsPjC-PI.

P·C, PSC-C±PSC- PIC-PrPjC-PSPSPсГГС, C-

PiPe C- C%PsPrPs C-PSC€PëC... P°PSC, P°PiPsPSC-СГС, C-PI СГРμCГPμPiC, PsСГС-PI
P°PSPiC-PsC, PμPSP·PëPSCf II, PiC-PiPsC, PμPSP·PëPIPSPePNe PμC,, PμPeC, PҮC, C, PμPSC, Ps^{B®} Cr
PiСГРμPrCfC, P°PIPSPePeC-PI PSPμPiСГСРsC—PrPSPсC— СГР°СГPë PjPsP¶Pμ P±CfC, Pë
PrPμC%Ps PjPμPSC€PëPj, PSC-P¶ Cr C-PSC€PëC... PiP°СГС-C" PSC, C-PI, PjPsP¶P»PëPIPс,
PIPSP°СГР»C-PrPsPe P±C-P»СГС€PsC— PiPsC€PëСГРμPSPсГГС, C- PSPeP·СГPеPsPiPs
СГС-PIPSCГ СГРμPSC-PSCf PI CГC-PNe PiPsPiCfP»СГСГС-C—.

PμP°СГС-C" PSC, Pë P»C-C, PSCHPsPiPs PIC-PeCz

PμC-PrPIPeC%СГРPIP°С, Pë PrPsP·Cr PiСГРμPiP°СГР°С, Cr PiСГРë P»C-PeCfPIP°PSPSC-
PiP°СГС-C" PSC, C-PI P»C-C, PSCHPsPiPs PIC-PeCf СГР»C-Pr P· PsP±PμСГРμP¶PSC-СГС, СГ
(PrPëPI. СГСРsP·PrC-P» B«PαP°СГРPjP°PePsPeC-PSPμC, PëPeP°B»).

P°PiC-C,PSC-CÍC,CH

PḥPSC,P°PiPsPSC-CÍC,Pë CḥPµC†PµPíC,PsCḥC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P† PSPµ
CÍP»C-Pr CḥPsP·PíPsC†PëPSP°C,Pë P·P°CÍC,PsCÍPSPiCÍPIP°C,Pë PíC-Pr C†P°CÍ
PIP°PiC-C,PSPsCÍC,C-. PµP°C†C-C°PSC,PeP°Pj, CÍPeC- PíP»P°PSCrCḥC,CH
PIP°PiC-C,PSC-CÍC,CH, CÍP»C-Pr P·PjC-PSPëC,Pë P°PSC,PëPíC-PíPµCḥC,PµPSP·PëPIPSCr
C,PµCḥP°PíC-Cḥ PSP° P°P»CHC,PµCḥPSP°C,PëPIPSCr, CÍPeP° PjP°C” PrPsPIPµPrPµPSPëPÑ
PíCḥPsC,,C-P»CH P±PµP·PíPµPePë PrP»CÍ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PIP°PiC-C,PSPëPj.
PíPeC%Ps PICÍC,P°PSPsPIP»PµPSPs PIP°PiC-C,PSC-CÍC,CH, P»C-PeCÍPIP°PSPSCÍ
P°PSC,P°PiPsPSC-CÍC,P°PjPë CḥPµC†PµPíC,PsCḥC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P†
CÍP»C-Pr PSPµPIP°PÑPSPs PíCḥPëPíPëPSPëC,Pë C- PI CḥP°P·C- PíPsC,CḥPµP±Pë
CḥPsP·PíPsC†P°C,Pë P°P»CHC,PµCḥPSP°C,PëPIPSCr C,PµCḥP°PíC-Cḥ (PrPëPI. CḥPsP·PrC-P»Pë
B«PµCḥPsC,PëPíPsPeP°P·P°PSPSCÍB» C,P° B«P—P°CÍC,PsCÍCÍPIP°PSPSCÍ CÍ PíPµCḥC-PsPr
PIP°PiC-C,PSPsCÍC,C- P°P±Ps PíPsPrCÍPIP°PSPSCÍ PíCḥCÍPrPrCḥB»).

P†PSCëPµ

PíPe C- PíCḥPë P·P°CÍC,PsCÍCÍPIP°PSPSC- P±CÍPrCḥ-CÍPePëC...
PiC-PíPsC,PµPSP·PëPIPSPëC... P·P°CÍPsP±C-PI, PSP°PrPjC-CḥPSPµ P·PSPëP¶PµPSPSCÍ
P°CḥC,PµCḥC-P°P»CHPSPsPiPs C,PëCÍPeCÍ CÍ PíP°C†C-C°PSC,C-PI P· C-CëPµPjC-C†PSPsCḥ
C...PIPSCḥPsP±PsCḥ CÍPµCḥC†CÍ P°P±Ps P· PíPsCḥCÍCëPµPSPSCÍPj PjPsP·PePsPiPs
PeCḥPsPiPsP±C-PiCÍ PjPsP¶Pµ PíCḥPëP·PIPµCÍC,Pë PrPs C-PSC,,P°CḥPeC,Cr
PjC-PsPeP°CḥPrP° P°P±Ps C-PSCÍCÍP»CHC,CÍ.

PíPµPÑ P»C-PeP°CḥCÍCḥPePëPÑ P·P°CÍC-P± PjC-CÍC,PëC,CH PjPµPSCëPµ PSC-P¶ 1
PjPjPsP»CH PSP°C,CḥC-Cḥ (23 PjPi) PI 1 C,P°P±P»PµC,C†C-, PíPeCḥPëC,C-PÑ
PíP»C-PIPePsPiPsCḥ PsP±PsP»PsPSPePsCḥ, P° PIC-PrC,P°Pe PíPIP°P¶P°C”C,CHCÍCÍ
PíCḥP°PeC,PëC†PSPs PIC-P»CHPSPëPj PIC-Pr PSP°C,CḥC-Cḥ.

*P—P°CÍC,PsCÍCÍPIP°PSPSCÍ Cí PíPµCḥC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PíPsPrCÍPIP°PSPSCÍ PíCḥCÍPrPrCḥ.*

P°PiC-C,PSC-CÍC,CH (PrPëPI. CḥPsP·PrC-P» B«PµCḥPsC,PëPíPsPeP°P·P°PSPSCÍB»)

P”P°PSC- PíCḥPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PíCḥPµPíP°CḥP°C,Cr PḥC,C,PµPSC,Ps^{B®}
PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj PIC-PrCÍCÍC,PSC-. P”PsCÍP»C-PrP¶PµPSPSCÍ
C,PsPeCÍPëC†PSPsCÍC,C- PḥC,C,PµPSC,Ps^{B®} C%PsPrPs CḥPµPíCḥPsPrCÍPeC,PëPIPSPëC...
PsCḥPiP°PSC-PI PSP° C,PIP°CḥPëPSP°C... PSPµ PíCḥPsPiPsPrPëP»PëCÍCÍ.

