

$$PhC\dot{I}PSPsPIPSC-C_{n}C-P\ddot{e}PePs-C\ldots C-PjC-C\ddot{I}PSC-PIP\gg C\dot{I}C,P\ddot{e}PIPsC\dot{I}C,C-:$$

PrP»CŁ PrPsP·CžPIP°PSPSCŁ 20 PjPi/5 PjPi: P±C-P»C- PeCŁCřPiP»C- C,P°P±P»PμC,PePë, PIPeCŁPëC,C- PİP»C-PIPePsPIPsCŁ PsP±PsP»PsPSPePsCŁ, CŁPsP·PjC-CŁPsPj 6 PjPj, P· C,PëCŁPSPμPSPSCŁPj B«C73B» P· PsPrPSPsPiPs P±PsPeCř;

PrP»CŁ PrPsP·CžPIP°PSPSCŁ 40 PjPi/5 PjPi: PeCŁPμPjPsPIC- PeCŁCřPiP»C- C,P°P±P»PμC,PePë, PIPeCŁPëC,C- PİP»C-PIPePsPIPsCŁ PsP±PsP»PsPSPePsCŁ, CŁPsP·PjC-CŁPsPj 8 PjPj, P· C,PëCŁPSPμPSPSCŁPj B«C75B» P· PsPrPSPsPiPs P±PsPeCř;

PrP»CŁ PrPsP·CžPIP°PSPSCŁ 40 PjPi/10 PjPi: PePsCŁPëCžPSCŁPIP°C,Ps-CžPμCŁPIPsPSC- PeCŁCřPiP»C- C,P°P±P»PμC,PePë, PIPeCŁPëC,C- PİP»C-PIPePsPIPsCŁ PsP±PsP»PsPSPePsCŁ, CŁPsP·PjC-CŁPsPj 8 PjPj, P· C,PëCŁPSPμPSPSCŁPj B«C77B» P· PsPrPSPsPiPs P±PsPeCř.

PrP°CŁPjP°PePsC,PμCŁP°PİPμPIC,PëCžPSP° PİCŁCřPİP°.

PŸPμCŁCžPμPIPs-CŁCřPrPëPSPSP° CŁPëCŁC,PμPjP°. P»C-PeP°CŁCŁCHPeC- P·P°CŁPsP±Pë, C%Ps PİPİP»PëPIP°CŁC,CH PSP° CŁPμPSC-PS-P°PSPİC-PsC,PμPSP·PëPSPsPICř CŁPëCŁC,PμPjCř. PłPsPjP±C-PSP°CžC-C— P±P»PsPeP°C,PsCŁC-PI CŁPμCžPμPİC,PsCŁP° P°PSPİC-PsC,PμPSP·PëPSCř II. PłPSC,P°PİPsPSC-CŁC,Pë P°PSPİC-PsC,PμPSP·PëPSCř II C,P° P±P»PsPeP°C,PsCŁPë PeP°P»CHCžC-C”PİPëC... PeP°PSP°P»C-PI. PłP»PjPμCŁP°CŁC,P°PSCř PjPμPrPsPeCŁPsPjC-P» C- P°PjP»PsPrPëPİC-PS. PłPsPr PłPŸPİ PŸ09D P°02.

PrP°CŁPjP°PePsP»PsPİC-CžPSC- PİP»P°CŁC,PëPİPsCŁC,C-.

PrP°CŁPjP°PePsPrPëPSP°PjC-PeP°.

PŸPμPIC-PeP°CŁC bŁ” CžPμ PePsPjP±C-PSPsPIP°PSPëPN P»C-PeP°CŁCŁCHPePëPN P·P°CŁC-P±, PrPs CŁPeP»P°PrCř CŁPePsPiPs PIC...PsPrPëC,CH PsP»PjPμCŁP°CŁC,P°PSCř PjPμPrPsPeCŁPsPjC-P» bŁ” P°PSC,P°PİPsPSC-CŁC, CŁPμCžPμPİC,PsCŁC-PI P°PSPİC-PsC,PμPSP·PëPSCř PžPž bŁ” C,P° P°PjP»PsPrPëPİC-PSCř P±PμCŁPëP»P°C, bŁ” P±P»PsPeP°C,PsCŁ PeP°P»CHCžC-C”PİPëC... PeP°PSP°P»C-PI. PłPsPjP±C-PSP°CžC-CŁ CžPëC... PrPIPsC... PrC-CŁCžPëC... CŁPμCžPsPIPëPS PİPëCŁPİP»CŁC” CŁPëPSPμCŁPİC-CžPSPëPN PμC,,PμPeC, C,P° CŁPİCŁPëCŁC” P·PSPëPμPSPSCŁ P°CŁC,PμCŁC-P°P»CHPSPsPiPs C,PëCŁPeCř P±C-P»CHCŁPsCŁ PjC-CŁPsCŁ, PSC-P PëPsP PSP° PrC-CŁCžP° CŁPμCžPsPIPëPSP° PsPeCŁPμPjPs.

Pj 8-C,PëP PSPμPIPsPjCř PİPsPrPIC-PN PSPs CŁP»C-PİPsPjCř, CŁP°PSPrPsPjC-P·PsPIP°PSPsPjCř, PİP»P°CžPμP±Ps-PePsPSC,CŁPsP»CHPsPIP°PSPsPjCř C,,P°PeC,PsCŁPSPsPjCř PrPsCŁP»C-PrP PμPSPSC- P·P° CřCžP°CŁC,CŁ 1940 PİP°CžC-C”PSC,C-PI (71 % PİP°CžC-C”PSC,C-PI PSP°P»PμP P°P»Pë PrPs C”PICŁPsPİPμPsC—PrPSPsC— CŁP°CŁPë C- 29 % – PrPs C-PSCëPëC... CŁP°CŁC) P±CřP»Ps PİPsPeP°P·P°PSPs, C%Ps P»C-PeCřPIP°PSPSCŁ PİCŁPμPİP°CŁP°C,PsPj PŸPμPIC-PeP°CŁC PİCŁPëP·PIPsPrPëP»Ps PrPs C-CŁC,PsC,PSPs P±C-P»CHCŁ PİPëCŁP°P PμPSPsPiPs P·PSPëP PμPSPSCŁ PrC-P°CŁC,PsP»C-CžPSPsPiPs C,P° CŁPëCŁC,PsP»C-CžPSPsPiPs C,PëCŁPeCř Pİ PİPsCŁC-PIPSCŁPSPSC- P· PjPsPSPsC,PμCŁP°PİC-C”CŁ PIC-PrPİPsPIC-PrPSPëPjPë PePsPjPİPsPSPμPSC,P°PjPë.

$\text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSPsPiPs/PrC}-\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSPsPiPs C}, \text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{P}\text{eC}\dot{\text{r}}$
 $\text{C} \dots \text{P}^{\circ}\text{C}\dot{\text{H}}\text{P}^{\circ}\text{PeC}, \text{P}_{\mu}\text{C}\dot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{C}\dot{\text{r}}\text{PIP}^{\circ}\text{P} \gg \text{PsC}\dot{\text{I}}\text{C}\dot{\text{I}}\text{P}\cdot\text{P}^{\circ}\text{P} \gg \text{P}_{\mu}\text{P}\|\text{PSC}-\text{C}\dot{\text{I}}\text{C}, \text{C}\dot{\text{H}}\text{PIC}-\text{Pr PrPsP}\cdot\text{P}\ddot{\text{e}}:$
 $-24/-14 \text{ PjPj C}\dot{\text{H}}\text{C}, \text{. C}\dot{\text{I}}\text{C}, \text{. (PrP} \gg \text{C}\dot{\text{I}}\text{C}, \text{C}-\text{PeC}\dot{\text{I}}\text{PsPIP}^{\circ}\text{PSPsC}-\text{PePsPjP}\pm\text{C}-\text{PSP}^{\circ}\text{C}\dagger\text{C}-\text{C}-$
 $20 \text{ PjPi/5 PjPi), -25/-16 PjPj C}\dot{\text{H}}\text{C}, \text{. C}\dot{\text{I}}\text{C}, \text{. (PrP} \gg \text{C}\dot{\text{I}}\text{C}, \text{C}-\text{PeC}\dot{\text{I}}\text{PsPIP}^{\circ}\text{PSPsC}-$
 $\text{PePsPjP}\pm\text{C}-\text{PSP}^{\circ}\text{C}\dagger\text{C}-\text{C}-40 \text{ PjPi/5 PjPi) C}-30/-19 \text{ PjPj C}\dot{\text{H}}\text{C}, \text{. C}\dot{\text{I}}\text{C}, \text{. (PrP} \gg \text{C}\dot{\text{I}}\text{C}$
 $\text{C}, \text{C}-\text{PeC}\dot{\text{I}}\text{PsPIP}^{\circ}\text{PSPsC}-\text{PePsPjP}\pm\text{C}-\text{PSP}^{\circ}\text{C}\dagger\text{C}-\text{C}-40 \text{ PjPi/10 PjPi}).$

$C\acute{r}P\ddot{e}C\acute{r}C,PsP\gg C-C\ddagger PSP\ddot{e}PN_{\infty}/PrC-P^{\circ}C\acute{r}C,PsP\gg C-C\ddagger PSP\ddot{e}PN_{\infty}C,P\ddot{e}C\acute{r}PeC\acute{r}$
 $P\ddot{i}PsP\gg PsP\Pmu PSpSC-P\ddot{i}P^{\circ}C\ddagger C-C''PSC,P^{\circ}C\acute{r}P\ddot{e}PrC\ddot{I}C\ddagger P\ddot{e}PrPsPrP^{\circ}C,PePsPIP_sPSP^{\circ}$
 $2,5/1,7PjPjC\grave{H}C,.,C\acute{r}C,.,PIP\ddot{i}PsC\grave{H}C-PIPSC\ddot{I}PSPSC-P\cdot P\breve{Y}P\mu PIC-PeP^{\circ}C\grave{H}PsPj,$
 $20PjPi/5PjPi.P\grave{h}PSP^{\circ}P\gg PsPiC-C\ddagger PSP_sP\breve{Y}P\mu PIC-PeP^{\circ}C\grave{H},40PjPi/10PjPi,$
 $P\cdot PSP\ddot{e}P\Pmu C\acute{r}PIP^{\circ}PIC\acute{r}P\ddot{e}C\acute{r}C,PsP\gg C-C\ddagger PSP\ddot{e}PN_{\infty}/PrC-P^{\circ}C\acute{r}C,PsP\gg C-C\ddagger PSP\ddot{e}PN_{\infty}C,P\ddot{e}C\acute{r}PeC\acute{r}$
 $P\ddot{i}PsP\gg PsP\Pmu PSpSC-P\ddot{i}P^{\circ}C\ddagger C-C''PSC,P^{\circ}C\acute{r}P\ddot{e}PrC\ddot{I}C\ddagger P\ddot{e}PrPsPrP^{\circ}C,PePsPIP_sPSP^{\circ}$
 $4,7/3,5PjPjC\grave{H}C,.,C\acute{r}C,.,C\acute{r}P\ddot{i}PsC\grave{H}C-PIPSC\ddot{I}PSPSC-P\cdot P\breve{Y}P\mu PIC-PeP^{\circ}C\grave{H}PsPj,$
 $40PjPi/5PjPi.$

$\text{P}\delta\text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{PeP}^\circ \text{PiP}^\circ\text{C}\dot{\text{I}}\text{C}-\text{C}''\text{PSC}, \text{C}-\text{PI}, \text{Cr C}\dot{\text{I}}\text{PePe}\ddot{\text{C}}\dots \text{PIPrP}^\circ\text{P}\gg\text{PsC}\dot{\text{I}}\text{C}\dot{\text{I}} \text{PrPsC}\dot{\text{I}}\text{C}\dot{\text{I}}\text{PiC}, \text{P}\ddot{\text{e}} \text{C}\dot{\text{I}}\text{C}-\text{P}\gg\text{CH}\ddot{\text{B}}\text{PsPIP}\ddot{\text{e}}\text{C}\dots \text{P}\cdot\text{PSP}^\circ\text{C}\dot{\text{I}}\text{P}\mu\text{PSCH}\ddot{\text{B}} \text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{P}\mu\text{C}\dot{\text{I}}\text{C}-\text{P}^\circ\text{P}\gg\text{CH}\ddot{\text{B}}\text{PSPsPiPs C}, \text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{PeCr}$
 $(< 140/90 \text{ PjPj C}\dot{\text{I}}\text{C}, \text{C}\dot{\text{I}}\text{C}, \text{Cr PiP}^\circ\text{C}\dot{\text{I}}\text{C}-\text{C}''\text{PSC}, \text{C}-\text{PI} \text{P}\pm\text{P}\mu\text{P} \cdot \text{C}\dot{\text{I}}\text{CrPeC}\dot{\text{I}}\text{PsPIP}\text{PsPiPs}$
 $\text{PrC}-\text{P}^\circ\text{P}\pm\text{P}\mu\text{C}, \text{Cr C}- < 130/80 \text{ PjPj C}\dot{\text{I}}\text{C}, \text{C}\dot{\text{I}}\text{C}, \text{Cr PrC}-\text{P}^\circ\text{P}\pm\text{P}\mu\text{C}, \text{P}\ddot{\text{e}}\text{PeC}-\text{PI}), \text{C}\dot{\text{I}}\text{PeP}\gg\text{P}^\circ\text{P}\gg\text{P}^\circ$
 $42,5 \%, 51,0 \%, \text{C}- 49,1 \%, \text{PiC}\dot{\text{I}}\text{P}\ddot{\text{e}} \text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{PsC}\dot{\text{I}}\text{CrPIP}^\circ\text{PSPSC}- \text{PiC}\dot{\text{I}}\text{P}\mu\text{PiP}^\circ\text{C}\dot{\text{I}}\text{P}^\circ\text{C}, \text{Cr}$
 $\text{P}\ddot{\text{Y}}\text{P}\mu\text{PIC}-\text{PeP}^\circ\text{C}\dot{\text{I}} \text{Cr PrPsP}\cdot\text{CrPIP}^\circ\text{PSPSC}- 20 \text{ PjPi}/5 \text{ PjPi}, 40 \text{ PjPi}/5 \text{ PjPi C}- 40 \text{ PjPi}/10 \text{ PjPi}$
 $\text{PIC}-\text{PrPiPsPIC}-\text{PrPSPs}.$

PhCfPSPsPIPSpPn, PiC-PiPsC, PpPSP·PpPIPSpPn, PpC,, PpPeC, PiCfPpPiP°CfP°C, Cf
PpPpPIC-PeP°Cf, CUPe PiCfP°PIPP»Ps, PrPsCfCUPiP°PICfCUPiCfPpSc,CUPiPsPj
PiPuCfCfPeC... 2 C, PpPpPSC-PI C, PpCfP°PiC-C—.

PJ PrCḤCṛPiPsPjCṛ PiPsPrPIC-PNḥPSPs CṛP»C-PiPsPjCṛ,
CḤP°PSPPrPsPjC-P.PsPIP°PSPsPjCṛ, PiP»P°C†PμP±Ps-PePsPSC,CḤPsP»CHḤPsPIP°PSPsPjCṛ
PrPsCṛP»C-PrP¶PμPSPSC- PIPḥPIC†P°P»P°CṛCḤ PμC,,PμPeC,PḥPIPSC-CṛC,CH
PrPsPrP°PIP°PSPSCḤ P°PjP»PsPrPḥPiC-PSCṛ PrPs CṛC...PμPjPḥ P»C-PeCṛPIP°PSPSCḤ
PiP°C†C-C”PSC,C-PI C”PICḤPsPiPμPsC—PrPSPsC— CḤP°CṛPḥ P·
PSPμPrPsCṛC,P°C,PSCHḤPsCḤ CḤPμP°PeC†C-C”CḤ PsCḤPiP°PSC-P·PjCṛ PSP°
PjPsPSPsC,PμCḤP°PiC-CḤ PsP»PjPμCṛP°CḤC,P°PSCṛ PjPμPrPsPeCṛPsPjC-P»PsPj PI
PrPsP·C- 20 PjPi PiCḤPsC,CḤPiPsPj 8 C,PḥP¶PSC-PI.

Pj PīP°C†C-C" PSC, C-PI, CŪPeC- PīCĤPsPrPsPIP¶C†PIP°P»Pë PsC, CĤPëPjC†PIP°C, Pë C, C-P»CHbPePë PsP»PjPμC†P°CĤC, P°PSC† PjPμPrPsPeC†PsPjC-P» C† PrPsP·C- 20 PjPi, C†PëC†C, PsP»C-C†PSPëPN₆/PrC-P°C†C, PsP»C-C†PSPëPN₆ C, PëC†Pe P·PSPëP·PëPIC†CŪ PSP° 10,6/7,8 PjPj CĤC,.. C†C,.. PīCĤPsC, CŪPiPsPj PSP°C†C, C†PīPSPëC... 8 C, PëP¶PSC-PI. PμCĤPë PrPsPrP°PIP°PSPSC- 5 PjPi P°PjP»PsPrPëPīC-PSC† P·P° 8 C, PëP¶PSC-PI PIPrP°P»PsC†CŪ PrPsC†CŪPiC, Pë P·PSPëP¶PμPSPSCŪ C†PëC†C, PsP»C-C†PSPsPiPs/PrC-P°C†C, PsP»C-C†PSPsPiPs C, PëC†PeC† PSP° -16,2/-10,6 PjPj CĤC,.. C†C,.. (CĤ = 0,0006). P§P°C†C, PeP° PīP°C†C-C" PSC, C-PI, C† CŪPePëC... PIPrP°P»PsC†CŪ PrPsC†CŪPiC, Pë C†C-P»CHbPsPIPëC... P·PSP°C†PμPSCĤ

$P^{\circ}C_7H_5C, P_{\mu}C_7H_5C-P^{\circ}P \gg CH_3PSPsPiPs$ C, $P\ddot{e}Cl^{\prime}PeCr$ ($< 140/90$ $PjPj$ $C_7H_5C, . Cl^{\prime}C, . Cr$
 $PiP^{\circ}C^{\dagger}C-C''PSC, C-PI$ $P \pm P_{\mu}P \cdot C^{\dagger}Cr^{\prime}PeC_7H_5PsPIPsPiPs$ $PrC-P^{\circ}P \pm P_{\mu}C, Cr$ C-
 $< 130/80$ $PjPj$ $C_7H_5C, . Cl^{\prime}C, . Cr$ $PrC-P^{\circ}P \pm P_{\mu}C, P\ddot{e}PeC-PI$), $Cl^{\prime}PeP \gg P^{\circ}P \gg P^{\circ}$ 44,5 % $PrP \gg Cl$
 $PePsPjP \pm C-PSP^{\circ}C^{\dagger}C-C-$ 20 $PjPi/5$ $PjPi$ PI $PiPsC_7H_5C-PIPSC$
 $PIPSPSC-$ P 28,5 % $PrP \gg Cl$
 20 $PjPi$ $PsP \gg PjP_{\mu}Cl^{\prime}P^{\circ}C_7H_5C, P^{\circ}PSCr$ $PjP_{\mu}PrPsPeCl^{\prime}PsPjC-P \gg Cr$.