*PḥP»PjPµCÍP°CḥC,P°PSCí PjPµPrPsPeCÍPsPjC-P» (PrC-CḥC†P° CḥPµC†PsPIPëPSP°
PḥC,C,PµPSC,Ps^{B®})*

P—P°CÍC,PsCÍCÍPIP°PSPSCÍ P°PSC,P°PiPsPSC-CÍC,C-PI P°PSPiC-PsC,PµPSP·PëPSCr II
PíCḥPsC,PëPíPsPeP°P·P°PSPs PIP°PiC-C,PSPëPj C- P¶C-PSPeP°Pj, CÍPeC- PíP»P°PSCrCḥC,CH
PIP°PiC-C,PSC-CÍC,CH (PrPëPI. CḥPsP·PrC-P»Pë B«PµCḥPsC,PëPíPsPeP°P·P°PSPSCÍB» C,P°
B«PḥCÍPsP±P»PëPIPSCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

P·PíC-PrPµPjC-PsP»PsPiC-C†PSC- PrP°PSC- C%PsPrPs CḥPëP·PëPeCÍ
C,PµCḥP°C,PsPiPµPSPSPsC— PrC-C— C-PSPiC-P±C-C,PsCḥC-PI PḥPµPḥ CÍ PíPµCḥCëPsPjCÍ
C,CḥPëPjPµCÍC,CḥC- PIP°PiC-C,PSPsCÍC,C- PSPµ PrP°CḥC,CH P·PjPsPiPë P·CḥPsP±PëC,Pë
PePsPSPeCḥPµC,PSC- PíPëCÍPSPsPiPePë, PsPrPSP°Pe CḥPëP·PëPe PíPsPrC-P±PSPëC...

РµС,,РµРёС,С-PI PīPsPIPSC-СГС,СҢ PIPёРёР»СҢС±РёС,Рё PSPµ PjPsP¶PSP°. РҢPsP¶PSP°
PīСҢPёPīСГСГС,РёС,Рё, С%Ps С-СГPSCГС” P°PSP°P»PsPiC-С±PSPёPNё СҢPёP·PёРё
PIC-PrPSPsСГPSPs P°PSC,P°PiPsPSC-СГС,С-PI СҢPµС±PµPīC,PsСҢС-PI
P°PSPiC-PsC,РµPSP·PёPSCГ II, PsСГРёС-Р»СҢРёРё РёPsPSC,СҢPsP»СҢPsPIP°PSC-
PµPīC-PrPµPjC-PsP»PsPiC-С±PSC- PrPsСГР»С-PrP¶PµPSPSC¶B С±РёС... PīСҢPµPīP°СҢP°С,С-PI
PSPµ PīСҢPsPIPsPrPёP»PёСГС¶. РµP°С±С-С”PSC,РёP°Pj, С¶PёС- PīP»P°PSCГСҢС,СҢ
PIP°PiC-С,PSC-СГС,СҢ, СҢPµРёPsPjPµPSPPrСГС”С,СҢСГС¶PīPµСҢPµPNёС,Рё PSP° С-PSCёС-
PiC-PīPsC,РµPSP·PёPIPSC- PīСҢPµPīP°СҢP°С,Рё, P±PµP·PīPµРёP° С¶PёPёС... PīСҢPё
PIP°PiC-С,PSPsСГС,С- PrPsPIPµPrPµPSP°, С¶PёС%Ps С,С-Р»СҢРёРё СГ
P·P°СГС,PsСГСГPIP°PSPSC- P°PSC,P°PiPsPSC-СГС,С-PI СҢPµС±PµPīC,PsСҢС-PI
P°PSPiC-PsC,РµPSP·PёPSCГ II PSPµPjP°С” PSP°PīP°P»СҢPSPsC— PīPsC,СҢPµP±Pё. PµСҢPё
PIPёС¶PIP»PµPSPSC- PIP°PiC-С,PSPsСГС,С- СГP»С-Pr PSPµPīP°PNёPSPs PIC-PrPjC-PSPёС,Рё
P°PSC,P°PiPsPSC-СГС,Рё СҢPµС±PµPīC,PsСҢС-PI P°PSPiC-PsC,РµPSP·PёPSCГ II С- СГ СҢP°P·С-
PīPsC,СҢPµP±Pё PīСҢPёP·PSP°С±РёС,Рё P°P»СҢС,РµСҢPSP°С,РёPIPSPµ P»С-РёСГPIP°PSPSC¶.

Pj PrСҢСГPīPsPjСГ С- С,СҢPµС,СҢPsPjСГ С,СҢPёPjPµСГС,СҢP°С... P°PSC,P°PiPsPSC-СГС,Рё
СҢPµС±PµPīC,PsСҢС-PI P°PSPiC-PsC,РµPSP·PёPSCГ II С±PёPSC¶C,СҢ С,PsPёСГPёС±PSCГ
PrC-СҢ PSP° PīP»С-Pr (PīСҢPёPīPSC-С±PµPSPSC¶ С,,СГPSPёС±С-С— PSPёСҢPsPё,
PsP»С-PiPsPiC-PrСҢPsP°PjPSC-PsPS, P·P°С,СҢPёPjPёP° PsСГРёС,,С-РёP°С±С-С— РёС-СГС,PsPё
С±PµСҢPµPīP°) С,P° PSPsPIPsPSP°СҢPsPrP¶PµPSPsPiPs (PSPёСҢPёPsPIP°
PSPµPrPsСГС,P°С,PSC-СГС,СҢ, P°СҢС,РµСҢС-Р°P»СҢPSP° PiC-PīPsC,РµPSP·С-С¶,
PiC-PīPµСҢPёP°P»С-С”PjC-С¶) (PrPёPI. СҢPsP·PrC-Р» В«P”PsPёP»С-PSC-С±PSC- PrP°PSC- P·
P±PµP·PīPµРёPёB»).

Pj СҢP°P·С- PīСҢPёPNёPsPjСГ P°PSC,P°PiPsPSC-СГС,С-PI СҢPµС±PµPīC,PsСҢС-PI
P°PSPiC-PsC,РµPSP·PёPSCГ II PI PrСҢСГPīPsPjСГ P°P±Ps С,СҢPµС,СҢPsPjСГ
С,СҢPёPjPµСГС,СҢС- PSPµPsP±С...С-PrPSPёPNё РёPsPSC,СҢPsP»СҢ С,,СГPSPёС±С-С—
PSPёСҢPsPё С,P° PīСҢPsС±PµСГСГ PsСГРёС,,С-РёP°С±С-С— РёС-СГС,PsPё С±PµСҢPµPīP° СГ
PīP»PsPrP° P·P° PrPsPīPsPjPsPiPsСҢ PjP—P”. P—P° СГС,P°PSPsPj
PSPsPIPsPSP°СҢPsPrP¶PµPSPёС..., PjP°С,РµСҢС- С¶PёPёС... PīСҢPёPNёPjP°P»Pё
P°PSC,P°PiPsPSC-СГС,Рё СҢPµС±PµPīC,PsСҢС-PI P°PSPiC-PsC,РµPSP·PёPSCГ II, СГP»С-Pr
СГPīPsСГС,РµСҢС-PiP°С,Рё С%PsPrPs PjPsP¶P»PёPIPsC— P°СҢС,РµСҢС-Р°P»СҢPSPsC—
PiC-PīPsC,РµPSP·С-С— (PrPёPI. СҢPsP·PrC-Р»Pё В«PµСҢPsC,РёPīPsPёP°P·P°PSPSC¶B» С,P°
В«PҢСГPsP±P»PёPIPsСГС,С- P·P°СГС,PsСГСГPIP°PSPSC¶B»).