PJ PĪP°C†C-C"PSC,C-PI, CĴPeC- PĪCĤPsPrPsPIP¶CrPIP°P»Pē PsC,CĤJPēPjCrPIP°C,Pē
C,C-P»CHPePē P°PjP»PsPrPēPiC-PSCr 5 PjPi,
CÍPēCÍ'C,PSP»C-C‡PSPēPN₂/PrC-P°CÍ'C,PSP»C-C‡PSPēPN₂ C,PēCÍ'Pe P·PSPēP·PēPICÍ'CĴ
PSP° 9,9/5,7 PjPj CĤC,.. CÍ'C,.. PiCĤPsC,CĴPiPsPj PSP°CÍ'C,CrPīPSPēC... 8 C,PēP¶PSC-PI.
P"PsPrP°PIP°PSPSCI 20 PjPi PsP»PjPμCÍ'P°CĤC,P°PSCr PjPμPrPsPeCÍ'PsPjC-P»Cr
PiCĤJPēP·PIPμP»Ps PrPs P·PSPēP¶PμPSPSCI
CÍ'PēCÍ'C,PSP»C-C‡PSPsPiPs/PrC-P°CÍ'C,PSP»C-C‡PSPsPiPs
P°CĤC,PμCĤC-P°P»CHHPSPsPiPs C,PēCÍ'PeCr PSP°
B B B B B B B B B B B B B B -15,3/-9,3 PjPj CĤC,.. CÍ'C,.. PrPsPrP°PIP°PSPSCI
40 PjPi PsP»PjPμCÍ'P°CĤC,P°PSCr PjPμPrPsPeCÍ'PsPjC-P»Cr – PSP°
-16,7/-9,5 PjPj CĤC,.. CÍ'C,.. (CĤ < 0,0001).

P P°PSPrPsPjC-P·PsPIP°PSC- PrP°PSC- C%PsPrPs PïP°C†C-C"psc,C-PI P·
PSPµPePsPSC,CḡPsP»CHbPsPIP°PSPsCḡ P°CḡC,PµCḡC-P°P»CHbPSPsCḡ
PiC-PïPµCḡC,PµPSP·C-C"Cḡ, C%Ps PrP°CḡC,CHb P·PjPsPiC† PïPsCḡC-PIpscḡC,Pë
CḡPµP·C†P»CHbC,P°C,Pë PePsPjP±C-PSPsPIP°PSPsC— C,PµCḡP°PïC-C—
PïCḡPµPïP°CḡP°C,PsPj PŸPµPIC-PeP°Cḡ PI C†PµCḡPµPrPSC-C... PrPsP·P°C... P·
PµC„PµPeC,PsPj PIC-Pr PïC-PrPIPëC%PµPSPSCḡ PrPsP·Pë P°PjP»PsPrPëPïC-PSC† C,P°
PsP»PjPµC†P°CḡC,P°PSC† PïCḡPë PjPsPSPsC,PµCḡP°PïC-C—, PIC-PrC†C†C,PSC-.

СГРІС-РІРІС-РrPSPsC€PμPSPSCЦ PjC-P¶ PjC-PSC-PjP°P»CHbPSPëPj C-
PjP°PeCГРPëPjP°P»CHbPSPëPj P·PSP°C‡PμPSPSCЦPjPë CГРPëCГРC,PsP»C-C‡PSPsPiPs C-
PrC-P°CГРC,PsP»C-C‡PSPsPiPs C,PëCГРPeCГР PIP°CГРC-CHbPIP°P»Ps PIC-Pr 71 PrPs 82 %.
P·C,,PμPeC,PëPIPS-СГРC,CHb PİCГРPμPİP°CГРP°C,CГР PİCГРPsC,CЦPiPsPj PrPsP±Pë
P±CГРP»P° PİC-PrC,PIPμCГРPrP¶PμPSP° PİCГРPë P°PjP±CГРP»P°C,PsCГРPSPsPjCГР
PjPsPSC-C,PsCГРPëPSPiCГР P°CГРC,PμCГРC-P°P»CHbPSPsPiPs C,PëCГРPeCГР.

P°C-PİPsC,PμPSP·PëPIPSPëPNë PμC,,PμPeC, PİCГРPμPİP°CГРP°C,CГР PŸPμPIC-PeP°CГР PSPμ
P·P°P»PμP¶P°PI PIC-Pr PIC-PeCГР C- CГРC,P°C,C- C...PIPsCГРPsPiPs, P° C,P°PePsP¶ PIC-Pr
PSP°CЦPIPSPsCГРC,C- CГР PİP°C‡C-C°PSC,P° C‡CГРPeCГРPsPiPsPiPs PrC-P°P±PμC,CГР.

PJ PrPIPsC... PIC-PrPeCГРPëC,PëC... PSPμCГРP°PSPrPsPjC-P·PsPIP°PSPëC...
CГРPsP·C€PëCГРPμPSPëC... PrPsCГРP»C-PrP¶PμPSPSCЦC... CГРC,C-PNëPeP°
PμC,,PμPeC,PëPIPS-СГРC,CHb PİCГРPμPİP°CГРP°C,CГР PŸPμPIC-PeP°CГР, 40 PjPi/5 PjPi,
P±CГРP»P° PİPsPeP°P·P°PSP° CГР 49-67 % PİP°C‡C-C°PSC,C-PI C‡PμCГРPμP· PsPrPëPS
CГРC-Pe P·P°CГРC,PsCГРCГРPIP°PSPSCЦ.

*PhP»PjPμCГРP°CГРC,P°PSCГР PjPμPrPsPeCГРPsPjC-P» (PrC-CHbC‡P° CГРPμC‡PsPIPëPSP°
PŸPμPIC-PeP°CГРC)*

PhP»PjPμCГРP°CГРC,P°PSCГР PjPμPrPsPeCГРPsPjC-P», C%Ps PIC...PsPrPëC,CHb PrPs
CГРPeP»P°PrCГР PİCГРPμPİP°CГРP°C,CГР PŸPμPIC-PeP°CГР, C° CГРPμP»PμPeC,PëPIPSPëPj
P°PSC,P°PiPsPSC-СГРC,PsPj CГРPμC‡PμPİC,PsCГРC-PI P°PSPiC-PsC,PμPSP·PëPSCГР II
PİPμCГРC€PsPiPs C,PëPİCГР (AT₁). P' PsCГРPiP°PSC-P·PjC- PsP»PjPμCГРP°CГРC,P°PSCГР
PjPμPrPsPeCГРPsPjC-P» C€PIPëPrPePs PİPμCГРPμC,PIPsCГРCHC°C,CHbCГРCЦ CГР
C,,P°CГРPjP°PePsP»PsPiC-C‡PSPs P°PeC,PëPIPSPëPNë PjPμC,P°P±PsP»C-C,
PsP»PjPμCГРP°CГРC,P°PS. PhPSPiC-PsC,PμPSP·PëPS P‡P‡ бГР“ C‡Pμ PİPμCГРPIPëPSPSPëPNë
PIP°P·PsP°PeC,PëPIPSPëPNë PiPsCГРPjPsPS CГРPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS-
P°P»CHbPrPsCГРC,PμCГРPsPSPsPIPsC— CГРPëCГРC,PμPjPë, C%Ps PIC-PrC-PİCГРP°C°
PIP°P¶P»PëPICГР CГРPsP»CHb CГР PİP°C,PsC,,C-P·C-PsP»PsPiC-C—
P°CГРC,PμCГРC-P°P»CHbPSPsC— PiC-PİPμCГРC,PμPSP·C-C—. PhPSPiC-PsC,PμPSP·PëPS
P‡P‡ PİCГРPëP·PIPsPrPëC,CHb PrPs P·PICГРP¶PμPSPSCЦ CГРCГРPrPëPS,
CГРC,PëPjCГРP»CЦC‡C-C— CГРPëPSC,PμP·CГР C,P° PIPëPIC-P»CHbPSPμPSPSCЦ
P°P»CHbPrPsCГРC,PμCГРPsPSPsCГРPμPeCГРPμC,CГРCHbC‡CГР PrC-CHb
P°PSPiC-PsC,PμPSP·PëPSCГР P‡P‡ C€P»CЦC...PsPj P±P»PsPeCГРPIP°PSPSCЦ
CГРPμC‡PμPİC,PsCГРC-PI AT₁ CГР C,PeP°PSPëPSP°C..., CГР C,PsPjCГР C‡PëCГРP»C- PI
PiP»P°PrPePëC... PjбГР™ CЦP·P°C... CГРCГРPrPëPS C,P° PSP°PrPSPëCГРPePsPIPëC...
P·P°P»PsP·. P°C-CЦ PsP»PjPμCГРP°CГРC,P°PSCГР PSPμ P·P°P»PμP¶PëC,CHb PIC-Pr
PrP¶PμCГРPμP»P° C- C€P»CЦC...CГР CГРPëPSC,PμP·CГР P°PSPiC-PsC,PμPSP·PëPSCГР P‡P‡.
P'PëP±C-CГРPePsPIPëPNë P°PSC,P°PiPsPSC-P·Pj CГРC,PsCГРPsPIPS
CГРPμC‡PμPİC,PsCГРC-PI AT₁ P°PSPiC-PsC,PμPSP·PëPSCГР P‡P‡ PİCГРPëP·PIPsPrPëC,CHb
PrPs P·P±C-P»CHbC€PμPSPSCЦ CГРC-PIPSЦЦ CГРPμPSC-PSCГР CГР PİP»P°P·PjC-
PeCГРPsPIC- C,P° PePsPSC‡PμPSC,CГРP°C‡C-C— P°PSPiC-PsC,PμPSP·PëPSCГР P‡ C-
P°PSPiC-PsC,PμPSP·PëPSCГР P‡P‡, P° C,P°PePsP¶ PrPs PrPμCЦPePsPiPs
P·PjPμPSC€PμPSPSCЦ CГРC-PIPSЦЦ P°P»CHbPrPsCГРC,PμCГРPsPSCГР CГР PİP»P°P·PjC-

PeC₇PsPIC-. P₄C₇Pë P°C₇C, P₄C₇C-P°P»CH₃PSC-PN₂ PiC-PiP₄C₇C, P₄PSP·C-C—
PsP»PjP₄C₇P°C₇C, P°PSCr PjP₄PrPsPeC₇PsPjC-P» C₇PiC₇PëC₇PëPSC₇C”
C, C₇PëPIP°P»P₄ P·PSPëP₄P₄PSPSC₇ P°C₇C, P₄C₇C-P°P»CH₃PSPsPiPs C, PëC₇PeCr,
C%₀₀Ps P·P°P»P₄P₄PëC, CH₃ PIC-Pr PrPsP·Pë.

P₄C₇Pë PN₂PsPiPs P·P°C₇C, PsC₇C₇PIP°PSPSC- PSP₄ PIC-PrPjC-C₇P°P»PsC₇C₇
C₇PsP·PIPëC, PeCr P°C₇C, P₄C₇C-P°P»CH₃PSPsC— PiC-PiPsC, P₄PSP·C-C— PiC-C₇P»C₇
PiC₇PëPN₂PsPjC₇ PiP₄C₇C€PsC— PrPsP·Pë, PsP·PSP°Pe C, P°C...C-C,, C-P»P°PeC₇C-C—
PiC₇Pë C, C₇PëPIP°P»PsPjC₇ P·P°C₇C, PsC₇C₇PIP°PSPSC- C, P° C₇P₄C₇PëPrPëPIC₇
P°C₇C, P₄C₇C-P°P»CH₃PSPsC— PiC-PiP₄C₇C, P₄PSP·C-C— PiC-C₇P»C₇
PiC₇PëPiPëPSP₄PSPSC₇ P·P°C₇C, PsC₇C₇PIP°PSPSC₇.

P₄C₇Pë P·P°C₇C, PsC₇C₇PIP°PSPSC- PsP»PjP₄C₇P°C₇C, P°PSCr PjP₄PrPsPeC₇PsPjC-P»Cr
C...PIPsC₇PëPj PSP° P°C₇C, P₄C₇C-P°P»CH₃PSCr PiC-PiP₄C₇C, P₄PSP·C-C₇ 1 C₇P°P·
PSP° PrPsP±Cr PIC-PrP±CrPIP°C”C, CH₃C₇C₇ P₄C,, P₄PeC, PëPIPS₄ C, P° PiP»P°PIPS₄
P·PSPëP₄P₄PSPSC₇ P°C₇C, P₄C₇C-P°P»CH₃PSPsPiPs C, PëC₇PeCr PiC₇PsC, C₇PiPsPj 24-
PiPsPrPëPSPSPsPiPs C-PSC, P₄C₇PIP°P»Cr PjC-P₄ P·P°C₇C, PsC₇C₇PIP°PSPSC₇PjPë.

P C-PIP₄PSCH₃ P°PSC, PëPiC-PiP₄C₇C, P₄PSP·PëPIPS₄C— PrC-C— PiC₇Pë
P·P°C₇C, PsC₇C₇PIP°PSPSC- PiC₇P₄PiP°C₇P°C, Cr 1 C₇Pë 2 C₇P°P·Pë PSP° PrPsP±Cr PI
PsPrPSC-PN₂ C- C, C-PN₂ C₇P°PjC-PN₂ PrPsP±PsPIC-PN₂ PrPsP·C- P±CrPI
PsPrPSP°PePsPIPëPN₂. P₄P°PeC₇PëPjP°P»CH₃PSP₄ P·PSPëP₄P₄PSPSC₇
P°C₇C, P₄C₇C-P°P»CH₃PSPsPiPs C, PëC₇PeCr PrPsC₇C₇PiP°C”C, CH₃C₇C₇ C₇P₄C₇P₄P·
8 C, PëP₄PSC-PI PiC-C₇P»C₇ PiPsC₇P°C, PeCr P»C-PeCrPIP°PSPSC₇, C...PsC₇P°
C₇C₇C, C”PIPëPN₂ PiC-PiPsC, P₄PSP·PëPIPS₄PëPN₂ P₄C,, P₄PeC,
C₇PiPsC₇C, P₄C₇C-PiP°C”C, CH₃C₇C₇ PIP₄P₄ C₇P₄C₇P₄P· 2 C, PëP₄PSC-
P»C-PeCrPIP°PSPSC₇.

P’PiP»PëPI PsP»PjP₄C₇P°C₇C, P°PSCr PjP₄PrPsPeC₇PsPjC-P»Cr PSP°
P·P°C...PIPsC₇C₇PIP°PSC-C₇C, CH₃ C, P° C₇PjP₄C₇C, PSC-C₇C, CH₃ PSP₄
PIC₇C, P°PSPsPIP»P₄PSPëPN₂.

P P°PSPPrPsPjC-P·PsPIP°PSP₄ PrPsC₇P»C-PrP₄P₄PSPSC₇ P·P°C₇C, PsC₇C₇PIP°PSPSC₇
PsP»PjP₄C₇P°C₇C, P°PSCr PrP»C₇ PiC₇PsC,, C-P»P°PeC, PëPePë
PrC-P°P±P₄C, PëC₇PSPsC— PjC-PeC₇PsP°P»CH₃P±CrPjC-PSC₇C₇C— (ROADMAP) C-P·
P·P°P»CrC₇P₄PSPSC₇Pj 4447 PiP°C₇C-C”PSC, C-PI C-P· C₇CrPeC₇PsPIPëPj
PrC-P°P±P₄C, PsPj 2 C, PëPiCr P· PSPsC₇PjP°P»CH₃PSPëPj C₇C-PIPS₄Pj
P°P»CH₃P±CrPjC-PSC₇C₇C— C- C₇Pe PjC-PSC-PjCrPj PsPrPSPëPj
PrPsPrP°C, PePsPIPëPj C,, P°PeC, PsC₇PsPj C₇PëP·PëPeCr PIPëPSPëPePSP₄PSPSC₇
C₇P₄C₇C₇P₄PIPs-C₇CrPrPëPSPSPëC... P·P°C...PIPsC₇C₇PIP°PSC₇,
PiC₇PsPIPsPrPëP»PsC₇C₇ P· PjP₄C, PsC₇ P·B₇™ C₇C₇C₇PIP°C, Pë, C₇Pë PjPsP₄P₄
C, P₄C₇P°PiC-C₇ PsP»PjP₄C₇P°C₇C, P°PSPsPj P·P°C, C₇PëPjP°C, Pë C₇P°C₇ PiPsC₇PIPë
PjC-PeC₇PsP°P»CH₃P±CrPjC-PSC₇C₇C— . P₄C-Pr C₇P°C₇ C₇P₄C₇P₄PrPSC₇PsPiPs
PiP₄C₇C-PsPrCr PIC-PrC₇C, P₄P₄P₄PSPSC₇ C, C₇PëPIP°P»C-C₇C, C₇ 3, 2 C₇PsPeCr
PiP°C₇C-C”PSC, Pë PsC, C₇PëPjCrPIP°P»Pë PsP»PjP₄C₇P°C₇C, P°PS P°P±Ps
PiP»P°C₇P₄P±Ps PSP° PrPsPrP°C, PsPe PrPs C-PSC€PëC...
P°PSC, PëPiC-PiP₄C₇C, P₄PSP·PëPIPS₄PëC... P·P°C₇PsP±C-PI, P·P° PIPëPSC₇C, PePsPj
C-PSPiC-P±C-C, PsC₇C-PI P₄P₄P°P±Ps P’P P₄.

PJ PīPμCḡPIPēPSPSC-PNē PeC-PSC†PμPIC-PNē C,PsC‡C†C- PrPsCḡP»C-PrP¶PμPSPSC¶ PīCḡPsPrPμPjPsPSCḡC,CḡCḡPIP°P»Ps P·PSP°C‡PSPμ P·PSPēP¶PμPSPSC¶ CḡPēP·PēPeCḡ C%PsPrPs C‡P°CḡCḡ PīPsC¶PIPē PjC-PeCḡPsP°P»CHBP±CḡPjC-PSCḡCḡC-C— PSP° PePsCḡPēCḡC,Cḡ PsP»PjPμCḡP°CḡC,P°PSCḡ. PμC-CḡP»C¶ PePsCḡPēPiCḡPIP°PSPSC¶ PIC-PrPjC-PSPSPsCḡC,PμPNē Cḡ PīPsPeP°P·PSPēPeP°C... P°CḡC,PμCḡC-P°P»CHBPSPsPiPs C,PēCḡPeCḡ (PḡPḡ) C†Pμ P·PSPēP¶PμPSPSC¶ CḡPēP·PēPeCḡ PīPμCḡPμCḡC,P°P»Ps P±CḡC,Pē CḡC,P°C,PēCḡC,PēC‡PSPs P·PSP°C‡CḡC%PēPj. PJ 8,2 % (Cḡ 178 P· 2160) PīP°C†C-C”PSC,C-PI Cḡ PiCḡCḡPiC- PsP»PjPμCḡP°CḡC,P°PSCḡ C- Cḡ 9,8 % (Cḡ 210 P· 2139) Cḡ PiCḡCḡPiC- PīP»P°C†PμP±Ps CḡPsP·PIPēPSCḡP»P°CḡC¶ PjC-PeCḡPsP°P»CHBP±CḡPjC-PSCḡCḡC-C¶.

PJ PIC,PsCḡPēPSPSC-PNē PeC-PSC†PμPIC-PNē C,PsC‡C†C- CḡPμCḡC†PμPIPs- CḡCḡPrPēPSPSC- C¶PIPēC%P° PIC-PrP·PSP°C‡P°P»PēCḡC¶ Cḡ 96 PīP°C†C-C”PSC,C-PI (4,3 %), C¶PeC- PsC,CḡPēPjCḡPIP°P»Pē PsP»PjPμCḡP°CḡC,P°PS, C- Cḡ 94 PīP°C†C-C”PSC,C-PI (4,2 %), C¶PeC- PsC,CḡPēPjCḡPIP°P»Pē PīP»P°C†PμP±Ps. PḡPjPμCḡC,PSC-CḡC,Cḡ PIC-Pr CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēC... P·P°C...PIPsCḡCḡPIP°PSCḡ P±CḡP»P° PIPēC%PsCḡ PI PiCḡCḡPiC- PsP»PjPμCḡP°CḡC,P°PSCḡ PI PīPsCḡC-PIPsC¶PSPSC- P· PiCḡCḡPīPsCḡ PīP»P°C†PμP±Ps (15 PīP°C†C-C”PSC,C-PI (0,7 %) C- 3 PīP°C†C-C”PSC,Pē (0,1 %)), PSPμP·PIP°P¶P°CḡC‡Pē PSP° PīPsPrC-P±PSCḡ C‡P°CḡC,PsC,Cḡ PIPēPSPēPePSPμPSPSC¶ C-PSCḡCḡP»CHC,Cḡ P±PμP· P»PμC,P°P»CHBPSPsPiPs PSP°CḡP»C-PrPeCḡ (14 PīP°C†C-C”PSC,C-PI (0,6 %) C- 8 PīP°C†C-C”PSC,C-PI (0,4 %)), C-PSC,,P°CḡPeC,Cḡ PjC-PsPeP°CḡPrP° P±PμP· P»PμC,P°P»CHBPSPsPiPs PSP°CḡP»C-PrPeCḡ (17 PīP°C†C-C”PSC,C-PI (0,8 %) C- 26 PīP°C†C-C”PSC,C-PI (1,2 %)) C,P° PīPsPeP°P·PSPēPeP° CḡPjPμCḡC,PSPsCḡC,C-, PSPμ PīPsPiBḡ™ C¶P·P°PSPsC— P· CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēPjPē PiCḡPēC‡PēPSP°PjPē (11 PīP°C†C-C”PSC,C-PI (0,5 %) C- 12 PīP°C†C-C”PSC,C-PI (0,5 %)). P—P°PiP°P»CHBPSP° CḡPjPμCḡC,PSC-CḡC,Cḡ Cḡ PiCḡCḡPiC- PsP»PjPμCḡP°CḡC,P°PSCḡ P±CḡP»P° PIPēC%PsCḡ (26 PīP°C†C-C”PSC,C-PI (1,2 %) C- 15 PīP°C†C-C”PSC,C-PI (0,7 %)), PiPsP»PsPIPsPēPj C‡PēPSPsPj, P·P° CḡP°C...CḡPSPsPe PIPēC%PsC— CḡPjPμCḡC,PSPsCḡC,C- P· CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēC... PiCḡPēC‡PēPS.

PJ PrPsCḡP»C-PrP¶PμPSPSC- ORIENT (The Olmesartan Reducing Incidence of End-stage Renal Disease in Diabetic Nephropathy Trial) PIPēPIC‡P°P»Pē PIPiP»PēPI PsP»PjPμCḡP°CḡC,P°PSCḡ PSP° CḡPμP·CḡP»CHC,P°C, PSPēCḡPePsPIPēC... C- CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēC... P·P°C...PIPsCḡCḡPIP°PSCḡ Cḡ 577 CḡP°PSPPrPsPjC-P·PsPIP°PSPēC... PīP°C†C-C”PSC,C-PI PI PīPiPsPSC-C— C- PI PḡPēC,P°C— P· C†CḡPeCḡPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPiCḡ C- PIPēCḡP°P¶PμPSPsCḡ PSPμC,,CḡPsPiP°C,C-C”Cḡ. PμC-Pr C‡P°Cḡ CḡPμCḡPμPrPSCḡPsPiPs PīPμCḡC-PsPrCḡ PIC-PrCḡC,PμP¶PμPSPSC¶ C,CḡPēPIP°P»C-CḡC,Cḡ 3,1 CḡPsPeCḡ PīP°C†C-C”PSC,Pē PsC,CḡPēPjCḡPIP°P»Pē PsP»PjPμCḡP°CḡC,P°PS P°P±Ps PīP»P°C†PμP±Ps PSP° PrPsPrP°C,PsPe PrPs C-PSC€PēC... P°PSC,PēPiC-PiPμCḡC,PμPSP·PēPIPsPēC... P·P°CḡPsP±C-PI, Cḡ C,PsPjCḡ C‡PēCḡP»C- C-PSPiC-P±C-C,PsCḡC-PI PḡPμPḡ.

PμPμCḡPIPēPSPSP° PsP±Bḡ™ C”PrPSP°PSP° PeC-PSC†PμPIP° C,PsC‡PeP° (C‡P°Cḡ PīPμCḡC€PsC— PīPsC¶PIPē PīPsPrPIPsC”PSPSC¶ CḡPēCḡPsPIP°C,PePsPIPsPiPs PeCḡPμP°C,PēPSC-PSCḡ, PSPēCḡPePsPIPμ P·P°C...PIPsCḡCḡPIP°PSPSC¶ PI

C, P_μCH₃PjC-PSP°P»CH₃PSC-PN₂ C₁C, P°PrC-C—, C₁PjP_μCH₃C, CH₃ P· C₁C₁C-C...
 P_iCH₃P_eC†P_ePS) P±C₁P»P° PrPsC₁C₁PiPSC₁C, P° C₁ 116 P_iP°C†C-C" PSC, C-PI C₁
 PiCH₃C₁PiC- PsP»PjP_μC₁P°CH₃C, P°PSC₁ (41,1 %) C- C₁ 129 P_iP°C†C-C" PSC, C-PI, C₁P_eC-
 PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C†P_μP±Ps (45,4 %) (HR 0,97 (95 % P"Pt PIC-Pr 0,75 PrPs
 1,24); p = 0,791). P'C, PsCH₃P_ePSPSP° PsP±b₇™ C"PrPSP°PSP° C₁P_μCH₃C†P_μPIPs-
 C₁C₁PrP_ePSPSP° PeC-PSC†P_μPIP° C, PsC†PeP° P±C₁P»P° PrPsC₁C₁PiPSC₁C, P° C₁ 40
 P_iP°C†C-C" PSC, C-PI, C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e PsP»PjP_μC₁P°CH₃C, P°PS (14,2 %),
 C- C₁ 53 P_iP°C†C-C" PSC, C-PI, C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C†P_μP±Ps (18,7 %).
 P_iC₁ PsP±b₇™ C"PrPSP°PSP° C₁P_μCH₃C†P_μPIPs-C₁C₁PrP_ePSPSP° PeC-PSC†P_μPIP°
 C, PsC†PeP° PIP_eP»CH₃C†P°P»P° C₁PjP_μCH₃C, PSC-C₁C, CH₃ PIC-Pr C₁P_μCH₃C†P_μPIPs-
 C₁C₁PrP_ePSPSP_eC... P·P°C...PIPsCH₃CH₃PIP°PSC₁ C₁ 10 (3,5 %) P_iP°C†C-C" PSC, C-PI,
 C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e PsP»PjP_μC₁P°CH₃C, P°PS, C- C₁ 3 (1,1 %)
 P_iP°C†C-C" PSC, C-PI, C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C†P_μP±Ps;
 P·P°PiP°P»CH₃PSP_ePN₂ P_iPsPeP°P·PSP_ePe C₁PjP_μCH₃C, PSPsC₁C, C-
 PrPsCH₃C-PIPSC₁PIP°PI 19 (6,7 %) C- 20 (7,0 %), C-PSC₁C₁P»CH₃C, P±P_μP·
 P»P_μC, P°P»CH₃PSPsPiPs PSP°C₁P»C-PrPeC₁ - 8 (2,8 %) C, P° 11 (3,9 %) C, P°
 C-PSC, P°CH₃PeC, PjC-PsPeP°CH₃PrP° P±P_μP· P»P_μC, P°P»CH₃PSPsPiPs PSP°C₁P»C-PrPeC₁
 b₇™ 3 (1,1 %) C- 7 (2,5 %) PIC-PrP_iPsPIC-PrPSPs.

P_hPjP»PsPrP_ePiC-PS (PrC-CH₃C†P° CH₃P_μC†PsPIP_ePSP° P₇P_μPIC-PeP°CH₃C)

P_hPjP»PsPrP_ePiC-PS, C%Ps PIC...PsPrP_eC, CH₃ PrPs C₁PeP»P°PrC₁ P_iCH₃P_μPiP°CH₃P°C, C₁
 P₇P_μPIC-PeP°CH₃, C" P±P»PsPeP°C, PsCH₃PsPj PeP°P»CH₃C†C-C"PIP_eC... PeP°PSP°P»C-PI
 C- PiP°P»CH₃PjC₁C" C, CH₃P°PSC₁PjP_μPjP±CH₃P°PSPSP_ePN₂ P_iP_μCH₃P_μPSPsC₁ C-PsPSC-PI
 PeP°P»CH₃C†C-CH₃ C†P_μCH₃P_μP· P_iPsC, P_μPSC†C-P°P»P·P°P»P_μP₇PSC- PeP°PSP°P»P_e L-
 C, P_ePiC₁ PI C₁P_μCH₃C†C- C- PiP»P°PrPeP_eC... Pj₇™ C₁P·P°C....
 P·PeC₁PiP_μCH₃P_ePjP_μPSC, P°P»CH₃PSC- PrP°PSC- C₁PIC-PrC†P°C, CH₃, C%Ps
 P°PjP»PsPrP_ePiC-PS PIP·P°C"PjPsPrC-C" C₁P_e P· PrC-P»C₁PSPeP°PjP_e
 P·Pi₇™ C₁P·C₁PIP°PSPSC₁ PrP_ePiC-PrCH₃PsPiC-CH₃P_ePrP_ePSC₁, C, P°Pe C- P·
 C-PSC€P_ePjP_e PrC-P»C₁PSPeP°PjP_e. P_hPjP»PsPrP_ePiC-PS PjP°C" PIC-PrPSPsC₁PSC₁
 PIP°P·PsC₁P_μP»P_μPeC, P_ePIPSC-C₁C, CH₃ C- P±C-P»CH₃C€P_μ PIP_iP»P_ePIP°C" PSP°
 PeP»C-C, P_ePSP_e PiP»P°PrPeP_eC... Pj₇™ C₁P·C-PI C₁C₁PrP_ePS, PSC-P₇ PSP°
 PeP°CH₃PrC-PsPjC-PsC†P_eC, P_e. P"C-PiPsC, P_μPSP·P_ePIPSP_ePN₂ P_μC, P_μPeC,
 P°PjP»PsPrP_ePiC-PSC₁ P·C₁PjPsPIP»P_μPSP_ePN₂ P_iCH₃C₁PjPsCH₃
 CH₃PsP·C₁P»P°P±P»CH₃CH₃C†PsCH₃ PrC-C"CH₃ PSP° PiP»P°PrPePsPj₇™ C₁P·PsPIC-
 PeP»C-C, P_ePSP_e P°CH₃C, P_μCH₃C-PN₂, C%Ps C₁P_iCH₃P_eC₁C" P·PjP_μPSC€P_μPSPSC₁
 P_iP_μCH₃P_eC, P_μCH₃P_eC†PSPsPiPs PsPiPsCH₃C₁ C₁C₁PrP_ePS C-, PsC, P₇P_μ,
 P·PSP_eP₇P_μPSPSC₁ P°CH₃C, P_μCH₃C-P°P»CH₃PSPsPiPs C, P_eC₁PeC₁.

P_μCH₃P_e P°CH₃C, P_μCH₃C-P°P»CH₃PSC-PN₂ PiC-PiP_μCH₃C, P_μPSP·C-C— P°PjP»PsPrP_ePiC-PS
 PIP_ePeP»P_ePeP°C" C, CH₃P_ePIP°P»P_μ P·PSP_eP₇P_μPSPSC₁ P°CH₃C, P_μCH₃C-P°P»CH₃PSPsPiPs
 C, P_eC₁PeC₁, P·P°P»P_μP₇PSP_μ PIC-Pr PrPsP·P_e. P PsP·PIP_eC, PeC₁
 P°CH₃C, P_μCH₃C-P°P»CH₃PSPsC— PiC-PiPsC, P_μPSP·C-C— PiC-C₁P»C₁ P_iCH₃P_ePN₂PsPjC₁
 P_iP_μCH₃C€PsC— PrPsP·P_e, PsP·PSP°Pe C, P°C...C-C, C-P»P°PeC₁C-C— P_iCH₃P_e
 C, CH₃P_ePIP°P»PsPjC₁ P»C-PeC₁PIP°PSPSC- P°P±Ps CH₃P_μC†P_ePrP_ePIC₁
 P°CH₃C, P_μCH₃C-P°P»CH₃PSPsC— PiC-PiP_μCH₃C, P_μPSP·C-C— PiC-C₁P»C₁
 P_iCH₃P_ePiP_ePSP_μPSPSC₁ P»C-PeC₁PIP°PSPSC₁ PSP_μ PIC-PrP·PSP°C†P°P»PsC₁C₁.

P_μC-ClP»C_μ P_iC_μP_ePN_ePsPjCr PI C, P_μC_μP^oP_iP_μPIC, P_eC_μPSP_eC... PrPsP·P^oC... Cr
 P^oP^oC_μC-C"PS_C, C-PI P· P^oC_μC, P_μC_μC-P^oP»CH_μPS_μPS_μC_μ P_iC-P_iP_μC_μC, P_μPS_μP·C-C"CH
 P^oPjP»PsPrP_eP_iC-PS P·P^oP_μP·P_iP_μC_μCrC" P_μC_μ, P_μPeC, P_ePIPS_μ P·PSP_eP_μP_μPS_μSC_μ
 P^oC_μC, P_μC_μC-P^oP»CH_μPS_μPS_μP_iPs C, P_eC_μP_eCr PI P_iPsP»PsP_μP_μPS_μSC_μC...
 P^oP^oC_μC-C"PS_C, P^o P»P_μP_μP^oC_μP_e, ClP_ePrC_μC_μP_e C- Cl_μC, PsC_μC_μP_e. P_μC_μP_ePIP^oP»P_μ
 P·P^oCl_μC, PsCl_μCrPIP^oPS_μSC_μ P^oPjP»PsPrP_eP_iC-PS_μ P_iPsP_iCl_μ™ C_μP·P^oPS_μ P·
 C-Cl_μC, PsC, PSP_ePjP_e P·PjC-PS^oPjP_e C_μP^oCl_μC, PsC, P_e Cl_μP_μC_μC_μP_μPIP_eC...
 Cl_μPePsC_μPsC_μP_μPS_μCH_μ P^oP_μPs C_μC-PIPS_μC_μ PeP^oC, P_μC...PsP»P^oPjC-PS_C-PI Cr
 P_iP»P^oP·PjC-. PJ P^oP^oC_μC-C"PS_C, C-PI P· P^oC_μC, P_μC_μC-P^oP»CH_μPS_μPS_μC_μ
 P_iC-P_iP_μC_μC, P_μPS_μP·C-C"CH C, P^o PS_μPS_μC_μPjP^oP»CH_μPS_μPS_μC_μ C_μ, CrPS_μPeC_μC-C"CH
 PSP_eC_μPsPe P^oPjP»PsPrP_eP_iC-PS PI C, P_μC_μP^oP_iP_μPIC, P_eC_μPSP_eC... PrPsP·P^oC...
 P·PjP_μPS_C€CrPIP^oPI PsP_iC-C_μ PSP_eC_μPePsPIP_eC... Cl_μCrPrP_ePS C-
 P_iC-PrPIP_eC%CrPIP^oPI C€PIP_ePrPeC-Cl_μC, CH_μ PeP»CrP_μPsC_μPePsPIP_μSC—
 C_μ, C-P»CH_μC, C_μP^oC_μC-C— C, P^o P_μC_μ, P_μPeC, P_ePIPS_μCr C€PIP_ePrPeC-Cl_μC, CH_μ
 P_iPsC, PsPeCr P_iP»P^oP·PjP_e PI PSP_eC_μPeP^oC..., PSP_μ P·PjC-PS_μCH_μC_μP_e
 C_μ, C-P»CH_μC, C_μP^oC_μC-PM_ePS_μPS_C— C_μ, C_μP^oPeC_μC-C— C- PSP_μ P_iC_μPsPIP_μPeCr_μCH_μC_μP_e
 C_μPsP·PIP_eC, PeCr P_iC_μPsC, P_μC—PS_μCr_μC_μC—C—.