PҢPjP»PsPrPёPīC-PS (PrC-СҢС±P° СҢPµС±PsPIPёPSP° PҢС,С,РµPSC,Ps^{B®})

P”P°PSC-, PsC,СҢPёPjP°PSC- PI С...PsPrC- СГPīPsСГС,РµСҢPµP¶PµPSCҢ P·P°
PsP±PjPµP¶PµPSPsСҢ РёС-Р»СҢРёС-СГС,СҢ PIP°PiC-С,PSPёС... P¶C-PSPsPё, PSPµ
PīPsPёP°P·P°P»Pё, С%Ps P°PjP»PsPrPёPīC-PS P°P±Ps С-PSCёС- P°PSC,P°PiPsPSC-СГС,Рё
РёP°P»СҢС±С-С”PIPёС... СҢPµС±PµPīC,PsСҢС-PI С±PёPSC¶C,СҢ СёPёС-PrP»PёPIPёPNё
PIPīP»PёPI PSP° P·PrPsСҢPsPIBҢ™ С¶ PīP»PsPrP°. PҢPrPSP°Pё PīСҢPё С±СҢPsPjСГ С”
СҢPёP·PёPё PīPsPrPsPIP¶PµPSPSC¶ С,СҢPёPIP°P»PsСГС,С- PīPsP»PsPiC-PI.

P— PsPiP»С¶PrСГ PSP° PIPёС%PµP·PiP°PrP°PSPµ, PҢС,С,РµPSC,Ps^{B®}
PīСҢPsC,РёPīPsPёP°P·P°PSPёPNё PIP°PiC-С,PSPёPj P°P±Ps P¶C-PSPёP°Pj, С¶PёС-
PīP»P°PSCГСҢС,СҢ PIP°PiC-С,PSC-СГС,СҢ (PrPёPI. СҢPsP·PrC-Р»Pё
В«PµСҢPsC,РёPīPsPёP°P·P°PSPSC¶B» С,P° В«PҢСГPsP±P»PёPIPsСГС,С-
P·P°СГС,PsСГСГPIP°PSPSC¶B»).

P”PsPrCáPIP°PSPSC¶ PiСҢСáPrPrСҢ

PhP»PjPµCΓP°CḡC,P°PS PíCḡPsPSPëPeP°C” PI PjPsP»PsPePs P»P°PeC,CfCḡC±PëC...
C%oCfCḡC-PI. PhPrPSP°Pe PSPµPIC-PrPsPjPs, C±Pë PíCḡPsPSPëPeP°C” PsP»PjPµCΓP°CḡC,P°PS
Cf PíCḡCfPrPSPµ PjPsP»PsPePs Cf P¶C-PSPsPe. PhPjP»PsPrPëPíC-PS
PµPeCΓPeCḡPµC,CfC”C,CHCΓCḡC PI PiCḡCfPrPSPµ PjPsP»PsPePs P»CḡPrPëPSPë. P§P°CΓC,PeCf
PjP°C,PµCḡPëPSCΓCḡPePsC— PrPsP·Pë, PsC,CḡPëPjP°PSPsC— PSPµPjPsPIP»CḡPj, P±CfP»Ps
PsC†C-PSPµPSPs P·P° PjC-P¶PePIP°CḡC,PëP»CHPSPëPj PrC-P°PíP°P·PsPSPsPj 3-7 % P·
PjP°PeCΓPëPjCfPjPsPj 15 %. P’PíP»PëPI P°PjP»PsPrPëPíC-PSCf PSP° PSPµPjPsPIP»Cḡ
PSPµPIC-PrPsPjPëPñ. PµC-Pr C±P°CΓ PiPsPrCfPIP°PSPSCḡC PíCḡCfPrPrCḡ
P·P°CΓC,PsCΓCfPIP°PSPSCḡC PhC,C,PµPSC,Ps^{B®} PSPµ CḡPµPePsPjPµPSPrCfC”C,CHCΓCḡC C,P°
PSP°PrP°C”C,CHCΓCḡC PíPµCḡPµPIP°PíP° P°P»CHC,PµCḡPSP°C,PëPIPSPëPj C,PµCḡP°PíC-CḡPj
C-P· PeCḡP°C%oPëPj PrPsPIPµPrPµPSPëPj PíCḡPsC,,C-P»PµPj P±PµP·PíPµPePë Cf PíPµCḡC-PsPr
PiPsPrCfPIP°PSPSCḡC PíCḡCfPrPrCḡ, PsCΓPsP±P»PëPIPs PíC-Pr C±P°CΓ PiPsPrCfPIP°PSPSCḡC
PíCḡCfPrPrCḡ PSPsPIPsPSP°CḡPsPrP¶PµPSPëC... P°P±Ps PSPµPrPsPSPsCεPµPSPëC...
PSPµPjPsPIP»CḡC,.

PαPµCḡC,PëP»CHPSC-CΓC,CH

PµPsPIC-PrPsPjP»CḡP»Pë PíCḡPs PIPëPíP°PrPePë, PePsP»Pë Cf PrPµCḡPePëC...
PíP°C†C-C”PSC,C-PI, CḡPeC- PíCḡPëPñPjP°CḡC,CH P±P»PsPeP°C,PsCḡPë
PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI, PIPëPSPëPeP°P»Pë PsP±PsCḡPsC,PSC-
P±C-PsC...C-PjC-C±PSC- P·PjC-PSPë PI PiPsP»PsPIC†C- CΓPíPµCḡPjP°C,PsP·PsC—PrP°.
PḡP»C-PSC-C±PSPëC... PrP°PSPëC... C%oPsPrPs PíPsC,PµPSC†C-PñPSPsPiPs PIPíP»PëPICf
P°PjP»PsPrPëPíC-PSCf PSP° C,,PµCḡC,PëP»CHPSC-CΓC,CH PSPµPrPsCΓC,P°C,PSCḡPs. Pj
PrPsCΓP»C-PrP¶PµPSPSC- PSP° C%oCfCḡP°C... P±CfP»Ps PIPëCḡPIP»PµPSPs
PSPµP±P°P¶P°PSCf PrC-Cḡ PSP° C,,PµCḡC,PëP»CHPSC-CΓC,CH CΓP°PjC†C-PI (PrPëPI.
CḡPsP·PrC-P» B«P”PsPeP»C-PSC-C±PSC- PrP°PSC- P· P±PµP·PíPµPePëB»).