PJ PrPsCl_μP»C-PrP_μP_μPS_μSC_μC... P_iP_μPjPsPrP_ePS^oPjC-PeP_e Cr P^oP^oC_μC-C"PS_C, C-PI
 C-P· Cl_μP_μC_μC_μP_μPIP_μSC_μ PSP_μPrPsCl_μC, P^oC, PS_C-Cl_μC, CH_μ, P^o C, P^oPePsP_μ Cr
 PeP»C-PS_C-C_μPSP_eC... PrPsCl_μP»C-PrP_μP_μPS_μSC_μC... P·C- Cl_μC, C_μP_μCl_μC, P_μCl_μC, PsPj
 P_iC_μP_e Cl_μP_μC_μC_μP_μPIC-PM_e PSP_μPrPsCl_μC, P^oC, PS_μPS_μCl_μC, C- (PeP»P^oCl_μP_e II-IV P·P^o
 NYHA) P^oPjP»PsPrP_eP_iC-PS PSP_μ P_iPsP_iC-C_μC€CrPIP^oPI Cl_μC, P^oPS_μCr
 CrC_μP^oCl_μPS_μPeC-PI PrPsCl_μP»C-PrP_μP_μPS_μSC_μC, C%Ps PsC_μC-PS_μCH_μPIP^oPI Cl_μC_μ P·P^o
 P_iP_μC_μP_μPS_μPS_μCl_μP_ePjC-Cl_μC, CH_μ PSP^oPIP^oPS_C, P^oP_μPS_μCH_μ, C_μ, C_μP^oPeC_μC-C"CH
 PIP_ePeP_ePrCr P»C-PIPS_μP_iPs C€P»CrPS_μPS_μC_μPeP^o, P^o C, P^oPePsP_μ P·P^o
 PeP»C-PS_C-C_μPSP_ePjP_e PsP·PSP^oPeP^oPjP_e C- Cl_μP_ePjP_iC, PsPjP^oPjP_e.

PJ P_iP»P^oC_μP_μP_μPs-PePsPS_C, C_μPsP»CH_μPsPIP^oPS_μPS_μPjCr PrPsCl_μP»C-PrP_μP_μPS_μSC-
 (PRAISE) P·P^o CrC_μP^oCl_μC, CH_μ P^oP^oC_μC-C"PS_C, C-PI C-P· Cl_μP_μC_μC_μP_μPIP_μSC_μ
 PSP_μPrPsCl_μC, P^oC, PS_C-Cl_μC, CH_μ (PeP»P^oCl_μP_e III-IV P·P^o NYHA), C_μPeC-
 PsC, C_μP_ePjCrPIP^oP»P_e PrP_eP_iPsPeCl_μP_ePS, PrC-C_μC_μP_μC, P_ePeP_e C, P^o
 C-PS_μP_iC-P_μC-C, PsC_μP_e P_μP_μα, P_μCrP»Ps P_iPsPeP^oP·P^oPS_μPS_μ, C%Ps
 P^oPjP»PsPrP_eP_iC-PS PSP_μ P·P_μC-P»CH_μC€CrC" C_μP_eP·P_ePe Cr P»P_μC, P^oP»CH_μPS_μPS_μP_iPs
 PSP^oCl_μP»C-PrPeCr P^oP_μPs P_iC-PrPIP_eC%P_μPS_μSC_μC Cl_μPjP_μC_μC, PS_μPS_μCl_μC, C- C, P^o
 P·P^oC...PIP_μC_μCH_μPIP^oPS_μPS_μCl_μC, C- Cr P^oP^oC_μC-C"PS_C, C-PI C-P· Cl_μP_μC_μC_μP_μPIP_μSC_μ
 PSP_μPrPsCl_μC, P^oC, PS_C-Cl_μC, CH_μ.

PJ P_iPsPrP^oP»CH_μC€PsPjCr PrPsPIP_μPS_μCl_μC, C_μPsPePsPIP_μPS_μPjCr P_iP»P^oC_μP_μP_μPs-
 PePsPS_C, C_μPsP»CH_μPsPIP^oPS_μPS_μPjCr PrPsCl_μP»C-PrP_μP_μPS_μSC- (PRAISE-2)
 P^oPjP»PsPrP_eP_iC-PS_μCr P·P^o CrC_μP^oCl_μC, CH_μ P^oP^oC_μC-C"PS_C, C-PI C-P·
 Cl_μP_μC_μC_μP_μPIP_μSC_μ PSP_μPrPsCl_μC, P^oC, PS_C-Cl_μC, CH_μ (NYHA, III C- IV) P_μP_μ·
 PeP»C-PS_C-C_μPSP_eC... Cl_μP_ePjP_iC, PsPjC-PI P^oP_μPs PsP_μCl_μ™ C"PeC, P_ePIPS_μPeC...
 PrP^oPSP_eC..., C_μPeC- P_μ Cl_μPI C-PrC_μP_eP»P_e P_iC_μPs C-C€P_μPjC-C_μPS_μCr
 C...PIP_μC_μPsP_μCr Cl_μP_μC_μC_μC_μ, P_iC_μP_e P»C-PeCrPIP^oPS_μSC-
 C-PS_μP_iC-P_μC-C, PsC_μP^oPjP_e P_μP_μα, P_iC_μP_μP_iP^oC_μP^oC, P^oPjP_e
 PSP^oP_iP_μC_μCl_μC, C_μPS_μPeP_e C, P^o PrC-C_μC_μP_μC, P_ePeP^oPjP_e PI P_iPsCl_μC, C-PM_ePS_μPeC...

PrPsP·P°C... P°PjP»PsPrPëPïC-PS PSPµ PIPïP»PëPIP°PI PSP° CÍPjPµCĤC,PSC-CÍC,CH
P·P°PiP°P»PsPj C- CÍPjPµCĤC,PSC-CÍC,CH PI CĤPµP·CÍP»CHC,P°C,C-
CÍPµCĤC†PµPIPs-CÍCÍPrPëPSPSPëC... P·P°C...PIPsCĤCĤPIP°PSCĤ P·PsPeCĤPµPjP°. PJ
C†C-PNë PiCĤCÍPïC- PïP°C†C-C" PSC,C-PI PIC-PrP·PSP°C†P°P»PsCÍCĬ
P·P±C-P»CHC€PµPSPSCĬ PIPëPiP°PrPeC-PI CĤPsP·PIPëC,PeCÍ PSP°P±CĤCĬPeCÍ
P»PµPiPµPSCĤ, PïPsPIBĤ™ CĬP·P°PSPsPiPs P· PïCĤPëPNëPsPjPsPj P°PjP»PsPrPëPïC-PSCÍ,
PïCĤPsC,Pµ CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CÍC%PëC... PIC-PrPjC-PSPSPsCÍC,PµPNë
C†P°CÍC,PsC,Pë C,,P°PeC,C-PI PïPsPiC-CĤC€PµPSPSCĬ CÍPµCĤC†PµPIPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- PI PïPsCĤC-PIPSĬPSPSC- P· C,P°PePsCĤ PïCĤPë
P·P°CÍC,PsCÍCÍPIP°PSPSC- PïP»P°C†PµP±Ps PSPµ CÍPïPsCÍC,PµCĤC-PiP°P»PsCÍCĬ.

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

P°P»CĬ PïPsCĤC-PIPSĬPSPSCĬ PSPsPIC-C,PSC-C... C,PµCĤP°PiPµPIC,PëC†PSPëC...
PïC-PrC...PsPrC-PI P±CÍP»Ps PïCĤPsPIPµPrPµPSPs PïPsPrPIC-PNëPSPs CÍP»C-PiPµ
CĤP°PSPrPsPjC-P·PsPIP°PSPµ PrPsCÍP»C-PrP¶PµPSPSCĬ PIPïP»PëPICÍ PSP°
P·P°C...PIPsCĤCĤPIP°PSC-CÍC,CH C,P° CÍPjPµCĤC,PSC-CÍC,CH PïC-Pr PSP°P·PIPsCĤ
B«P°PëPïCĤPsP±CÍPIP°PSPSCĬ C%PsPrPs P·P°CÍC,PsCÍCÍPIP°PSPSCĬ
P°PSC,PëPiC-PiPµCĤC,PsPSC-C†PSPsC— C- P»C-PiC-PrPsP·PSPëP¶CÍPIP°P»CHPSPsC—
C,PµCĤP°PiC-C— PrP»CĬ PïCĤPsC,,C-P»P°PeC,PëPePë C-PSC,,P°CĤPeC,CÍ
PjC-PsPeP°CĤPrP°B» (ALLHAT): P°PjP»PsPrPëPïC-PS PI PrPsP·C- 2,5–10 PjPi/PrPsP±CÍ
(P±P»PsPeP°C,PsCĤ PeP°P»CHC†C-C"PIPëC... PeP°PSP°P»C-PI) P°P±Ps
P»C-P·PëPSPsPiCĤPëP» CÍ PrPsP·C- 10–40 PjPi/PrPsP±CÍ (C-PSPiC-P±C-C,PsCĤ
PĤPµPα) CĬPe C,PµCĤP°PiC-CĬ PïPµCĤC€PsPiPs PIPëP±PsCĤCÍ C- C,C-P°P·PëPrPSPëPNë
PrC-CÍCĤPµC,PëPe C...P»PsCĤC,P°P»C-PrPsPS PI PrPsP·C- 12,5–25 PjPi/PrPsP±CÍ
PïCĤPë PiC-PiPµCĤC,PµPSP·C-C— PIC-Pr P»PµPiPePsPiPs PrPs PïPsPjC-CĤPSPsPiPs
CÍC,CÍPïPµPSCĬ. P—P°PiP°P»PsPj 33357 PïP°C†C-C" PSC,C-PI P·
P°CĤC,PµCĤC-P°P»CHPSPsCĤ PiC-PiPµCĤC,PµPSP·C-C" CĤ CÍ PIC-C†C- PIC-Pr 55
CĤPsPeC-PI P±CÍP»Pë CĤP°PSPrPsPjC-P·PsPIP°PSC- C- P·PSP°C...PsPrPëP»PëCÍCĬ
PïC-Pr CÍPïPsCÍC,PµCĤPµP¶PµPSPSCĬPj PI CÍPµCĤPµPrPSCĤPsPjCÍ PïCĤPsC,CĬPiPsPj
4,9 CĤPsPeCÍ. PJ PïP°C†C-C" PSC,C-PI P±CÍPI CĬPe PjC-PSC-PjCÍPj PsPrPëPS
PrPsPrP°C,PePsPIPëPNë C,,P°PeC,PsCĤ CĤPëP·PëPeCÍ CĤPsP·PIPëC,PeCÍ P†PÍPŸ,
PIPeP»CĤC†P°CĤC†Pë PïPµCĤPµPSPµCÍPµPSC- CĤP°PSC-C€Pµ C-PSC,,P°CĤPeC,
PjC-PsPeP°CĤPrP° C†Pë C-PSCÍCÍP»CHC, (P±C-P»CHC€Pµ 6 PjC-CÍCĬC†C-PI
PïPµCĤPµPr PIC-PrP±PsCĤPsPj) P°P±Ps PSP°CĬPIPSĬ-CÍC,CH C-PSC€PëC... PŸPŸP—
P°C,PµCĤPsCÍPeP»PµCĤPsC,PëC†PSPsPiPs C...P°CĤP°PeC,PµCĤCÍ (PICÍCHPsPiPs
51,5 %), C†CÍPeCĤPsPIPëPNë PrC-P°P±PµC, 2 C,PëPïCÍ (36,1 %), CĤC-PIPµPSCĤ
P>PµP°P©-C...PsP»PµCÍC,PµCĤPëPSCÍ < 35 PjPi/PrP» (11,6 %),
PiC-PiPµCĤC,CĤPsC,,C-CĤ P»C-PIPsPiPs C€P»CÍPSPsC†PeP°,
PrC-P°PiPSPsCÍC,PsPIP°PSCÍ P·P° PrPsPïPsPjPsPiPsCĤ
PµP»PµPeC,CĤPsPeP°CĤPrC-PsPiCĤP°C,,C-C— P°P±Ps
PµC...PsPeP°CĤPrC-PsPiCĤP°C,,C-C— (20,9 %), PeCÍCĤC-PSPSCĬ PSP° C†P°CÍ
CÍC†P°CÍC,C- PI PrPsCÍP»C-PrP¶PµPSPSC- (21,9 %).

PµPµCĤPIPëPSPSPsCĤ PeC-PSC†PµPIPsCĤ C,PsC†PePsCĤ PrPsCÍP»C-PrP¶PµPSPSCĬ
P±CÍP»Ps PïPsC"PrPSP°PSPSCĬ P†PÍPŸ P· P»PµC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj
P°P±Ps C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP° P±PµP· P»PµC,P°P»CHPSPsPiPs

PSP°CÍP»C-PrPeCr. P—PSP°C†C†C‰PëC... PIC-PrPjC-PSPSPsCÍC,PµPNë C‰PsPrPs
PîPµCĤPIPëPSPSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë PrPsCÍP»C-PrP¶PµPSPSCĬ
PjC-P¶ C,PµCĤP°PîC-C″CĤ P°PjP»PsPrPëPîC-PSPsPj C- C...P»PsCĤC,P°P»C-PrPsPSPsPj
PSPµ P±C†P»Ps: PhP (RR 0,98 95 % P″P† (0,90–1,07) CĤ = 0,65. P©Ps
CÍC,PsCÍC†C″C,CHCÍCĬ PIC,PsCĤPëPSPSPëC... PeC-PSC†PµPIPëC... C,PsC†PsPe
PrPsCÍP»C-PrP¶PµPSPSCĬ, C†P°CÍC,PsC,P° CĤPsP·PIPëC,PeCr CÍPµCĤC†PµPIPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- (PePsPjPîPsPSPµPSC, PePsPjP±C-PSPsPIP°PSPsC—
PeC-PSC†PµPIPsC— C,PsC†PePë CÍPµCĤC†PµPIPs-CÍC†PrPëPSPSPsPiPs
P·P°C...PIPsCĤCĤPIP°PSPSCĬ) P±C†P»P° P·PSP°C†PSPs PIPëC‰PsCĤ Cr PiCĤC†PîC-
P°PjP»PsPrPëPîC-PSC† PîPsCĤC-PIPSCĬPSPs P· PiCĤC†PîPsCĤ
C...P»PsCĤC,P°P»C-PrPsPSC† (10,2 % C- 7,7 %, PhP 1,38, 95 % P″P† [1,25–1,52] p
< 0,001). PhPrPSP°Pe P·PSP°C†C†C‰PëC... PIC-PrPjC-PSPSPsCÍC,PµPNë C‰PsPrPs
PîPsPeP°P·PSPëPeP° CÍPjPµCĤC,PSPsCÍC,C- P· P±C†PrCHC-CĬPePsC— PîCĤPëC†PëPSPë
PjC-P¶ C,PµCĤP°PîC-C″CĤ P°PjP»PsPrPëPîC-PSPsPj C- C...P»PsCĤC,P°P»C-PrPsPSPsPj
PSPµ P±C†P»Ps (PhP 0,96, 95 % P″P† [0,89BĤ“1,02], p = 0,20).

P†PSCëP° C-PSC„PsCĤPjP°C†C-CĬ

PŸPîC-P»CHPSPµ P·P°CÍC,PsCÍC†PIP°PSPSCĬ C-PSPiC-P±C-C,PsCĤC-PI PhPµPα C,P°
P±P»PsPeP°C,PsCĤC-PI CĤPµC†PµPîC,PsCĤC-PI P°PSPiC-PsC,PµPSP·PëPSC† II P±C†P»Ps
PrPsCÍP»C-PrP¶PµPSPs Cr PrPIPsC... CëPëCĤPsPePsPjP°CÍCëC,P°P±PSPëC...,
CĤP°PSPrPsPjC-P·PsPIP°PSPëC..., PePsPSC,CĤPsP»CHPsPIP°PSPëC...
PrPsCÍP»C-PrP¶PµPSPSCĬC... (ONTARGET (ONgoing Telmisartan Alone C- PI
PePsPjP±C-PSP°C†C-C— P· Ramipril Global Endpoint Trial) C- VA NEPHRON-D (The
Veterans Affairs Nephropathy in Diabetes)).

ONTARGET CĬPIP»CĬP»Ps CÍPsP±PsCĤ PrPsCÍP»C-PrP¶PµPSPSCĬ,
PîCĤPsPIPµPrPµPSPµ P·P° C†C†P°CÍC,CĤ PîP°C†C-C″PSC,C-PI C-P· CÍPµCĤC†PµPIPs-
CÍC†PrPëPSPSPëPj P°P±Ps C†PµCĤPµP±CĤPsPIP°CÍPeCrP»CĬCĤPSPëPj
P·P°C...PIPsCĤCĤPIP°PSPSCĬPj PI P°PSP°PjPSPµP·C- P°P±Ps C†C†PeCĤPsPIPëPj
PrC-P°P±PµC,PsPj 2 C,PëPîCr, C‰Ps CÍC†PîCĤPsPIPsPrP¶C†C″C,CHCÍCĬ
PsP·PSP°PeP°PjPë C†CĤP°P¶PµPSPSCĬ PsCĤPiP°PSC†-PjC-CëPµPSC-. VA NEPHRON-D
CĬPIP»CĬP»Ps CÍPsP±PsCĤ PrPsCÍP»C-PrP¶PµPSPSCĬ, PîCĤPsPIPµPrPµPSPµ P·P°
C†C†P°CÍC,CĤ PîP°C†C-C″PSC,C-PI P· C†C†PeCĤPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPîCr
C,P° PrC-P°P±PµC,PëC†PSPsCĤ PSPµC„CĤPsPîP°C,C-C″CĤ. PîC-
PrPsCÍP»C-PrP¶PµPSPSCĬ PSPµ PIPëCĬPIPëP»Pë P·PSP°C†PëPjPsPiPs
CÍPîCĤPëCĬC,P»PëPIPsPiPs PIPîP»PëPIC† PSP° CĤPµP·CrP»CHC,P°C,
PSPëCĤPePsPIPëC... C,P°/P°P±Ps CÍPµCĤC†PµPIPs-CÍC†PrPëPSPSPëC...
P·P°C...PIPsCĤCĤPIP°PSCĤ C- PSP° CÍPjPµCĤC,PSC-CÍC,CH PIC-Pr PSPëC..., C,PsPrC-
CĬPe Cr PîPsCĤC-PIPSCĬPSPSC- P· PjPsPSPsC,PµCĤP°PîC-C″CĤ
CÍPîPsCÍC,PµCĤC-PiP°PIC†CĬ PîC-PrPIPëC‰PµPSPëPNë CĤPëP·PëPe CĤPsP·PIPëC,PeCr
PiC-PîPµCĤPeP°P»C-C″PjC-C—, PiPsCÍC,CĤPsPiPs CrCĤP°P¶PµPSPSCĬ PSPëCĤPsPe
C,P°/P°P±Ps PiC-PîPsC,PsPSC-C—. P—PIP°P¶P°CĤC†Pë PSP° CÍC...PsP¶C-CÍC,CH
C„P°CĤPjP°PePsPrPëPSP°PjC-C†PSPëC... PIP»P°CÍC,PëPIPsCÍC,PµPNë, C†C-
CĤPµP·CrP»CHC,P°C,Pë C,P°PePsP¶ P·P°CÍC,PsCÍPsPIPsC- PrP»CĬ C-PSCëPëC...
C-PSPiC-P±C-C,PsCĤC-PI PhPµPα C,P° P±P»PsPeP°C,PsCĤC-PI CĤPµC†PµPîC,PsCĤC-PI
P°PSPiC-PsC,PµPSP·PëPSC† II.

ALTITUDE (Aliskiren Trial in Type 2 Diabetes Using Cardiovascular and Renal Disease Endpoints) бҗ“ C†Pμ PrPsCГP»C-PrP¶PμPSPSC¶, PιCҗPsPIPμPrPμPSPμ PrP»C¶ PIPөC¶PIP»PμPSPSC¶ PιPsP·PөC,PөPIPSPsPiPs PμC,,PμPeC,Cr PIC-Pr PrPsPrP°PIP°PSPSC¶ P°P»C-CГPeC-CҗPμPSCr PrPs CГC,P°PSPrP°CҗC,PSPsC— C,PμCҗP°PiC-C— C-PSPiC-P±C-C,PsCҗP°PjPө PҗPμPα P°P±Ps P±P»PsPeP°C,PsCҗP°PjPө CҗPμC†PμPiC,PsCҗC-PI P°PSPiC-PsC,PμPSP·PөPSCr II PiP°C†C-C”PSC,P°Pj P· C†CrPeCҗPsPIPөPj PrC-P°P±PμC,PsPj 2 C,PөPiCr C,P° C...CҗPsPSC-C‡PSPөPj P·P°C...PIPsCҗCҗPIP°PSPSC¶Pj PSPөCҗPsPe, CГPμCҗC†PμPIPs-CГCrPrPөPSPSPөPj P·P°C...PIPsCҗCҗPIP°PSPSC¶Pj P°P±Ps C,PөPj, C...C,Ps PjP°C” PsP±PөPrPIP° P·P°C...PIPsCҗCҗPIP°PSPSC¶. PιPμ PrPsCГP»C-PrP¶PμPSPSC¶ P±CrP»Ps PιCҗPөPiPөPSPμPSPs PrPsCГC,CҗPsPePsPIPs Cr P·PIбҗ™ C¶P·PeCr P· PiC-PrPIPөC%PμPSPөPj CҗPөP·PөPePsPj PSPμP±P°P¶P°PSPөC... PSP°CГP»C-PrPeC-PI. PҗPjPμCҗC,CH PIC-Pr CГPμCҗC†PμPIPs-CГCrPrPөPSPSPөC... P·P°C...PIPsCҗCҗPIP°PSCҗ C- PIPөPiP°PrPePө PIPөPSPөPePSPμPSPSC¶ C-PSCГCrP»CHC,Cr P±CrP»Pө C‡P°CГC,C-CөPөPjPө PI PiCҗCrPiC-, C%Ps PιCҗPөPNөPjP°P»P° P°P»C-CГPeC-CҗPμPS, PSC-P¶ Cr PiCҗCrPiC-, C%Ps PιCҗPөPNөPjP°P»P° PiP»P°C†PμP±Ps, C- PiPsPIC-PrPsPjP»PμPSPSC¶ PιCҗPs PSPμP±P°P¶P°PSC- C¶PIPөC%P° C- CГPμCҗPNөPsP·PSC- PSPμP±P°P¶P°PSC- C¶PIPөC%P° (PiC-PiPμCҗPeP°P»C-C”PjC-C¶, P°CҗC,PμCҗC-P°P»CHPSP° PiC-PiPsC,PμPSP·C-C¶ C- PiPsCҗCrCөPμPSPSC¶ C,,CrPSPeC†C-C— PSPөCҗPsPe) P±CrP»Pө C‡P°CГC,C-CөPөPjPө PI PiCҗCrPiC-, C¶PeP° PιCҗPөPNөPjP°P»P° P°P»C-CГPeC-CҗPμPS, PSC-P¶ Cr PiCҗCrPiC-, C¶PeP° PιCҗPөPNөPjP°P»P° PiP»P°C†PμP±Ps.

$$P\propto P^{\circ}C\eta PjP^{\circ}P\epsilon PsP\epsilon C-PSP\mu C,P\ddot{e}P\epsilon P^{\circ}.$$

PμC-ĆĴP»CĴ PĴPμCĴPsCĴP°P»CHbPSPsPiPs P·P°ĆĴC,PsĆĴĆrPIP°PSPSCĴ
 PĴCĴPμPĴP°CĴP°C,Ćr PŸPμPIC-PeP°CĴ PjP°PeĆĴPĕPjP°P»CHbPSP°
 PePsPSC†PμPSC,CĴP°C†C-CĴ PsP»PjPμĆĴP°CĴC,P°PSCr PjPμPrPsPeĆĴPsPjC-P»Ćr C,P°
 P°PjP»PsPrPĕPĴC-PSCr Ĵr PĴP»P°P·PjC- PeCĴPsPIC- PrPsĆĴCĴPiP°C”C,CHbĆĴCĴ
 C†PμCĴPμP· 1,5bĴ”2 C,P° 6bĴ”8 PiPsPrPĕPS PIC-PrPĴPsPIC-PrPSPs.
 PĕPIPĕPrPeC-ĆĴC,CHb C,P° ĴĴC,ĆrPiC-PSCHb PICĴPjPsPeC,ĆrPIP°PSPSCĴ PrPIPsC...
 PrC-CĴC†PĕC... CĴPμC†PsPIPĕPS PĴCĴPμPĴP°CĴP°C,Ćr PŸPμPIC-PeP°CĴ
 PIC-PrPĴPsPIC-PrP°C” C—C...PSC-PN₂ CĕPIPĕPrPePsĆĴC,C- C,P°
 PICĴPjPsPeC,ĆrPIP°PSPSCĴ PĴCĴPĕ P·P°ĆĴC,PsĆĴĆrPIP°PSPSC- PsPeCĴPμPjPs.
 P’C-PsPrPsĆĴC,ĆrPiPSC-ĆĴC,CHb PsP»PjPμĆĴP°CĴC,P°PSCr PjPμPrPsPeĆĴPsPjC-P»Ćr
 C,P° P°PjP»PsPrPĕPiC-PSCr Ĵr ĴĴPeP»P°PrC- P»C-PeP°CĴĆĴCHbPePsPiPs P·P°ĆĴPsP±Ćr
 PŸPμPIC-PeP°CĴ PSPμ P·P°P»PμP¶PĕC,CHb PIC-Pr PĴCĴPĕPN₂PsPjĆr C—P¶C-.

$$PhP \gg PjP\mu C\dot{I}P^\circ C\dot{H}C, P^\circ PSC\acute{z} PjP\mu PrPsPeC\dot{I}PsPjC-P \gg (PrC-C\dot{H}C\ddagger P^\circ C\dot{H}P\mu C\ddagger PsPIP\ddot{e}PSP^\circ P\ddot{Y}P\mu PIC-PeP^\circ C\dot{H}C\acute{z})$$

P'CT'PjPsPeC,CrPIP°PSPSCII C,P° C₇H₅PsP·P_iPsPrC-P»

PhP»PjPµCΓP°CḡC,P°PSCr PjPµPrPsPeCΓPsPjC-P» бґ“ C†Pµ PīCḡPsP»C-PePē. P'C-PS C€PIPēPrPePs PīPµCḡPµC,PIPsCḡCḡC”C,CHCΓCḡ Cḡ C,,P°CḡPjP°PePsP»PsPiC-C†PSPs P°PeC,PēPIPSPēPNē PjPµC,P°P±PsP»C-C, PsP»PjPµCΓP°CḡC,P°PS PīC-Pr PrC-C”Cḡ PµCΓC,PµCḡP°P· Cḡ CΓP»PēP·PsPIC-PNē PsP±PsP»PsPSC†C- PePēC€PµC†PSPēPeCḡ C,P° PI PīPsCḡC,P°P»CHBPSC-PNē PeCḡPsPIC- PīC-Pr C†P°CΓ PICΓPjPsPeC,CḡPIP°PSPSCḡ Cḡ C,CḡP°PIPSPsPjCḡ C,CḡP°PeC,C-. PJ PīP»P°P·PjC- PeCḡPsPIC- P°P±Ps Cḡ PīCḡPsPrCḡPeC,P°C... PIPēPIPµPrPµPSPSCḡ PSPµPīPµCḡPµC,PIPsCḡPµPSPēPNē PsP»PjPµCΓP°CḡC,P°PSCr PjPµPrPsPeCΓPsPjC-P» P°P±Ps P±PsPePsPIPēPNē P»P°PSC†CḡPi PjPµPrPsPeCΓPsPjC-P»CHBPSPsC— PiCḡCḡPīPē PSPµ PIPēCḡPIP»CḡP»PēCḡCḡ. PŸPµCḡPµPrPSCḡ P°P±CḡPsP»CḡC,PSP° P±C-PsPrPsCḡC,CḡPīPSC-CḡC,CH PsP»PjPµCΓP°CḡC,P°PSCr Cḡ PIPēPiP»CḡPrC- C,P°P±P»PµC,PsPe CḡC,P°PSPsPIPēP»P° 25,6 %.

PŸPµCḡPµPrPSCḡ PjP°PeCΓPēPjP°P»CHBPSP° PePsPSC†PµPSC,CḡP°C†C-Cḡ (PŸ_{max}) PsP»PjPµCΓP°CḡC,P°PSCr Cḡ PīP»P°P·PjC- PeCḡPsPIC- PrPsCḡCḡPiP°C”C,CHCΓCḡ PīCḡPēP±P»PēP·PSPs C†PµCḡPµP· 2 PiPsPrPēPSPē PīC-CḡP»Cḡ PīPµCḡPsCḡP°P»CHBPSPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ. PḡPsPSC†PµPSC,CḡP°C†C-Cḡ PsP»PjPµCΓP°CḡC,P°PSCr Cḡ PīP»P°P·PjC- PeCḡPsPIC- P·P±C-P»CHC€CḡC”C,CHCΓCḡ PīCḡPēP±P»PēP·PSPs P»C-PSC-PNēPSPs P·C- P·P±C-P»CHC€PµPSPSCḡPj PsPrPSPsCḡP°P·PsPIPsC— PrPsP·Pē PrPs 80 PjPi.

P†P¶P° C†PēPSPēC,CH PjC-PSC-PjP°P»CHBPSCr PrC-Cḡ PSP° P±C-PsPrPsCḡC,CḡPīPSC-CḡC,CH PsP»PjPµCΓP°CḡC,P°PSCr, C,PsPjCḡ PsP»PjPµCΓP°CḡC,P°PSCr PjPµPrPsPeCΓPsPjC-P» PjPsP¶PSP° P·P°CḡC,PsCḡPsPICrPIP°C,Pē PSPµP·P°P»PµP¶PSPs PIC-Pr C—C— PīCḡPēPNēPsPjCḡ.

PḡP»C-PSC-C†PSPs P·PSP°C†Cḡ%PsC— CḡC-P·PSPēC†C- Cḡ C,,P°CḡPjP°PePsPeC-PSPµC,PēC†C- PsP»PjPµCΓP°CḡC,P°PSCr P·P°P»PµP¶PSPs PIC-Pr CḡC,P°C,C- PīP°C†C-C”PSC,P° PSPµ PIPēCḡPIP»PµPSPs.

PhP»PjPµCΓP°CḡC,P°PS P°PeC,PēPIPSPs P·PIбґ™ CḡP·CḡC”C,CHCΓCḡ P· P±C-P»PeP°PjPē PeCḡPsPIC- (99,7 %), PsPrPSP°Pe CḡPēP·PēPe PeP»C-PSC-C†PSPs P·PSP°C†Cḡ%PsC— PePsPSPeCḡCḡPµPSC,PSPsC— PIP·P°C”PjPsPrC-C— P· C-PSC€PēPjPē PīCḡPµPīP°CḡP°C,P°PjPē, C%Ps P°PeC,PēPIPSPs P·PIбґ™ CḡP·CḡCḡC,CHCΓCḡ P· P±C-P»PeP°PjPē PeCḡPsPIC-, PrPsCḡC,P°C,PSCHPs PSPēP·CHPePēPNē. PµC-PrC,PIPµCḡPrP¶PµPSPSCḡPj C†CHPsPiPs C” PIC-PrCḡCḡC,PSC-CḡC,CH C,P°PePsC— PIP·P°C”PjPsPrC-C— PjC-P¶ PsP»PjPµCΓP°CḡC,P°PSCr PjPµPrPsPeCΓPsPjC-P»PsPj C,P° PIP°CḡC,,P°CḡPēPSPsPj. PhP»PjPµCΓP°CḡC,P°PS PSPµP·PSP°C†PSPsCḡ PjC-CḡPsCḡ P·PIбґ™ CḡP·CḡC”C,CHCΓCḡ P· PeP»C-C,PēPSP°PjPē PeCḡPsPIC-. PŸPµCḡPµPrPSC-PNē PsP±бґ™ C”Pj CḡPsP·PīPsPrC-P»Cḡ PīC-CḡP»Cḡ PIPSCrC,CḡC-C€PSCHPsPIPµPSPSPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PSPµPIPēCḡPsPePēPNē (16–29 P»).

PḡPµC,P°P±PsP»C-P·Pj C,P° PIPēPIPµPrPµPSPSCḡ

P—P°PiP°P»CHBPSPēPNē PīP»P°P·PjPsPIPēPNē PeP»C-CḡPµPSCḡ PsP»PjPµCΓP°CḡC,P°PSCr P·P°P·PIPēC†P°PNē CḡC,P°PSPsPIPēC,CH 1,3 P»/PiPsPrPēPSCr (PePsPµC,,C-C†C-C”PSC,

PIP°C₇C-P°C†C-C— 19 %) C- PIC-PrPSPsC†PSPs PSP_μPIP_μP»PëPePëPN₀
PïPsC₇C-PIPSCLPSPs P· PïP_μC†C-PSPePsPIPëPj PeC₇PsPIPsC,PsPePsPj
(PïC₇PëP±P»PëP·PSPs 90 P»/PiPsPrPëPSC†).

P_μC-C†P»C† PsPrPSPsC₇P°P·PsPIPsPiPs PïP_μC₇PsC₇P°P»CHPSPsPiPs
P·P°C†C,PsC†C†PIP°PSPSC† PsP»PjP_μC†P°C₇C,P°PSC† PjP_μPrPsPeC†PsPjC-P»C†,
PjC-C†P_μPSPsPiPs C-P·PsC,PsPiPsPj ¹⁴PŸ, 10B₇“16 % C₇P°PrC-PsP°PeC,PëPIPSsC—
C₇P_μC†PsPIPëPSPë C†PïPsC†C,P_μC₇C-PiP°P»PsC†C† PI C†P_μC†C- (P±C-P»CHC€P°
C†P°C†C,PëPSP° PïC₇PsC,C†PiPsPj 24 PiPsPrPëPS PïC-C†P»C†
P·P°C†C,PsC†C†PIP°PSPSC†), P° C₇P_μC€C,P° C₇P°PrC-PsP°PeC,PëPIPSsC—
C₇P_μC†PsPIPëPSPë PIPëPIPsPrPëP»P°C†CH C-P· PeP°P»PsPj. PkP° PsC†PSPsPIC-
C†PëC†C,P_μPjPSPsC— PrPsC†C,C†PiPSPsC†C,C-, C%₀Ps C†PeP»P°PrP°C” 25,6 %,
PjPsP¶PSP° C₇PsP·C₇P°C...C†PIP°C,Pë, C%₀Ps P°P±C†PsC₇P±PsPIP°PSPëPN₀
PsP»PjP_μC†P°C₇C,P°PS PIPëPIPsPrPëC,CHC†C† C†Pe PSPëC₇PeP°PjPë (PïC₇PëP±P»PëP·PSPs
40 %), C,P°Pe C- PiP_μPiP°C,PsP±C-P»C-P°C₇PSPsC† C†PëC†C,P_μPjPsC† (PïC₇PëP±P»PëP·PSPs
60 %). PjC†C† PIPëC†PIP»P_μPSP° C₇P°PrC-PsP°PeC,PëPIPSsC-C†C,CH P±C†P»P°
C-PrP_μPSC,PëC,,C-PePsPIP°PSP° C†Pe PsP»PjP_μC†P°C₇C,P°PS. P†PSC€PëC...
P·PSP°C†C†C%₀PëC... PjP_μC,P°P±PsP»C-C,C-PI P·PSP°PN₀PrP_μPSPs PSP_μ P±C†P»Ps.
P_μPëC€PePsPIPs-PiP_μC†C-PSPePsPIP° C₇P_μC†PëC₇PeC†P»C†C†C-C† PsP»PjP_μC†P°C₇C,P°PSC†
PjC-PSC-PjP°P»CHPSP°. PhC†PeC-P»CHPePë P±C-P»CHC€P° C†P°C†C,PëPSP°
PsP»PjP_μC†P°C₇C,P°PSC† PIPëPIPsPrPëC,CHC†C† P· P¶PsPIC†C†, C,Ps PN₀PsPiPs
P·P°C†C,PsC†C†PIP°PSPSC† C...PIPsC₇PëPj C-P· P±C-P»C-P°C₇PSPsC†
PsP±C†C,C₇C†PeC†C-C”C† PïC₇PsC,PëPiPsPeP°P·P°PSPs (PrPëPI. C₇PsP·PrC-P»
B«P_μC₇PsC,PëPiPsPeP°P·P°PSPSC†B»).