*P—PrP°C,PSC-CΓC,CH PIPíP»PëPIP°C,Pë PSP° CεPIPëPrPeC-CΓC,CH CḡPµP°PeC†C-C— PíCḡPë
PePµCḡCáPIP°PSPSC- P°PIC,PsC,CḡP°PSCΓPíPsCḡC,PsPj P°P±Ps C-PSCεPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PhC,C,PµPSC,Ps^{B®} PjPsP¶Pµ PSPµP·PSP°C±PSPs P°P±Ps PíPsPjC-CḡPSPs PIPíP»PëPIP°C,Pë PSP°
P·PrP°C,PSC-CΓC,CH PePµCḡCfPIP°C,Pë C,CḡP°PSCΓPíPsCḡC,PSPëPjPë P·P°CΓPsP±P°PjPë C,P°
PsP±CΓP»CfPiPsPICfPIP°C,Pë C-PSCεC- PjPµC...P°PSC-P·PjPë.

P†PSPsPrC- Cf PíP°C†C-C”PSC,C-PI, C%oPs PíCḡPëPñPjP°CḡC,CH PíC-PíPsC,PµPSP·PëPIPSC-
P·P°CΓPsP±Pë, PjPsP¶CfC,CH PIPëPSPëPeP°C,Pë PiPsP»PsPIPSC- P±PsP»C-,
P·P°PíP°PjPsCḡPsC±PµPSPSCḡC, PSCfPrPsC,P° C- PíC-PrPIPëC%oPµPSP°
CΓC,PsPjP»CḡPIP°PSC-CΓC,CH, PIPSP°CΓP»C-PrPsPe C±PsPiPs PjPsP¶Pµ
P·PSPëP¶CfPIP°C,PëCΓCḡCḡCḡPµP°PeC†C-CḡC. PŸP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCΓCḡC
PsP±PµCḡPµP¶PSPsCΓC,C-, PsCΓPsP±P»PëPIPs PSP° PíPsC±P°C,PeCf P»C-PeCfPIP°PSPSCḡC.

PŸPíPsCΓC-P± P·P°CΓC,PsCΓCáPIP°PSPSCḡC C,P° PrPsP·Pë.

P”PsCḡPsCΓP»C-

P PµPePsPjPµPSPrPsPIP°PSP° PrPsP·P° PíCḡPµPíP°CḡP°C,Cf PhC,C,PµPSC,Ps^{B®} - 1
C,P°P±P»PµC,PeP° PSP° PrPsP±Cf.

PhC,C,PuPSC,Ps^B 20/5 PjPsP¶PSP° PiC¶PëP·PSP°C±P°C,Pë PiP°C†C-C"psc,P°Pj P·
PSPµPrPsC†C,P°C,PSCHbPsC¶ C¶PµP°PeC†C-C"¶ PsC¶PiP°PSC-P·PjC† PSP°
PjPsPSPsC,PµC¶P°PiC-C¶ PsP»PjPµC†P°C¶C,P°PSC† PjPµPrPsPeC†PsPjC-P»PsPj PI PrPsP·C- 20
PjPi P°P±Ps P°PjP»PsPrPëPiC-PSPsPj PI PrPsP·C- 5 PjPi.

PhC,C,PuPSC,Ps^B 40/5 PjPsP¶PSP° PiC¶PëP·PSP°C±P°C,Pë PiP°C†C-C"psc,P°Pj P·
PSPµPrPsC†C,P°C,PSCHbPsC¶ C¶PµP°PeC†C-C"¶ PsC¶PiP°PSC-P·PjC† PSP° C,PµC¶P°PiC-C¶
PiC¶PµPiP°C¶P°C,PsPj PhC,C,PuPSC,Ps^B 20/5.

PhC,C,PuPSC,Ps^B 40/10 PjPsP¶PSP° PiC¶PëP·PSP°C±P°C,Pë PiP°C†C-C"psc,P°Pj P·
PSPµPrPsC†C,P°C,PSCHbPsC¶ C¶PµP°PeC†C-C"¶ PsC¶PiP°PSC-P·PjC† PSP° C,PµC¶P°PiC-C¶
PiC¶PµPiP°C¶P°C,PsPj PhC,C,PuPSC,Ps^B 40/5.

P"Ps PiC¶PëP·PSP°C±PµPSPSC¶ PePsPjP±C-PSPsPiP°PSPsPiPs PiC¶PµPiP°C¶P°C,C† P·
C,,C-PeC†PsPiP°PSPëPjPë PrPsP·P°PjPë P°PeC,PëPiPSPëC... PePsPjPiPsPSPµPSC,C-PI
C¶PµPePsPjPµPSP†C"¶C,CHC†C¶ PiPsPµC,P°PiPSPëPNë PiC-PrP±C-C¶ PrPsP· C†PëC...
PePsPjPiPsPSPµPSC,C-PI C¶Pe PjPsPSPsPiC¶PµPiP°C¶P°C,C-PI. Pj C¶P°P·C-
PSPµPsP±C...C-PrPSPsC†C,C- PjPsP¶P»PëPiP° PiC¶C¶PjP° P·P°PjC-PSP°
PjPsPSPsPiC¶PµPiP°C¶P°C,C-PI PSP° PePsPjP±C-PSPsPiP°PSPëPNë PiC¶PµPiP°C¶P°C,.

P"p»C¶ P·C¶C†C±PSPsC†C,C- PiP°C†C-C"psc,Pë, C¶PeC- PsC,C¶PëPjC†C¶C,CH
PsP»PjPµC†P°C¶C,P°PSC† PjPµPrPsPeC†PsPjC-P» C- P°PjP»PsPrPëPiC-PS C† PiPëPiP»C¶PrC-
PsPeC¶PµPjPëC... C,P°P±P»PµC,PsPe, PjPsP¶C†C,CH P±C†C,Pë PiPµC¶PµPiPµPrPµPSC- PSP°
C,P°P±P»PµC,PePë PhC,C,PuPSC,Ps^B, C%Ps PjC-C†C,C¶C,CH C†C- PePsPjPiPsPSPµPSC,Pë PI
P°PSP°P»PsPiC-C±PSPëC... PrPsP·P°C....

PµC¶PµPiP°C¶P°C, PhC,C,PuPSC,Ps^B PjPsP¶PSP° PiC¶PëPNëPjP°C,Pë PSPµP·P°P»PµP¶PSPs
PIC-Pr PiC¶PëPNëPsPjC† C-P¶C-.