PŸP_μC₇PjC-PSP°P»CHPSPëPN₀ PïP_μC₇C-PsPr PSP°PïC-PIPIPëPIP_μPrP_μPSPSC†
PsP»PjP_μC†P°C₇C,P°PSC† PïC-C†P»C† P±P°PiP°C,PsC₇P°P·PsPIPsPiPs
PïP_μC₇PsC₇P°P»CHPSPsPiPs P·P°C†C,PsC†C†PIP°PSPSC† PePsP»PëPIP°C”C,CHC†C†
PIC-Pr 10 PrPs 15 PiPsPrPëPS. PŸC,P°PS C₇C-PIPSsPIP°PiPë
PrPsC†C†PiP°C”C,CHC†C† PïC-C†P»C† PïP_μC₇C€PëC... PeC-P»CHPePsC... PrPsP·, P°
PïC-C†P»C† 14 PrC-P± P±P°PiP°C,PsC₇P°P·PsPIPsPiPs P·P°C†C,PsC†C†PIP°PSPSC†
PïPsPrP°P»CHC€PsC— PeC†PjC†P»C†C†C-C— PSP_μ
C†PïPsC†C,P_μC₇C-PiP°C”C,CHC†C†. PkPëC₇PePsPIPëPN₀ PeP»C-C₇P_μPSC†
C†C,P°PSPsPIPëPI PïC₇PëP±P»PëP·PSPs 0,5B₇“0,7 P»/PiPsPrPëPSC† C,P° PSP_μ
P·P°P»P_μP¶P°PI PIC-Pr PrPsP·Pë PïC₇P_μPiP°C₇P°C,C†.

P>C-PeP°C₇C†CHPeC- PIP·P°C”PjPsPrC-C—

P>C-PeP°C₇C†CHPePëPN₀ P·P°C†C-P± PePsP»P_μC†P_μPIP_μP»P°Pj, C%₀Ps P·PIB₇™ C†P·C†C”
P¶PsPIC†PSC- PePëC†P»PsC,Pë

PŸPïC-P»CHPSPëPN₀ PïC₇PëPN₀PsPj 40 PjPi PsP»PjP_μC†P°C₇C,P°PSC†
PjP_μPrPsPeC†PsPjC-P»C† C- 3750 PjPi PePsP»P_μC†P_μPIP_μP»P°PjC†
PiC-PrC₇PsC...P»PsC₇PëPrC† C† P·PrPsC₇PsPIPëC... PrPsP±C₇PsPIPsP»CHC†C-PI
PïC₇PëP·PIPsPrPëPI PrPs P·PSPëP¶P_μPSPSC† C_{max} PsP»PjP_μC†P°C₇C,P°PSC† PSP° 28 %
C- PrPs P·PSPëP¶P_μPSPSC† AUC PsP»PjP_μC†P°C₇C,P°PSC† PSP° 39 %. P_μP_μPSC€PëPN₀
PIPïP»PëPI, P·PSPëP¶P_μPSPSC† C_{max} C- AUC PSP° 4 % C- 15 % PIC-PrPïPsPIC-PrPSPs,
C†PïPsC†C,P_μC₇C-PiP°PIC†C†, PePsP»Pë PsP»PjP_μC†P°C₇C,P°PSC†
PjP_μPrPsPeC†PsPjC-P» PïC₇PëP·PSP°C†P°P»Pë P·P° 4 PiPsPrPëPSPë PrPs

PiC₇P₆PN₆PsPjCr PePsP»P_μCl⁺P_μPIP_μP»P°PjCr PiC-PrC₇PsC...P»PsC₇P₆PrCr. P§P°Cl⁺
PSP°PiC-PIPIP₆PIP_μPrP_μPSPSC₇ PsP»PjP_μCl⁺P°C₇C,P°PSCr P·PSP₆P₇CrPIP°PIC⁺Cl₇
PSP° 50B₇"52 % PSP_μP·P°P»P_μP₇PSPs PIC-Pr C,PsPiPs, PiC₇P₆P·PSP°C₇P°P»P₆Cl⁺Cl₇
PiC₇P_μPiP°C₇P°C,P₆ Cl⁺PiC-P»CH₇PSPs C₇P₆ PiC₇P₆PN₆PsPj PsP»PjP_μCl⁺P°C₇C,P°PSCr
PIC-PrP±CrPIP°PIC⁺Cl₇ P·P° 4 PiPsPrP₆PSP₆ PrPs PiC₇P₆PN₆PsPjCr
PePsP»P_μCl⁺P_μPIP_μP»P°PjCr PiC-PrC₇PsC...P»PsC₇P₆PrCr (PrP₆PI. C₇PsP·PrC-P»
B«P'P·P°C"PjPsPrC-Cl₇ P· C-PSC€P₆PjP₆ P»C-PeP°C₇Cl⁺CH₇PeP₆PjP₆ P·P°Cl⁺PsP±P°PjP₆
C,P° C-PSC€C- PIP₆PrP₆ PIP·P°C"PjPsPrC-PN₆B»).

$$P\hbar PjP\gg PsPrP\ddot{e}P\ddot{i}C-PS\ (PrC-C\hbar C\ddot{z}P^{\circ}\ C\hbar P\mu C\ddot{z}PsPIP\ddot{e}PSP^{\circ}\ P\ddot{y}P\mu PIC-PeP^{\circ}C\hbar C\acute{z})$$

P'ĆŦPjPsPeC,CŦPIP°PSPSCŦ C,P° CŦPsP·PŦPsPrC-P»

P_μC-ClP»C_μ P_iP_μC_μP_sC_μP°P»C_μPSPsP_iPs P·P°C_μC,PsC_μC_μPIP°PSPSC_μ C_μ
 C,P_μC_μP°P_iP_μPIC,PëC±PSPëC... PrPsP·P°C... P°PjP»PsPrPëP_iC-PS PrPsP±C_μP_μ
 PIC_μPjPsPeC,C_μC”C,C_μC_μC_μ C-P· PrPsC_μC_μPiPSP_μPSPSC_μPj P_iC-PePsPIPsC—
 PePsPSC±P_μPSC,C_μP°C±C-C— C_μ PeC_μPsPIC- C±P_μC_μP_μP· 6Б_μ”12 PiPsPrPëPS
 P_iC-ClP»C_μ P_iC_μPëPN_μPsPjC_μ. P_μP±C_μPsP»C_μC,PSP° P±C-PsPrPsC_μC,C_μP_iPSC-C_μC,C_μ
 C_μC,P°PSPsPIPëC,C_μ P_iC_μPëP±P»PëP·PSPs 64Б_μ”80 %. P_μP±Б_μ”C”Pj
 C_μPsP·PiPsPrC-P»C_μ C_μC,P°PSPsPIPëC,C_μ P_iC_μPëP±P»PëP·PSPs 21 P»/PePi.
 P”PsC_μP»C-PrP_μP_μPSPSC_μ *in vitro* P_iPsPeP°P·P°P»Pë, C%_μPs PjP°PN_μP_μ 97,5 %
 C±PëC_μPeC_μP»C_μC_μC±PsPiPs P°PjP»PsPrPëP_iC-PSC_μ P·PiБ_μ”C_μP·C_μC”C,C_μC_μC_μ P·
 P_iC_μPsC,P_μC—PSP°PjPë P_iP»P°P·PjPë.

$$\begin{aligned} &P_4C_7P_6P_8P_9P_{10}P_{11}C-P_1C-PSP^{\circ}P_1C_7P_8C_7P_9C_7P_1C_7P_9P_8P_9C,C_7P_1P^{\circ}PSPSC_7P_1P^{\circ}P_9P_8P_9P_6P_1C-PSC_7PSP_9P_1P_9P_8P_9P_1P^{\circ}C". \end{aligned}$$

РнРnC,P°P±PsP»C-P·Pj C,P° PIPëPIPuPгPµPSPSCU

PμPμCḡC–PsPr°PSP°PīC–PIPIPēPIPμPrPμPSPSCḡ P· PīP»P°P·PjPē PeCḡPSPIC–
 CḡP°P·PsPIPsC– PrPsP±PsPIPsC– PrPsP·Pē PePsP»PēPIP°C”C,ChCḡCḡ PIC–Pr 35 PrPs
 50 PiPsPrPēPS. PhPjP»PsPrPēPīC–PS P·PSP°C‡PSPsCḡ PjC–CḡPsCḡ
 PjPμC,P°P±PsP»C–P·CḡC”C,ChCḡCḡ Cḡ PīPμC‡C–PSC‡C– P· CḡC,PiPsCḡPμPSPSCḡPj
 PSPμP°PeC,PēPIPSPēC... PjPμC,P°P±PsP»C–C,C–PI. PμCḡPēP±P»PēP·PSPs 60 %
 PIPIPμPrPμPSPsC– PrPsP·Pē PIPIPμPrPēC,ChCḡCḡ P·C– CḡPμC‡PμCḡ,
 PīCḡPēP±P»PēP·PSPs 10 % P· CḡPePēC... CḡC,P°PSPsPIPēC,Ch P°PjP»PsPrPēPīC–PS Cḡ
 PSPμP·PjC–PSPμPSPsPjCḡ PIPIPμPj»CḡPrC–.

$P\hbar P \gg PjP\mu C\acute{r}P^{\circ}C\bar{h}C, P^{\circ}PSC\acute{r} \quad PjP\mu PrPsPeC\acute{r}PsPjC-P \gg \quad C, P^{\circ} \quad P^{\circ}PjP \gg PsPrP\ddot{e}P\ddot{i}C-PS$
 $(PrC-C\bar{h}C\ddagger C- \quad C\bar{h}P\mu C\ddagger PsPIP\ddot{e}PSC\acute{r} \quad P\check{Y}P\mu PIC-P\in P^{\circ}C\bar{h}C\acute{r})$

PhPeC₇PuPjC- PiC₇Cr'PiPë PiP°C+C-C''PSC,C-PI

P''C-C,Pë (PIC-PePsPj PrPs 18 CñPsPeC-PI)

$$\text{P}^{\circ}\text{P}^{\circ}\text{SPeC}\dots\text{PiCHPsC}_{\text{„}}\text{P}^{\circ}\text{CHPiP}^{\circ}\text{PePsPeC-PSPuC,PePeCr'}\text{Cr'}\text{PrC-C,PuPN}_{\text{0}}\text{PSPuPiP}^{\circ}\text{C}^{\circ}.$$

PuP°C†C-C''PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCž (PIC-PePsPj PIC-Pr 65 C†PSPeC-PI)

$$\begin{aligned} & \text{P}^{\circ}\text{PsPIP}_{\mu}\text{PrP}_{\mu}\text{PSPs}, \text{C}\%_{\circ}\text{Ps} \text{ P}\ddot{\text{C}}\text{T}_{\text{T}}\text{P}\ddot{\text{e}} \text{ P}^{\circ}\text{C}\text{T}_{\text{T}}\text{C}, \text{P}_{\mu}\text{C}\text{T}_{\text{T}}\text{C}-\text{P}^{\circ}\text{P}\rangle\text{CHbPSC}-\text{PN}_{\text{e}} \\ & \text{PiC}-\text{PiP}_{\mu}\text{C}\text{T}_{\text{T}}\text{C}, \text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}-\text{AUC} (\text{PiP}\rangle\text{PsC}\%_{\circ}\text{P}^{\circ} \text{ P}\ddot{\text{C}}-\text{Pr} \text{ P}_{\text{e}}\text{C}\text{T}_{\text{T}}\text{P}\ddot{\text{e}}\text{PIP}_{\text{S}}\text{C}\text{T}_{\text{T}} \end{aligned}$$

PμPsCḡCžC€PμPSPSCḡ C,,CžPSPeC†C-PMē PīPμC‡C-PSPePē

PḡC-ĆĠP»Cḡ PsPrPSPsCḡP°P·PsPIPsPiPs PīPμCḡPsCḡP°P»CHBPSPsPiPs
P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡ P·PSP°C‡PμPSPSCḡ AUC PsP»PjPμĆĠP°CḡC,P°PSC†
P±C†P»Pē PSP° 6 % C,P° PSP° 65 % PIPēC%PēPjPē C† C...PIPsCḡPēC... C-P·
PīPsCḡC†C€PμPSPSCḡPjPē C,,C†PSPeC†C-C— PīPμC‡C-PSPePē P»PμPiPePsPiPs P°P±Ps
PīPsPjC-CḡPSPsPiPs C†C,C†PīPμPSCḡ PIC-PrPīPsPIC-PrPSPs PīPsCḡC-PIPSCḡPSPs P·C-
P·PrPsCḡPsPIPēPjPē PrPsP±CḡPsPIPsP»CHC†CḡPjPē. PkPμP·PIBḡ™ CḡP·P°PSP°
C,,CḡP°PeC†C-Cḡ PsP»PjPμĆĠP°CḡC,P°PSC† C‡PμCḡPμP· 2 PiPsPrPēPSPē PīC-ĆĠP»Cḡ
P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡ C† P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI, C†
C...PIPsCḡPēC... P· P»PμPiPePēPj P°P±Ps PīPsPjC-CḡPSPēPj PīPsCḡC†C€PμPSPSCḡPj
C,,C†PSPeC†C-C— PīPμC‡C-PSPePē C†C,P°PSPsPIPēP»P° 0,26 %, 0,34 % C,P° 0,41 %
PIC-PrPīPsPIC-PrPSPs. PḡCḡPē P±P°PiP°C,PsCḡP°P·PsPIPsPjC†
P·P°ĆĠC,PsĆĠC†PIP°PSPSC- ĆĠPμCḡPμPrPSCḡ AUC PsP»PjPμĆĠP°CḡC,P°PSC† C†
C...PIPsCḡPēC... P· PīPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC‡C-PSPePē
ĆĠPμCḡPμPrPSCḡPsPiPs C†C,C†PīPμPSCḡ C,CḡP¶PePsĆĠC,C- P±C†P»P° PSP° 65 %
PIPēC%PsCḡ, PSC-P¶ C† P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI.
PŸPμCḡPμPrPSC” P·PSP°C‡PμPSPSCḡ PŸ_{max} PsP»PjPμĆĠP°CḡC,P°PSC† C†
C...PIPsCḡPēC... P· PīPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC‡C-PSPePē C,P°
P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI P±C†P»Pē PīPsPrC-P±PSC-.
PhP»PjPμĆĠP°CḡC,P°PSC† PjPμPrPsPeĆĠPsPjC-P» PSPμ PsC†C-PSCḡPIP°P»Pē C†
C...PIPsCḡPēC... P· C,CḡP¶PePēPj PīPsCḡC†C€PμPSPSCḡPj PīPμC‡C-PSPePē (PrPēPI.
CḡPsP·PrC-P»Pē B«PŸPīPsĆĠC-P± P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡ C,P° PrPsP·PēB»,
B«PhĆĠPsP±P»PēPIPsĆĠC,C- P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡB»).

P”PsĆĠC,C†PīPSC- P»PēC€Pμ PrC†P¶Pμ PsP±PjPμP¶PμPSC- PeP»C-PSC-C‡PSC-
PrP°PSC- ĆĠC,PsĆĠPsPIPsPs P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡ P°PjP»PsPrPēPīC-PSC†
C...PIPsCḡPēPj C-P· C,CḡP¶PePēPjPē PīPsCḡC†C€PμPSPSCḡPjPē C,,C†PSPeC†C-PMē
PīPμC‡C-PSPePē. Pj C...PIPsCḡPēC... P· PīPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C—
PīPμC‡C-PSPePē C†PīPsĆĠC,PμCḡC-PiP°C”C,CHC†Cḡ P·PSPēP¶PμPSPSCḡ
PeP»C-CḡPμPSC†C† P°PjP»PsPrPēPīC-PSC† C,P° PīPsPrPsPIP¶PμPSPSCḡ
PīPμCḡC-PsPrC† PSP°PīC-PIIPēPIPμPrPμPSPSCḡ, C%Ps PīCḡPēP·PIPsPrPēC,CH PrPs
P·P±C-P»CHC€PμPSPSCḡ AUC PīCḡPēP±P»PēP·PSPs PSP° 40Bḡ“60 % (PrPēPI.
CḡPsP·PrC-P»Pē B«PŸPīPsĆĠC-P± P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡ C,P° PrPsP·PēB»,
B«PhĆĠPsP±P»PēPIPsĆĠC,C- P·P°ĆĠC,PsĆĠC†PIP°PSPSCḡB»).

P”PsPeP»C-PSC-C‡PSC- PrP°PSC- P· P±PμP·PīPμPePē

P— PsPiP»CḡPrC† PSP° PrPsPeP»C-PSC-C‡PSPēPMē PīCḡPsC,,C-P»CH
C,PsPeĆĠPēC‡PSPsĆĠC,C- PePsP¶PSPsC— PrC-CHC‡PsC— CḡPμC‡PsPIPēPSPē
PīC-PrPIPēC%PμPSPSCḡ C,PsPeĆĠPēC‡PSPsĆĠC,C- PrP»Cḡ
PePsPjP±C-PSPsPIP°PSPsPiPs PīCḡPμPīP°CḡP°C,C† PSPμ PsC‡C-PeC†C”C,CHC†Cḡ,
PsĆĠPeC-P»CHPePē C†C- CḡPμC‡PsPIPēPSPē PIPīP»PēPIP°CHC,CH PSP° CḡC-P·PSC-
PsCḡPiP°PSPē: PsP»PjPμĆĠP°CḡC,P°PSC† PjPμPrPsPeĆĠPsPjC-P» PrC-C” PSP°
PSPēCḡPePē, P° P°PjP»PsPrPēPīC-PS – PSP° ĆĠPμCḡC†Pμ.