*PµP°C†C-C"psc,Pë P»C-C,PSCHbPsPiPs PIC-PeCé (PIC-PePsPj 65 C¶PsPeC-PI C,P°
C†C,P°C¶C¶Pµ)*

PiPe PiC¶P°PiPëP»Ps, PrP»C¶ PiP°C†C-C"psc,C-PI P»C-C,PSCHbPsPiPs PIC-PeC† PSPµ
PiPsC,C¶C-P±PSP° P·PjC-PSP° C¶PµPePsPjPµPSP†PsPiP°PSPsC— PrPsP·Pë PiC¶PµPiP°C¶P°C,C†,
PiC¶PsC,Pµ PiC-PrPiPëC%C†PiP°C,Pë PrPsP·C† PiC¶PµPiP°C¶P°C,C† C†P»C-Pr P·
PsP±PµC¶PµP¶PSC-C†C,C¶ (PrPëPI. C¶PsP·PrC-P»Pë B«PhC†PsP±P»PëPiPsC†C,C-
P·P°C†C,PsC†C†PiP°PSPSC¶B», B«PαP°C¶PjP°PePsPeC-PSPµC,PëPeP°B»).

PµC¶Pë P·P±C-P»CHC¶PµPSPSC- PrPsP·Pë PsP»PjPµC†P°C¶C,P°PSC† PjPµPrPsPeC†PsPjC-P»C†
PrPs PjP°PeC†PëPjP°P»CHbPSPsC— (40 PjPi PSP° PrPsP±C†) C† PiP°C†C-C"psc,P° C†P»C-Pr
C¶PµC,PµP»CHbPSPs PePsPSC,C¶PsP»C¶PiP°C,Pë P°C¶C,PµC¶C-P°P»CHbPSPëPNë C,PëC†Pe.

PµPsC¶CéC¶PµPSPSC¶ C,,CéPSPeC†C-C— PSPëC¶PsPe

PµP°PeC†PëPjP°P»CHbPSP° PrPsP·P° PsP»PjPµC†P°C¶C,P°PSC† PjPµPrPsPeC†PsPjC-P»C†
PrP»C¶ PiP°C†C-C"psc,C-PI P· PiPsC¶C†C¶PµPSPSC¶Pj C,,C†PSPeC†C-C— PSPëC¶PsPe PIC-Pr
P»PµPiPePsPiPs PrPs PiPsPjC-C¶PSPsPiPs C†C,C†PiPµPSC¶ (PeP»C-C¶PµPSC†
PeC¶PµP°C,PëPSC-PSC† 20-60 PjP»/C...PI) C†C,P°PSPsPiPëC,CH 20 PjPi PsPrPëPS C¶P°P· PSP°
PrPsP±C†, PsC†PeC-P»CHbPePë PrPsC†PIC-Pr P·P°C†C,PsC†C†PiP°PSPSC¶ P±C-P»CHC¶
PiPëC†PsPePëC... PrPsP· C†C-PNë PiC¶C†PiC- PiP°C†C-C"psc,C-PI PsP±PjPµP¶PµPSPëPNë.
PhC,C,PuPSC,Ps^B PSPµ C¶PµPePsPjPµPSP†C†C,CHC†C¶ PiP°C†C-C"psc,P°Pj P·
PiPsC¶C†C¶PµPSPSC¶Pj C,,C†PSPeC†C-C— PSPëC¶PsPe C,C¶P¶PePsPiPs C†C,C†PiPµPSC¶

(PeP»C-CTPμPSCÍ PeCTPμP°C,PēPSC-PSCr < 20 PjP»/C...PI) (PrPēPI. CTjPsP·PrC-P»Pē B«PhCÍPsP±P»PēPIPSCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCÍB», B«PαP°CCTjPjP°PePsPeC-PSPμC,PēPeP°B»).

PμCTjPē P·P°CÍC,PsCÍCrPIP°PSPSC- PíCTjPμPíP°CCTjP°C,Cr PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PSPēCTjPsPe PíPsPjC-CTjPSPsPiPs CÍC,CrPíPμPSCÍ CCTjPμPePsPjPμPSPrCrC”C,ChCÍCÍ PePsPSC,CTjPsP»CThPIP°C,Pē PePsPSC†PμPSC,CTjP°C†C-CTh PeP°P»C-CTh C,P° PeCTjPμP°C,PēPSC-PSCr.

PμPsCTjCáCēPμPSPSCÍ C,,CáPSPeC†C-C— PíPμC†C-PSPePē

PḥC,C,PμPSC,Ps^{B®} P· PsP±PμCTjPμP¶PSC-CÍC,Ch PíCTjPēP·PSP°C†P°CChC,Ch PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē PIC-Pr P»PμPíPePsPiPs PrPs PíPsPjC-CTjPSPsPiPs CÍC,CrPíPμPSCÍ (PrPēPI. CTjPsP·PrC-P»Pē B«PhCÍPsP±P»PēPIPSCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCÍB», B«PαP°CCTjPjP°PePsPeC-PSPμC,PēPeP°B»).

PμCTjPē PíPsPjC-CTjPSPsPjCr PíPsCTjCrCēPμPSPSC- C,,CrPSPeC†C-C— PíPμC†C-PSPePē PsP»PjPμCÍP°CCTjC,P°PSCr PjPμPrPsPeCÍPsPjC-P» PíCTjPēP·PSP°C†P°CChC,Ch Cr PíPsC†P°C,PePsPIC-PNē PrPsP·C- 10 PjPi PsPrPēPS CTjP°P· PSP° PrPsP±Cr. PḥP°PeCÍPēPjP°P»ChPSP° PrPsP·P° PrP»CÍ C,P°PePēC... PíP°C†C-C”PSC,C-PI PSPμ PíPsPIPēPSPSP° PíPμCTjPμPIPēC%CrPIP°C,Pē 20 PjPi PsPrPēPS CTjP°P· PSP° PrPsP±Cr. Pj CTjP°P·C- CÍCrPíCrC,PSChPsC— C,PμCTjP°PíC-C— PrC-CrCTjPμC,PēPeP°PjPē C- (P°P±Ps) C-PSCēPēPjPē PíC-PíPsC,PμPSP·PēPIPSPēPjPē PíCTjPμPíP°CCTjP°C,P°PjPē PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē CTjPμPePsPjPμPSPrCrC”C,ChCÍCÍ CCTjPμC,PμP»ChPSPμ CÍPíPsCÍC,PμCTjPμP¶PμPSPSCÍ P·P° CTjC-PIPSμPj P°CCTjC,PμCTjC-P°P»ChPSPsPiPs C,PēCÍPeCr C- C,,CrPSPeC†C-C”CTh PSPēCTjPsPe. P”PsCÍPIC-Pr P·P°CÍC,PsCÍCrPIP°PSPSCÍ PsP»PjPμCÍP°CCTjC,P°PSCr PjPμPrPsPeCÍPsPjC-P»Cr PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē C,CÍP¶PePsPiPs CÍC,CrPíPμPSCÍ PIC-PrCÍCrC,PSC-PNē.

PíPe C- PíCTjPē P·P°CÍC,PsCÍCrPIP°PSPSC- C-PSCēPēC... P°PSC,P°PíPsPSC-CÍC,C-PI PeP°P»ChC†C-CTh, Cr PíP°C†C-C”PSC,C-PI P· PrPēCÍC,,CrPSPeC†C-C”CTh PíPμC†C-PSPePē PíPsPrPsPIP¶CÍC”C,ChCÍCÍ C†P°CÍ PSP°PíC-PIPIPēPIPμPrPμPSPSCÍ P°PjP»PsPrPēPíC-PSCr; CTjPμPePsPjPμPSPrP°C†C-C— P· PrPsP·CrPIP°PSPSCÍ PSPμ PICÍC,P°PSPsPIP»PμPSC-. PýPsPjCr C,P°PePēPj PíP°C†C-C”PSC,P°Pj PíCTjPμPíP°CCTjP°C, PḥC,C,PμPSC,Ps^{B®} CÍP»C-Pr PíCTjPēP·PSP°C†P°C,Pē P· PsP±PμCTjPμP¶PSC-CÍC,Ch. PαP°CCTjPjP°PePsPeC-PSPμC,PēPeP° P°PjP»PsPrPēPíC-PSCr Cr PíP°C†C-C”PSC,C-PI P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē C,CÍP¶PePsPiPs CÍC,CrPíPμPSCÍ PSPμ PíPēPIC†PμPSP°. PμCTjPēPNēPsPj P°PjP»PsPrPēPíC-PSCr PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē C,CÍP¶PePsPiPs CÍC,CrPíPμPSCÍ CÍP»C-Pr PíPsC†PēPSP°C,Pē P· PSP°PNēPSPēP¶C†PsC— PrPsP·Pē C- PíPsPIC-P»ChPSPs C—C— PíC-PrPIPēC%CrPIP°C,Pē. PḥC,C,PμPSC,Ps^{B®} PíCTjPsC,PēPíPsPeP°P·P°PSPēPNē PíP°C†C-C”PSC,P°Pj P· PíPsCTjCrCēPμPSPSCÍPj C,,CrPSPeC†C-C— PíPμC†C-PSPePē C,CÍP¶PePsPiPs CÍC,CrPíPμPSCÍ (PrPēPI. CTjPsP·PrC-P» B«PμCTjPsC,PēPíPsPeP°P·P°PSPSCÍB»).

PýPíPsCÍC-P± P·P°CÍC,PsCÍCáPIP°PSPSCÍ

PýP°P±P»PμC,PePē PePsPIC,P°C,Pē C†C-P»PēPjPē, P·P°PíPēPIP°CChC†Pē PrPsCÍC,P°C,PSChPsCTh PeC-P»ChPeC-CÍC,Ch CTjC-PrPēPSPē (PSP°PíCTjPēPeP»P°Pr CÍPeP»CÍPSPePsCTh PíPsPrPē). PýP°P±P»PμC,PePē PSPμ CÍP»C-Pr CTjPsP·P¶PsPICrPIP°C,Pē. PμCTjPμPíP°CCTjP°C, CTjPμPePsPjPμPSPrCrC”C,ChCÍCÍ PíCTjPēPNēPjP°P°C,Pē C%PsPrPSCÍ PI PsPrPēPS C- C,PsPNē P¶Pμ C†P°CÍ.

P" C-C, Pë.

P'PµP·PīPµPeP° C, P° PµC,, PµPeC, PēPIPSC-ĆÍĆ, CH P·P°ĆÍĆ, PsĆÍĆrPIP°PSPSCĬ PĥC, C, PµPSC, Ps^â
PrC-C, CĬPj C, P° PīC-PrP»C-C, PeP°Pj (PIC-PePsPj PrPs 18 CĥPsPeC-PI) PSPµ
PrPsĆÍP»C-PrPĬĆrPIP°P»PēĆÍĆH. P" P°PSC- PIC-PrĆÍĆrC, PSC-.

PµPµCĥPµPrPsP·CáPIP°PSPSCĬ.

PŸPëPjPīC, PsPjPë

P'PēPīP°PrPeC-PI PīPµCĥPµPrPsP·ĆrPIP°PSPSCĬ PīCĥPµPīP°CĥP°C, Ćr PĥC, C, PµPSC, Ps^{B®} PSPµ
P·P°C,, C-PeĆÍPsPIP°PSPs. PĥP°PNēP±C-P»CHC€ PIC-CĥPsPiC-PrPSPëPjPë PµC,, PµPeC, P°PjPë
PīPµCĥPµPrPsP·ĆrPIP°PSPSCĬ PsP»PjPµĆÍP°CĥC, P°PSCr PjPµPrPsPeĆÍPsPjC-P»Ćr C"
PiC-PīPsC, PµPSP·C-CĬ C- C, P°C...C-PeP°CĥPrC-CĬ; C, P°PePsPĬ PjPsPĬP»PēPIP°
P±CĥP°PrPēPeP°CĥPrC-CĬ PI CĥP°P·C- PīP°CĥP°ĆrPēPjPīP°C, PēC±PSPsC—
ĆÍĆ, PēPjĆrP»CĬC†C-C— (P±P»ĆrPeP°CĥC±PsPiPs PSPµCĥPIP°). PµPµCĥPµPrPsP·ĆrPIP°PSPSCĬ
P°PjP»PsPrPēPīC-PSCr PjPsPĬPµ PīCĥPēP·PIPµĆÍĆ, Pē PrPs PSP°PrPjC-CĥPSPsPiPs
CĥPsP·C€PēCĥPµPSPSCĬ PīPµCĥPēC,, PµCĥPēC±PSPēC... ĆÍĆrPrPēPS, C%Ps
ĆÍĆrPīCĥPsPIPsPrPĬĆrC" C, CHĆÍCĬ PIPēCĥP°PĬPµPSPëPj P·PSPëPĬPµPSPSCĬPj
P°CĥC, PµCĥC-P°P»CHPSPsPiPs C, PēĆÍPeĆr, C-, PjPsPĬP»PēPIPs, PrPs
CĥPµC,, P»PµPeC, PsCĥPSPsC— C, P°C...C-PeP°CĥPrC-C—. P,, PīPsPIC-PrPsPjP»PµPSPSCĬ PīCĥPs
C, CĥPēPIP°P»Ćr C, CĬPĬPeĆr PīPµPSPµCĥP°P»C-P·PsPIP°PSCr PiC-PīPsC, PµPSP·C-Cĥ, P°PĬ PrPs
C€PsPeĆr C-P· P»PµC, P°P»CHPSPëPj PSP°ĆÍP»C-PrPePsPj.