Pj 3-PjC-ĆĠCḡC‡PSPsPjC† PrPsĆĠP»C-PrP¶PμPSPSC- C,PsPeĆĠPēC‡PSPsĆĠC,C-
PePsPjP±C-PSPsPIP°PSPsPiPs PīCḡPμPīP°CḡP°C,C† PsP»PjPμĆĠP°CḡC,P°PSC†

PjPμPrPsPeCfPsPjC-P»Cf/ P°PjP»PsPrPëPïC-PSCf PSP° C%oCfCfP°C... PïCfPë
P±P°PiP°C,PsCfP°P·PsPIPsPjCf PïCfPëPN°PsPjC- PICfPμCfPμPrPëPSCf P±CfP»Pë
PIC-PrP·PSP°CfPμPSC- C,P°PeC- P·PjC-PSPë: P·PSPëP¶PμPSPSCf
PμCfPëC,CfPsCfPëC,P°CfPSPëC... PïP°CfP°PjPμC,CfC-PI C- P·PjC-PSPë PI
PSPëCfPeP°C... (PsP±PëPrPIP° C†C- PμC,,PμPeC,Pë PjPsP¶CfC,Ch P±CfC,Pë
PIPëPeP»PëPeP°PSC- PsP»PjPμCfP°CfC,P°PSCf PjPμPrPsPeCfPsPjC-P»PsPj), P·PjC-PSPë
PI PePëC€PμCfPSPëPeCf (P·P±C-P»ChC€PμPSPSCf PïCfPsCfPIC-C,Cf C-
PrPëC,,CfP·PSPμ PïPsC,PsPIC%oPμPSPSCf CfP»PëP·PsPIPsC— PsP±PsP»PsPSPëPë
PeP»CfP±PsPIPsC— C,P° PsP±PsPrPsPIPsC— PePëC€PePë), PSP°PrPSPëCfPePsPIPëC...
P·P°P»PsP· (PiC-PïPμCfC,CfPsC,,C-Cl PeP»C-C,PëPS PeP»CfP±PsCfPePsPIPsC—
P·PsPSPë PePsCfPë C- PIP°PeCfPsP»C-P·P°C†C-Cl PeP»C-C,PëPS PïCfCfPePsPIPsC—
P·PsPSPë), P° C,P°PePsP¶ PiC-PïPμCfC,CfPsC,,C-Cl PïCfPsC,PsPe PjPsP»PsCfPSPëC...
P·P°P»PsP·, ClPeP° PjPsP¶Pμ P±CfC,Pë PIPëPeP»PëPeP°PSP° P°PjP»PsPrPëPïC-PSPsPj.
P|C- P·PjC-PSPë PSPμ PrPsPïPsPIPsCfCfC,Ch CfP°PSC-C€Pμ PsC,CfPëPjP°PSC-
PrP°PSC- PïCfPs C,PsPeCfPëCfPSC-CfC,Ch PsPeCfPμPjPëC... PePsPjPïPsPSPμPSC,C-PI
PïCfPμPïP°CfP°C,Cf C- PSPμ CfPIC-PrCfP°C,Ch PïCfPs PïPsCfPICf PSPsPIPëC...
C,PsPeCfPëCfPSPëC... PμC,,PμPeC,C-PI P°P±Ps PïCfPs PSP°ClPIPsC-CfC,Ch
CfPëPSPμCfPiC-CfPSPsC— C,PsPeCfPëCfPSPsCfC,C-.

*PħP»PjPμCfP°CfC,P°PSCž PjPμPrPsPeCfPsPjC-P» (PrC-ChCfP° CfPμCfPsPIPëPSP°
PŸPμPIC-PeP°CfCž)*

PJ PrPsCfP»C-PrP¶PμPSPSCfC... C...CfPsPSC-CfPSPsC— C,PsPeCfPëCfPSPsCfC,C-
PSP° C%oCfCfP°C... C- CfPsP±P°PeP°C... PμC,,PμPeC,Pë PsP»PjPμCfP°CfC,P°PSCf
PjPμPrPsPeCfPsPjC-P»Cf P±CfP»Pë CfC...PsP¶C- P· C,P°PePëPjPë C-PSC€PëC...
P°PSC,P°PiPsPSC-CfC,C-PI CfPμCfPμPïC,PsCfC-PI AT₁ C,P° C-PSPiC-P±C-C,PsCfC-PI
PħPμPα: PïC-PrPIPëC%oPμPSPSCf CfC-PIPsCf CfPμCfPsPIPëPSPë (BUN) C-
PeCfPμP°C,PëPSC-PSCf PI PeCfPsPIC-, P·PSPëP¶PμPSPSCf PjP°CfPë CfPμCfCfCfC,
P·PSPëP¶PμPSPSCf PμCfPëC,CfPsCfPëC,P°CfPSPëC... PïP°CfP°PjPμC,CfC-PI
(PePsPSCfPμPSC,CfP°C†C-Cl PμCfPëC,CfPsCfPëC,C-PI C- PiPμPjPsPiP»PsP±C-PSCf,
PiPμPjP°C,PsPeCfPëC,), PiC-CfC,PsP»PsPiC-CfPSC- PsP·PSP°PePë CfCfP°P¶PμPSPSCf
PSPëCfPsPe (CfPμPiPμPSPμCfP°C,PëPIPsC- CfCfP°P¶PμPSPSCf PSPëCfPePsPIPsPiPs
PμPiC-C,PμP»C-Cf, PïPsC,PsPIC%oPμPSPSCf P±P°P·P°P»ChPSPsC—
PjPμPjP±CfP°PSPë, CfPsP·C€PëCfPμPSPSCf PeP°PSP°P»ChC†C-PI). P|C-
PïPsP±C-CfPSC- CfPμP°PeC†C-C—, CfPïCfPëCfPëPSPμPSC-
C,,P°CfPjP°PePsP»PsPiC-CfPSPsCf PrC-C''Cf PsP»PjPμCfP°CfC,P°PSCf
PjPμPrPsPeCfPsPjC-P»Cf, CfPïPsCfC,PμCfC-PiP°P»PëCfCfC C,P°PePsP¶ Cf
PrPsPeP»C-PSC-CfPSPëC... PrPsCfP»C-PrP¶PμPSPSCfC... P· C-PSC€PëPjPë
P°PSC,P°PiPsPSC-CfC,P°PjPë CfPμCfPμPïC,PsCfP° AT₁ C,P° C-PSPiC-P±C-C,PsCfP°PjPë
PħPμPα C- PjPsP¶CfC,Ch P±CfC,Pë P·PjPμPSC€PμPSC- C€P»ClC...PsPj
PïPμCfPsCfP°P»ChPSPsPiPs PïCfPëPN°PsPjCf PSP°C,CfC-Cf C...P»PsCfPëPrCf. PJ
PsP±PsC... PIPëPrC-PI C,PIP°CfPëPS CfPïPsCfC,PμCfC-PiP°P»Pë PïC-PrPIPëC%oPμPSCf
P°PeC,PëPIPsC-CfC,Ch CfPμPSC-PSCf PI PïP»P°P·PjC- C,P°
PiC-PïPμCfC,CfPsC,,C-Cf/PiC-PïPμCfPiP»P°P·C-Cf
CfPeCfC,P°PiP»PsPjPμCfCfP»ClCfPSPëC... PeP»C-C,PëPS PSPëCfPsPe. P|C-
P·PjC-PSPë, ClPeC- C'' C,PëPïPsPIPëPj PμC,,PμPeC,PsPj PeP»P°CfCf
C-PSPiC-P±C-C,PsCfC-PI PħPμPα C,P° C-PSC€PëC... P°PSC,P°PiPsPSC-CfC,C-PI

C₇H₁₂PM₂C⁺PM₂PiC,PsC₇H₁₂P° AT₁, PN₂PjPsPIC-C₇H₁₂PSPs, PSP₁₂ PjP°C₇H₁₂,CH₃ PeP»C-PSC-C₇H₁₂PSPsC—
P·PSP°C₇H₁₂C%PsC₇H₁₂C,C-.

P₁₂PsPrC-P₁₂PSPs PrPs C-PSC€P₁₂C... P°PSC,P°PiPsPSC-C₇H₁₂C,C-PI C₇H₁₂PM₂C⁺PM₂PiC,PsC₇H₁₂P°
AT₁, PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P» P·P₁₂C-P»CH₃C€C₇H₁₂C”
C₇H₁₂P°C₇H₁₂C,PsC,C₇ C...C₇H₁₂PsPjPsC₇H₁₂PsPjPSP€C... C₇H₁₂PsP·C₇H₁₂P₁₂PIC-PI C₇ PeC₇H₁₂P»CH₃C,C₇H₁₂C-
PeP»C-C,P₁₂PS *in vitro*. PhPrPSP°Pe PiPsPrC-P₁₂PSC- P₁₂C,,P₁₂PeC,P₁₂ P₁₂C₇H₁₂P»P₁₂
PIC-PrC,PIPsC₇H₁₂PM₂PSC- C₇ PeC-P»CH₃PePsC... PrPsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C... *in vivo*,
PrP₁₂ PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P» P·P°C₇H₁₂C,PsC₇H₁₂PsPIC₇PIP°P»P₁₂ PI
PrC₇H₁₂P¶P₁₂ PIP€C₇H₁₂PsPeP₁₂C... PiP₁₂C₇H₁₂PsC₇H₁₂P°P»CH₃PSP€C... PrPsP·P°C..., P°P¶ PrPs
2000 PjPi/PePi. P—P°PiP°P»PsPj C₇H₁₂PM₂·C₇H₁₂P»CH₃C,P°C,P₁₂ PIC₇H₁₂PM₂C-P-C₇H₁₂PSPsPiPs
PrPsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C PSP° PiP₁₂PSPsC,PsPeC₇H₁₂P€C₇H₁₂PSC-C₇H₁₂C,CH₃
PiPsPIPsC₇H₁₂C,CH₃ PiC₇H₁₂Ps C,P₁₂, C%Ps PiP₁₂PSPsC,PsPeC₇H₁₂P€C₇H₁₂PSP° PrC-C¶
PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PiC₇H₁₂P₁₂ PeP»C-PSC-C₇H₁₂PSPsPjC₇ P·P°C₇H₁₂C,PsC₇H₁₂C₇PIP°PSPSC-
PjP°P»PsPN₂PjPsPIC-C₇H₁₂PSP°.

P' C₇H₁₂P°PjPeP°C... 2-C₇H₁₂C-C₇H₁₂PSPsPiPs PrPsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C PSP° C%CrC₇H₁₂P°C...
P°P₁₂Ps 6-PjC-C₇H₁₂C₇H₁₂PSPsPiPs PrPsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C
PeP°PSC₇H₁₂PM₂PM₂PSPSPsC₇H₁₂C- PSP° C,C₇H₁₂P°PSC₇H₁₂PM₂PSPSP€C... PjP€C€P°C... PSP₁₂
P₁₂C₇H₁₂P»Ps PIP€C₇H₁₂PIP»P₁₂PSPs PeP°PSC₇H₁₂PM₂PM₂PSPSP€C...
PIP»P°C₇H₁₂C,P₁₂PIPsC₇H₁₂C,P₁₂PN₂ PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P»C₇H₁₂.

Pj PrPsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C... C,PsPeC₇H₁₂P€C₇H₁₂PSPsC₇H₁₂C- C%PsPrPs
C₇H₁₂PM₂PiC₇H₁₂PsPrC₇H₁₂PeC,P₁₂PIPSP€C... PsC₇H₁₂PIP°PSC-PI C₇ C%CrC₇H₁₂C-PI
PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P» PSP₁₂ PIP₁₂P»P₁₂PIP°PI PSP°
C,,P₁₂C₇H₁₂C,P₁₂P»CH₃PSC-C₇H₁₂C,CH₃ C- PSP₁₂ C₇H₁₂PSP€PI C,P₁₂C₇H₁₂P°C,PsPiP₁₂PSPSPsC—
PrC-C—. P₁₂Pe C- C₇ C₇H₁₂P°P·C- P·P°C₇H₁₂C,PsC₇H₁₂C₇PIP°PSPSC¶C C-PSC€P₁₂C...
P°PSC,P°PiPsPSC-C₇H₁₂C,C-PI C₇H₁₂PM₂C⁺PM₂PiC,PsC₇H₁₂C-PI P°PSPiC-PsC,P₁₂PSP·P₁₂PePSC₇ II,
PiC-C₇H₁₂P»C¶ P₁₂PeC₇H₁₂PiPsP·P₁₂C₇H₁₂C— PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P»C₇H₁₂
PjP₁₂PrPsPeC₇H₁₂PsPjC-P»C₇H₁₂ PIP€P¶P₁₂PIP°PSPSC¶C PiPsC,PsPjC₇H₁₂C,PIP° P₁₂C₇H₁₂P»P°
P·PSP€P¶P₁₂PSP°, P° C₇ C₇H₁₂P°PjPsPe, C¶PeC- PsC,C₇H₁₂P₁₂PjC₇H₁₂PIP°P»P₁₂ PiC₇H₁₂PM₂PIP°C₇H₁₂P°C,
PSP° PiC-P·PSC-C... C,P₁₂C₇H₁₂PjC-PSP°C... PIP°PiC-C,PSPsC₇H₁₂C- C- PiC-Pr C₇H₁₂P°C₇H₁₂
P»P°PeC,P°C₇H₁₂C—, PIC-PrP·PSP°C₇H₁₂P°P»P°C₇H₁₂C¶ PrP₁₂P»P°C,P°C₇H₁₂C-¶
PSP€C₇H₁₂PePsPIP€C... PjP€C₇H₁₂PsPe. P₁₂Pe C- C-PSC€C- PiC-PiPsC,P₁₂PSP·P₁₂PIPSC-
PiC₇H₁₂PM₂PIP°C₇H₁₂P°C,P₁₂, PsP»PjP₁₂PM₂C₇H₁₂P°PSC₇ PjP₁₂PrPsPeC₇H₁₂PsPjC-P» P₁₂C₇H₁₂PI
P₁₂C-P»CH₃C€ C,PsPeC₇H₁₂P€C₇H₁₂PSP€PN₂ PrP»C¶ PIP°PiC-C,PSP€C... PeC₇H₁₂PsP»C-PI, PSC-P¶
PrP»C¶ PIP°PiC-C,PSP€C... C%CrC₇H₁₂C-PI, PiC₇H₁₂PsC,P₁₂ PSP₁₂ C₇H₁₂PSP€PI PiC₇H₁₂P₁₂
C₇H₁₂PsPjC₇ C,,P₁₂C,PsC,PsPeC₇H₁₂P€C₇H₁₂PSPsC— PrC-C—.

PhPjP»PsPrP₁₂PiC-PS (PrC-C₇H₁₂C₇H₁₂P° C₇H₁₂PM₂C₇H₁₂PsPIP€PSP° P₁₂PM₂PIC-PeP°C₇H₁₂C)

P P₁₂PiC₇H₁₂PsPrC₇H₁₂PeC,P₁₂PIPSP° C,PsPeC₇H₁₂P€C₇H₁₂PSC-C₇H₁₂C,CH₃

P”PsC₇H₁₂P»C-PrP¶P₁₂PSPSC¶C C₇H₁₂PM₂PiC₇H₁₂PsPrC₇H₁₂PeC,P₁₂PIPSPsC— C,,C₇H₁₂PSPeC₇H₁₂C— PSP°
C%CrC₇H₁₂P°C... C- PjP€C€P°C... PIP€C₇H₁₂PIP€P»P₁₂ P·P°C,C₇H₁₂P₁₂PjPeC₇H₁₂ PSP°C₇H₁₂C,P°PSPSC¶C
PiPsP»PsPiC-PI, P·P₁₂C-P»CH₃C€P₁₂PSPSC¶C C₇H₁₂P°C₇H₁₂ PiP₁₂C₇H₁₂PM₂PN₂PjC-PI C-
P·PjP₁₂PSC€P₁₂PSPSC¶C PIP€P¶P₁₂PIP°PSPSC¶C PiPsC,PsPjC₇H₁₂C,PIP° PiC₇H₁₂P₁₂
PiC₇H₁₂P₁₂PN₂PsPjC- PrPsP·, PiC₇H₁₂P₁₂P±P»P₁₂·PSPs PI 50 C₇H₁₂P°P·C-PI P₁₂C-P»CH₃C€P₁₂C...,

PSC-P¶ PjP°PeCΓPëPjP°P»CHßPSP° CḡPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PrP»Cḡ
P»CḡPrPëPSPë, CḡPeP° T'CḡCrPSC,CrC"C,CHCΓCḡ PSP° CḡPsP·CḡP°C...CrPSPeCr
PSP° 1 PePi PjP°CΓPë C,C-P»P° (PjPi/PePi).

PµPsCḡCrCëPµPSPSCḡ C,,PµCḡC,PëP»CHßPSPsCΓC,C-

P'PiP»PëPICr PSP° C,,PµCḡC,PëP»CHßPSC-CΓC,CH Cr C%CrCḡC-PI, CḡPeC-
PsC,CḡPëPjCrPIP°P»Pë P°PjP»PsPrPëPiC-PS (CΓP°PjC†C- PiCḡPsC,CḡPiPsPj 64 PrPSC-PI,
CΓP°PjPePë P·P° 14 PrPSC-PI PrPs CΓP°P°CḡCḡHIP°PSPSCḡ) PI PrPsP·P°C... PrPs
10 PjPi/ PePi/ PrPsP±Cr (Cr 8 CḡP°P·C-PI (CḡPeC%Ps PjP°CΓP° C,C-P»P°
PiP°C†C-C"PSC,P° PrPsCḡC-PIPSCḡC" 50 PePi) PiPµCḡPµPIPëC%CrC"
PjP°PeCΓPëPjP°P»CHßPSCr CḡPµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cr PrP»Cḡ
P»CḡPrPëPSPë, C%Ps CΓC,P°PSPsPIPëC,CH 10 PjPi PI PiPµCḡPµCḡP°C...CrPSPeCr PSP°
PjPi/Pj²), PIPëCḡPIP»PµPSPs PSPµ P±CrP»Ps. P' C...PsPrC- C-PSCëPsPiPs
PrPsCΓP»C-PrP¶PµPSPSCḡ, PI CḡPePsPjCr CΓP°PjC†C- C%CrCḡC-PI
PsC,CḡPëPjCrPIP°P»Pë P°PjP»PsPrPëPiC-PSCr P±PµCΓPëP»P°C, PiCḡPsC,CḡPiPsPj 30
PrPSC-PI Cr PrPsP·P°C..., PiPsCḡC-PIPSCḡPSPSPëC... P· PrPsP·PsCḡ PrP»Cḡ
P»CḡPrPëPSPë PI PiPµCḡPµCḡP°C...CrPSPeCr PSP° PjPi/Pj², P±CrP»Ps
PIC-PrP·PSP°C†PµPSPs P·PSPëP¶PµPSPSCḡ PePsPSC†PµPSC,CḡP°C†C-PNë
C,,PsP»C-PeCrP»PsCΓC,PëPjCrP»CḡCḡC†PsPiPs PiPsCḡPjPsPSCr C-
C,PµCΓC,PsCΓC,PµCḡPsPSCr PI PiP»P°P·PjC-, P° C,P°PePsP¶ P·PSPëP¶PµPSPSCḡ
C%C-P»CHßPSPsCΓC,C- CΓPiPµCḡPjPë, P·PjPµPSCëPµPSPSCḡ PeC-P»CHßPePsCΓC,C-
P·CḡC-P»PëC... CΓPiPµCḡPjP°C,PëPr C- PeP»C-C,PëPS PŸPµCḡC,PsP»C-.