P C-PrPePs PīPsPIC-PrPsPjP»CĬP»Pē PīCĥPs PSPµPeP°CĥPrC-PsPiPµPSPSPëPNē PSP°P±CĥCĬPe
P»PµPīPµPSCĥ CĬPe PSP°ĆÍP»C-PrPsPe PīPµCĥPµPrPsP·ĆrPIP°PSPSCĬ
P°PjP»PsPrPēPīC-PSPsPj, CĬPePēPNē PjPsPĬPµ PīCĥPsCĬPIP»CĬC, PēĆÍCĬ P·
PIC-PrC, PµCĥPjC-PSPsPIP°PSPëPj PīPsC±P°C, PePsPj (C±PµCĥPµP· 24bĥ"48 PīPsPrPēPS
PīC-ĆÍP»CĬ PīCĥPēPNēPsPjĆr) C, P° PīPsC, CĥPµP±ĆrPIP°C, Pē C€C, ĆrC±PSPsC—
PIPµPSC, PēP»CĬC†C-C— P»PµPīPµPSCĥ.

P P°PSPSC- CĥPµP°PSC-PjP°C†C-PNēPSC- P·P°C...PsPrPē (PIPeP»CĥC±P°CĥC±Pē
PīPµCĥPµPIP°PSC, P°PĬPµPSPSCĬ CĥC-PrPēPSPsCĥ) PrP»CĬ PīC-PrC, CĥPēPjPePē
PīPµCĥC,, ĆrP·C-C— C, P° ĆÍPµCĥC†PµPIPsPiPs PIPēPePēPrĆr PjPsPĬĆrC, CH P±ĆrC, Pē
PīCĥPsPIPsPeP°C, PēPIPSPëPjPë C,, P°PeC, PsCĥP°PjPë.

P>C-PeCáPIP°PSPSCĬ

PīPeC%Ps PīCĥPµPīP°CĥP°C, P±ĆrPI PīCĥPēPNēPSCĬC, PēPNē PSPµC%PsPrP°PIPSPs,
PīPsPeP°P·P°PSPs PīCĥPsPjPēPIP°PSPSCĬ C€P»ĆrPSPeP°. Pj P·PrPsCĥPsPIPēC...
PrPsP±CĥPsPIPsP»CHC†C-PI PīCĥPēP·PSP°C±PµPSPSCĬ P°PeC, PēPIPsPIP°PSPsPiPs
PICrPiC-P»P»CĬ PSPµPīP°PNēPSPs P°P±Ps PīCĥPsC, CĬPiPsPj 2 PiPsPrPēPS PiC-ĆÍP»CĬ
PīCĥPēPNēPsPjĆr P°PjP»PsPrPēPīC-PSCr PICrPµCĥPµPrPēPSCr C-ĆÍĆ, PsC, PSPs P·PSPëPĬĆrC"
PICrPjPsPeC, ĆrPIP°PSPSCĬ C†C-C" C— CĥPµC±PsPIPēPSPë.

PµCĥPē PIPēPSPëPePSPµPSPSC- PeP»C-PSC-C±PSPs P·PSP°C±ĆrC%PsC—
PiC-PīPsC, PµPSP·C-C— PIPSP°ĆÍP»C-PrPsPe PīPµCĥPµPrPsP·ĆrPIP°PSPSCĬ PĥC, C, PµPSC, Ps^{B®}
PīPsC, CĥC-P±PSP° P°PeC, PēPIPSP° PīC-PrC, CĥPēPjPeP° ĆÍPµCĥC†PµPIPs-ĆÍĆrPrPēPSPSPsC—
ĆÍPēĆÍĆ, PµPjPë, PIPeP»CĥC±P°CĥC±Pē CĥPµC, PµP»CHPSPëPNē PjPsPSC-C, PsCĥPēPSPi

C,,CfPSPeC†C-C— C†PμCḡC†C‡C C- P»PμPiPμPSC-PI, PiCḡPëPiC-PrPSC‡C,Pμ
PiPsP»PsP¶PμPSPSC‡C PSpëP¶PSC-C... PeC-PSC†C-PIPsPe, PePsPSC,CḡPsP»CH PsP±Bḡ™ C”PjCf
C†PëCḡPeCfP»CḡCḡC†PsC— PeCḡPsPIC- C,P° PrC-CfCḡPμP·Cf. P”P»C‡C
PIC-PrPSPsPIP»PμPSPSC‡C C†CfPrPëPSPSPsPiPs C,PSPSCfC†Cf C,P°
P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëC†PeCf PjPsP¶Pμ P±CfC,Pë PePsCḡPëC†PSPëPj
P·P°C†C,Psc†CfPIP°PSPSC‡C C†CfPrPëPSPsP·PICfP¶CfPIP°P»CHPSPëC... P·P°C†PsP±C-PI
PiCḡPë PIC-PrC†CfC,PSPsC†C,C- PiCḡPsC,PëPiPsPeP°P·P°PSCḡ. P”P»C‡C C†C†CfPSPμPSPSC‡C
P±P»PsPeP°PrPë PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI CḡPμPePsPjPμPSPrCfC”C,CHC†C‡C
PeP°P»CHC†C-Cḡ PiP»CḡPePsPSP°C, PIPSC†C,CḡC-CëPSCḡPsPIPμPSPSPs.

PhC†PeC-P»CHPePë P°PjP»PsPrPëPiC-PS P·PSP°C†PSPsCḡ PjC-CḡPsCḡ
P·PiBḡ™ C‡P·CfC”C,CHC†C‡C P· P±C-P»PeP°PjPë PeCḡPsPIC-, P№PsPiPs PIPëPIPμPrPμPSPSC‡C
P·P° PrPsPiPsPjPsPiPsCḡ PrC-P°P»C-P·Cf PjP°P»PsP№PjPsPIC-CḡPSPμ. P†PSC,,PsCḡPjP°C†C-C‡C
PiCḡPs PjPsP¶P»PëPIC-C†C,CH PIPëPIPμPrPμPSPSC‡C PsP»PjPμC†P°CḡC,P°PSC† P·P°
PrPsPiPsPjPsPiPsCḡ PrC-P°P»C-P·Cf PIC-PrC†CfC,PSC‡C.

PμPsP±C-C†PSC- CḡPμP°PeC†C-C—.

PḡC,C,PμPSC,Ps^{B®}

PkP°P№C†P°C†C,C-CëPëPjPë PiPsP±C-C†PSPëPjPë CḡPμP°PeC†C-C‡PjPë, C%Ps
PIPëPSPëPeP°P»Pë PiC-Pr C†P°C† P·P°C†C,Psc†CfPIP°PSPSC‡C PiCḡPμPiP°CḡP°C,Cf
PḡC,C,PμPSC,Ps^â, P±CfP»Pë PiPμCḡPëC,,PμCḡPëC†PSC- PSP°P±CḡC‡CPePë (11,3 %),
PiPsP»PsPIPSPëP№ P±C-P»CH (5,3 %) C,P° P·P°PiP°PjPsCḡPsC†PμPSPSC‡C (4,5 %).

PμPsP±C-C†PSC- CḡPμP°PeC†C-C—, C%Ps C†PiPsC†C,PμCḡC-PiP°P»PëC†C‡C PiCḡPë
P·P°C†C,Psc†CfPIP°PSPSC- PḡC,C,PμPSC,Ps^{B®} PiC-Pr C†P°C† PeP»C-PSC-C†PSPëC...
PrPsC†P»C-PrP¶PμPSCḡ C,P° PiCḡPsC,C‡PiPsPj PiC-C†P»C‡CḡPμC”C†C,CḡP°C†C-P№PSPëC...
PrPsC†P»C-PrP¶PμPSCḡ P· P±PμP·PiPμPePë, P° C,P°PePsP¶ PiPsP±C-C†PSC- CḡPμP°PeC†C-C—,
PiCḡPs C‡PeC- P±CfP»Pë C†PiPsPSC,P°PSPSC- PiPsPIC-PrPsPjP»PμPSPSC‡C,
PiCḡPμPrC†C,P°PIP»PμPSPs C† PSPëP¶C†PμPSP°PIPμPrPμPSC-P№ C,P°P±P»PëC†C-. PḡCḡC-Pj
C†CHPsPiPs, C† C,P°P±P»PëC†C- PSP°PIPμPrPμPSPs PiPsP±C-C†PSC- CḡPμP°PeC†C-C—, C%Ps
C†PiPsC†C,PμCḡC-PiP°P»PëC†C‡C PSP° C,P»C- P·P°C†C,Psc†CfPIP°PSPSC‡C PePsP¶PSPsPiPs P·
PrC-CḡC†PëC... PePsPjPiPsPSPμPSC,C-PI PiCḡPμPiP°CḡP°C,C† PsPeCḡPμPjPs
(PsP»PjPμC†P°CḡC,P°PSC† PjPμPrPsPeC†PsPjC-P»C† C,P° P°PjP»PsPrPëPiC-PSC†) P·
C†CḡP°C...C†PIP°PSPSC‡C Pj C—C...PSCḡPsPiPs PIC†C,P°PSPsPIP»PμPSPsPiPs PiCḡPsC,,C-P»Cḡ
P±PμP·PiPμPePë.

P”P»C‡C PeP»P°C†PëC,,C-PeP°C†C-C— C†P°C†C,Psc,Pë PIPëPSPëPePSPμPSPSC‡C
PiPsP±C-C†PSPëC... CḡPμP°PeC†C-P№ PIPëPePsCḡPëC†C,PSPICfPIP°P»P°C†C‡C C,P°PeP°
C,PμCḡPjC-PSPsP»PsPiC-C‡C: PrCfP¶Pμ C†P°C†C,Psc (≥ 1/10); C†P°C†C,Psc (≥ 1/100 PrPs < 1/10);
PSPμC†P°C†C,Psc (PIC-Pr ≥ 1/1000 PrPs < 1/100); CḡC-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000);
PrCfP¶Pμ CḡC-PrPePs (< 1/10000); PSPμ PIC†C,P°PSPsPIP»PμPSPs (C†P°C†C,Psc,C†
PIC†C,P°PSPsPIPëC,Pë PSPμPjPsP¶P»PëPIPs P·P° PSP°C‡CPIPSPëPjPë PrP°PSPëPjPë).

PŸPµCĤPjC-PS PĭCĤPĕPrP°C,PSPsCĬC,C-.

5 CĤPsPeC-PI.

PjPjPsPIPĕ P·P±PµCĤC-PiP°PSPSCĬ.

PŸPĭPµC†C-P°P»CĤPSC- C†PjPsPIPĕ P·P±PµCĤC-PiP°PSPSCĬ PSPµ PIPĕPjP°PiP°CĤC,CĤCĬCĬ.

PjPĭP°PePsPIPeP°.

PµPs 14 C,P°P±P»PµC,PsPe C† P±P»C-CĬC,PµCĤC-; PĭPs 1 P°P±Ps PĭPs 2 P±P»C-CĬC,PµCĤPĕ C† PeP°CĤC,PsPSPSC-PMĕ PePsCĤPsP±C†C-.

PĤP°C,PµPiPsCĤC-CĬ PIC-PrPĭC†CĬPeC†.

P—P° CĤPµC†PµPĭC,PsPj.

P’PĕCĤPsP±PSPĕPePĕ.

P”P°C-C†C- PŸP°PSPeC-Ps P@CĤPsC†Pi P”PjP±PĬ.

P’P·P P>P†Pĕ-PĬP·PĤP† PĥP”.

P>P°P±PsCĤP°C,PsCĤC-PsCĬ PĤPµPSP°CĤC-PSC- PŸ.Pĥ.

PĤC-CĬC†PµP·PSP°C...PsPrP¶PµPSPSCĬ PIPĕCĤPsP±PSPĕPeC-PI C,P° P°PrCĤPµCĬPĕ PjC-CĬC†CĬ PĭCĤPsPIP°PrP¶PµPSPSCĬ C—C... PrC-CĬP»CĤPSPsCĬC,C-.

P>C†C-PĭPsP»CĤPrCĕC,CĤP°CĬPµ 1, 85276 PµC,,P°C,,PµPSC...PsC,,PµPS, PĕC-PjPµC†C†PĕPSP°.

P”P»C-PSC-PePµCĤ P’PµPi 125, 12489 P’PµCĤP»C-PS, PĕC-PjPµC†C†PĕPSP°.

PĥP»CĤC,,PsPSCĬ PĬP†P†, 587, P’P°PrP°P»PsPSP°, P’P°CĤCĬPµP»PsPSP°, 08918, P†CĬPĭP°PSC-CĬ.

P—P°CĬPIPSPĕPe.

PĤPµPSP°CĤC-PSC- P†PSC,PµCĤPSPµCĕPsPSP°P» PĥPĭPµCĤPµPMĕCĕPsPSCĬ P>CĤPeCĬPµPjP±C†CĤPi PŸ.Pĥ.

РѢС-СІС†РμР·PSP°С...PsPrP¶PμPSPSCIІ Р·Р°СІPIPSPëPеР°.

1, PђPIPμPSCH PrPμ P»P° P“P°CH, P>-1611 P>CHPeCÍPμPjP±CfCHPi, P>CHPeCÍPμPjP±CfCHPi.

P—P° P»C-C†PμPSP·C-C”CH C„C-CHPjPë P”P°C-C‡C- PŸP°PSPeC-Ps P®CHPsCfPi P“PjP±PI.