PḡP°PSC†PµCḡPsPiPµPSPµP·, PjCrC,P°PiPµPSPµP·

P'PëPiCḡPsP±CrPIP°PSPSCḡ PSP° C%CrCḡP°C... C- PjPëCëP°C..., CḡPeC-
PsC,CḡPëPjCrPIP°P»Pë P°PjP»PsPrPëPiC-PS P· C—P¶PµCḡ PiCḡPsC,CḡPiPsPj PrPIPsC...
CḡPsPeC-PI Cr PePsPSC†PµPSC,CḡP°C†C-CḡC..., CḡPsP·CḡP°C...PsPIP°PSPëC... PrP»Cḡ
PIC-PrC,PIPsCḡPµPSPSCḡ PrPsP· 0,5, 1,25 C- 2,5 PjPi/PePi/PrPsP±Cr, PSPµ
PIPëCḡPIPëP»Pë PsP·PSP°Pe PeP°PSC†PµCḡPsPiPµPSPSPsCΓC,C-. PkP°PNëPIPëC%P°
PrPsP·P° (PrP»Cḡ PjPëCëPµPNë PµPePIC-PIP°P»PµPSC,PSP°
PjP°PeCΓPëPjP°P»CHßPSC-PNë CḡPµPePsPjPµPSPPrPsPIP°PSC-PNë PrPsP·C- 10 PjPi PI
PiPµCḡPµCḡP°C...CrPSPeCr PSP° PjPi/Pj², P° PrP»Cḡ C%CrCḡC-PI — PI PrPIP° CḡP°P·Pë
PIPëC%Pµ PjP°PeCΓPëPjP°P»CHßPSPsC— CḡPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë)
P±CrP»P° P±P»PëP·CHßPeP° PrPs PjP°PeCΓPëPjP°P»CHßPSPsC—
PiPµCḡPµPSPsCΓPëPjPsC— PrPsP·Pë PrP»Cḡ PjPëCëPµPNë, P°P»Pµ PSPµ PrP»Cḡ
C%CrCḡC-PI.

P"PsCΓP»C-PrP¶PµPSPSCḡ PjCrC,P°PiPµPSPSPsCΓC,C- PSPµ PIPëCḡPIPëP»Pë
PiPsPiBḡ™ CḡP·P°PSPëC... P· PiCḡPµPiP°CḡP°C,PsPj PµC,,PµPeC,C-PI PSP° CḡC-PIPSC-
PiPµPSC-PI P°P±Ps C...CḡPsPjPsCΓPsPj.

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

PµPsPeP°P·P°PSPSCḡ.

$P \rightarrow C - PeCfPIP^{\circ}PSPSC \downarrow P_{\mu}CfP_{\mu}PSC \uparrow C - P^{\circ}P \gg CHBPSPsC - PiC - PiP_{\mu}CHC, P_{\mu}PSP \cdot C - C -$.

$P\check{Y}P_{\mu}PIC - PeP^{\circ}C\check{H} PiPsPeP^{\circ}P \cdot P^{\circ}PSP\check{e}PN_{\check{e}} PrPsC\check{H}PsCfP \gg P\check{e}Pj PiP^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj, C\acute{r} C \downarrow PeP\check{e}C... PjPsPSPsC, P_{\mu}C\check{H}P^{\circ}PiC - C \downarrow PsP \gg PjP_{\mu}CfP^{\circ}C\check{H}C, P^{\circ}PSC\acute{r} PjP_{\mu}PrPsPeCfPsPjC - P \gg PsPj P^{\circ}P \pm Ps P^{\circ}PjP \gg PsPrP\check{e}PiC - PSPsPj PSP_{\mu} P \cdot P^{\circ}P \pm P_{\mu}P \cdot PiP_{\mu}C \uparrow C\acute{r}C'' PSP_{\mu}PsP \pm C...C - PrPSPsPiPs PePsPSC, C\check{H}PsP \gg C\check{H} P^{\circ}C\check{H}C, P_{\mu}C\check{H}C - P^{\circ}P \gg CHBPSPsPiPs C, P\check{e}CfPeC\acute{r} (PrP\check{e}PI. C\check{H}PsP \cdot PrC - P \gg P\check{e} B \langle P\check{Y}PiPsCfC - P \pm P \cdot P^{\circ}CfC, PsCfC\acute{r}PIP^{\circ}PSPSC \downarrow C, P^{\circ} PrPsP \cdot P\check{e}B \rangle, B \langle P\alpha P^{\circ}C\check{H}PjP^{\circ}PePsPrP\check{e}PSP^{\circ}PjC - PeP^{\circ}B \rangle).$

$P_{\mu}C\check{H}PsC, P\check{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSPSC \downarrow$.

$P_{\mu}C - PrPIP\check{e}C \% P_{\mu}PSP^{\circ} C \uparrow C\acute{r}C, P \gg P\check{e}PIC - CfC, CH PrPs PrC - CHC \uparrow P\check{e}C... C\check{H}P_{\mu}C \uparrow PsPIP\check{e}PS, PiPsC...C - PrPSP\check{e}C... PrP\check{e}PiC - PrC\check{H}PsPiC - C\check{H}P\check{e}PrP\check{e}PSC\acute{r} P^{\circ}P \pm Ps P \pm C\acute{r}PrCH - C \downarrow PePsC - P \cdot PrPsPiPsPjC - P \nparallel PSP\check{e}C... C\check{H}P_{\mu}C \uparrow PsPIP\check{e}PS (PrP\check{e}PI. C\check{H}PsP \cdot PrC - P \gg B \langle P\check{Y}PeP \gg P^{\circ}PrB \rangle).$

– $P^{\circ}P^{\circ}PiC - C, PSC - CfC, CH C, P^{\circ} PiP \gg P^{\circ}PSC\acute{r}PIP^{\circ}PSPSC \downarrow PIP^{\circ}PiC - C, PSPsCfC, C - (PrP\check{e}PI. C\check{H}PsP \cdot PrC - P \gg P\check{e} B \langle PhCfPsP \pm P \gg P\check{e}PIPsCfC, C - P \cdot P^{\circ}CfC, PsCfC\acute{r}PIP^{\circ}PSPSC \downarrow B \rangle, B \langle P - P^{\circ}CfC, PsCfC\acute{r}PIP^{\circ}PSPSC \downarrow C\acute{r} PiP_{\mu}C\check{H}C - PsPr PIP^{\circ}PiC - C, PSPsCfC, C - P^{\circ}P \pm Ps PiPsPrC\acute{r}PIP^{\circ}PSPSC \downarrow PiC\check{H}C\acute{r}PrPrCHB \rangle).$

– $P\check{Y}C \downarrow P \nparallel PeP^{\circ} PiP_{\mu}C \uparrow C - PSPEsPIP^{\circ} PSP_{\mu}PrPsCfC, P^{\circ}C, PSC - CfC, CH C, P^{\circ} PSP_{\mu}PiC\check{H}PsC...C - PrPSC - CfC, CH P \nparallel PsPIC \uparrow PSP\check{e}C... C\epsilon P \gg C \downarrow C...C - PI (PrP\check{e}PI. C\check{H}PsP \cdot PrC - P \gg B \langle P\alpha P^{\circ}C\check{H}PjP^{\circ}PePsPeC - PSP_{\mu}C, P\check{e}PeP^{\circ}B \rangle).$

– $PhPrPSPsC \uparrow P^{\circ}CfPSP_{\mu} P \cdot P^{\circ}CfC, PsCfC\acute{r}PIP^{\circ}PSPSC \downarrow PiC\check{H}P_{\mu}PiP^{\circ}C\check{H}P^{\circ}C, C\acute{r} P\check{Y}P_{\mu}PIC - PeP^{\circ}C\check{H} C, P^{\circ} P \gg C - PeP^{\circ}C\check{H}CfCHPeP\check{e}C... P \cdot P^{\circ}CfPsP \pm C - PI, C \% Ps PjC - CfC, C \downarrow C, CH P^{\circ}P \gg C - CfPeC - C\check{H}P_{\mu}PS, PiC\check{H}PsC, P\check{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSP_{\mu} PiP^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj P \cdot C \uparrow C\acute{r}PeC\check{H}PsPIP\check{e}Pj PrC - P^{\circ}P \pm P_{\mu}C, PsPj P^{\circ}P \pm Ps PiPsC\check{H}C\acute{r}C\epsilon P_{\mu}PSPSC \downarrow Pj C, C\acute{r}PSPeC \uparrow C - C - PSP\check{e}C\check{H}PsPe (P\check{E}P_{\check{L}}P\alpha < 60 PjP \gg /C...PI/1,73 Pj^2) (PrP\check{e}PI. C\check{H}PsP \cdot PrC - P \gg P\check{e} B \langle P'P \cdot P^{\circ}C''PjPsPrC - C \downarrow P \cdot C - PSC\epsilon P\check{e}PjP\check{e} P \gg C - PeP^{\circ}C\check{H}CfCHPeP\check{e}PjP\check{e} P \cdot P^{\circ}CfPsP \pm P^{\circ}PjP\check{e} C, P^{\circ} C - PSC\epsilon C - PIP\check{e}PrP\check{e} PIP \cdot P^{\circ}C''PjPsPrC - PN_{\check{e}}B \rangle, B \langle P\alpha P^{\circ}C\check{H}PjP^{\circ}PePsPrP\check{e}PSP^{\circ}PjC - PeP^{\circ}B \rangle).$

$P\check{S}P_{\mu}C\check{H}P_{\mu}P \cdot PSP^{\circ}C \downarrow PIPSC - CfC, CH C\acute{r} CfPeP \gg P^{\circ}PrC - P^{\circ}PjP \gg PsPrP\check{e}PiC - PSC\acute{r} PiC\check{H}P_{\mu}PiP^{\circ}C\check{H}P^{\circ}C, P\check{Y}P_{\mu}PIC - PeP^{\circ}C\check{H} C, P^{\circ}PePsP \nparallel PiC\check{H}PsC, P\check{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSP\check{e}PN_{\check{e}} PiP^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj, C\acute{r} C \downarrow PeP\check{e}C...:$

– $C, C \downarrow P \nparallel PeP^{\circ} P^{\circ}C\check{H}C, P_{\mu}C\check{H}C - P^{\circ}P \gg CHBPSP^{\circ} PiC - PiPsC, P_{\mu}PSP \cdot C - C \downarrow$;

– $C\epsilon PsPe (PIPeP \gg CHC \uparrow P^{\circ}CHC \uparrow P\check{e} PeP^{\circ}C\check{H}PrC - PsPiP_{\mu}PSPSP\check{e}PN_{\check{e}} C\epsilon PsPe);$

– $PiPsC\check{H}C\acute{r}C\epsilon P_{\mu}PSPSC \downarrow PIC - PrC, PsPeC\acute{r} PeC\check{H}PsPIC - C - P \cdot P \gg C - PIPsPiPs C\epsilon P \gg C\acute{r}PSPsC \uparrow PeP^{\circ} (PSP^{\circ}PiC\check{H}P\check{e}PeP \gg P^{\circ}Pr, PiC\check{H}P\check{e} CfC, P_{\mu}PSPsP \cdot C - P^{\circ}PsC\check{H}C, P\check{e} C, C \downarrow P \nparallel PePsPiPs CfC, C\acute{r}PiP_{\mu}PSC \downarrow);$

– $PiP_{\mu}PjPsPrP\check{e}PSP^{\circ}PjC - C \uparrow PSPs PSP_{\mu}CfC, P^{\circ}P \pm C - P \gg CHBPSP^{\circ} CfP_{\mu}C\check{H}C \uparrow P_{\mu}PIP^{\circ} PSP_{\mu}PrPsCfC, P^{\circ}C, PSC - CfC, CH PiC - CfP \gg C \downarrow PiPsCfC, C\check{H}PsPiPs C - PSC, P^{\circ}C\check{H}PeC, C\acute{r} PjC - PsPeP^{\circ}C\check{H}PrP^{\circ}.$

P'P·P°C''PjPsPrC-Cl P·C-PSC€PëPjPë P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P°C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PN.

PμPsC,PμPSC†C-PN̄PSC- PIP·P°C''PjPsPrC-C—, PIPëPeP»PëPeP°PSC- PīPsC''PrPSP°PSPSClPj P·P»C-PeP°CĤCÍCHPePëPj P·P°CÍPsP±PsPj PŸPμPIC-PeP°CĤ

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

P†PSC€C- PīC-PīPsC,PμPSP·PëPIPSC- P·P°CÍPsP±Pë

P''C-PīPsC,PμPSP·PëPIPSPëPN̄ PμC,,PμPeC, PīCĤPμPīP°CĤP°C,CÍ PŸPμPIC-PeP°CĤ PjPsP¶Pμ P±CÍC,Pë PīPsCÍPëP»PμPSPëPN̄ PīCĤPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC-C-PSC€PëC... PīC-PīPsC,PμPSP·PëPIPSPëC... P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI (PSP°PīCĤPëPeP»P°Pr P°P»CHC,,P°-P±P»PsPeP°C,PsCĤC-PI, PrC-CÍCĤPμC,PëPeC-PI).

PμPsC,PμPSC†C-PN̄PSC- PIP·P°C''PjPsPrC-C—, PīPsPIēĤ™ ClIP·P°PSC- P·PrC-CHC±PsCH CĤPμC±PsPIPëPSPsCH PīCĤPμPīP°CĤP°C,Cž PŸPμPIC-PeP°CĤ PsP»PjPμCÍP°CĤC,P°PSCž PjPμPrPsPeCÍPsPjC-P»PsPj

PŸCÍPīCÍC,PSC'' P·P°CÍC,PsCÍCÍPIP°PSPSCl PSPμ CĤPμPePsPjPμPSPrCÍC''C,CHCÍCl

P†PSPiC-P±C-C,PsCĤPë PĥPμPα, P±P»PsPeP°C,PsCĤPë CĤPμC†PμPīC,PsCĤC-PI P°PSPiC-PsC,PμPSP·PëPSCÍ P†P† P°P±Ps P°P»C-CÍPeC-CĤPμPS

P''P°PSC- PeP»C-PSC-C±PSPëC... PIPëPīCĤPsP±CÍPIP°PSCĤ PīPsPeP°P·CÍCHC,CH, C%Ps PīPsPrPIC-PN̄PSP° P±P»PsPeP°PrP° CĤPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS-P°P»CHPrPsCÍC,PμCĤPsPSPsPIPsC— CÍPëCÍC,PμPjPë (P PĥPĥPŸ), PīPsPIēĤ™ ClIP·P°PSP° P·C- CÍPīC-P»CHPSPëPj P·P°CÍC,PsCÍCÍPIP°PSPSClPj C-PSPiC-P±C-C,PsCĤC-PI PĥPμPα C,P° P±P»PsPeP°C,PsCĤC-PI CĤPμC†PμPīC,PsCĤC-PI P°PSPiC-PsC,PμPSP·PëPSCÍ II P°P±Ps P°P»C-CÍPeC-CĤPμPSCÍ, PīCĤPëP·PIPsPrPëC,CH PrPs PīC-PrPIPëC%PμPSPSCl C±P°CÍC,PsC,Pë PSPμP±P°P¶P°PSPëC... ClPIPëC%, C,P°PePëC... ClPe P°CĤC,PμCĤC-P°P»CHPSP° PīC-PīPsC,PμPSP·C-Cl, PīC-PīPμCĤPeP°P»C-C''PjC-Cl C- P·PSPëP¶PμPSPSCl C,,CÍPSPeC†C-C— PSPëCĤPsPe (PI C,PsPjCÍ C±PëCÍP»C- PīPsCÍC,CĤP° PSPëCĤPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH), PI PīPsCĤC-PIPSClPSPSC- C-P· P·P°CÍC,PsCÍCÍPIP°PSPSClPj PsPrPSPsPīPs P·P°CÍPsP±CÍ, ClPePëPN̄ PrC-C'' PSP° P PĥPĥPŸ (PrPëPI. CĤPsP·PrC-P»Pë B«PμCĤPsC,PëPīPsPeP°P·P°PSPSClB», B«PĥCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSClB», B«PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°B»).

PμCĤPμPīP°CĤP°C,Pë, C%Ps PIPīP»PëPIP°CHC,CH PSP° CĤC-PIPμPSCĤ PeP°P»C-CH

PĥPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCl P·PeP°P»C-PN̄P·P±PμCĤC-PīP°CHC±PëPjPë PrC-CÍCĤPμC,PëPeP°PjPë, PeP°P»C-C''PIPëPjPë PrPsP±P°PIPeP°PjPë, P·P°PjC-PSPSPëPeP°PjPë CÍPsP»C-, C%Ps PjC-CÍC,ClC,CH PeP°P»C-PN̄, P°P±Ps C-PSC€PëPjPë P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, ClPeC- PjPsP¶CÍC,CH PīC-PrPIPëC%PëC,Pë CĤC-PIPμPSCĤ PeP°P»C-CH (PSP°PīCĤPëPeP»P°Pr, PīPμPīP°CĤPëPS, C-PSPiC-P±C-C,PsCĤPë PĥPμPα), PjPsP¶Pμ

ΠῖCῥPῆP·PIPμCΓC, Pῆ PrPs P·P±C-P»CHC€PμPSPSCΠ PePsPSC†PμPSC, CῥP°C†C-C—
PeP°P»C-Cῥ Π CΓPῆCῥPsPIP°C, C†C- PeCῥPsPIC- (PrPῆΠ. CῥPsP·PrC-P»
B«PῥCΓPsP±P»PῆPIPsCΓC, C- P·P°CΓC, PsCΓC†PIP°PSPSCΠB»). PμCῥPῆ
ΠῖCῥPῆP·PSP°C†PμPSPSC- ΠῖCῥPμΠῖP°CῥP°C, C-Π, C%Ps PIPῖP»PῆPIP°CῥC, CH PSP°
CῥC-PIPμPSCῥ PeP°P»C-Cῥ, Π ΠῖPsC”PrPSP°PSPSC- P· ΠῖCῥPμΠῖP°CῥP°C, PsPj
PῖPμPIC-PeP°Cῥ CῥPμPePsPjPμPSP†C†C”C, CHCΓCΠ PePsPSC, CῥPsP»CH
CΓPῆCῥPsPIP°C, PePsPIPsC— PePsPSC†PμPSC, CῥP°C†C-C— PeP°P»C-Cῥ.

PμCῥPμΠῖP°CῥP°C, Pῆ P»C-C, C-Cῥ

PμCῥPῆ PsPrPSPsC†P°CΓPSPsPjC† P·P°CΓC, PsCΓC†PIP°PSPSC- P»C-C, C-Cῥ P·
C-PSPiC-P±C-C, PsCῥP°PjPῆ
P°PSPiC-PsC, PμPSP·PῆPSPῖPμCῥPμC, PIPsCῥCῥPIP°P»CHPSPsPiPs C,, PμCῥPjPμPSC, C†
C- CῥC-PrPePs P· P°PSC, P°PiPsPSC-CΓC, P°PjPῆ CῥPμC†PμΠῖC, PsCῥC-Π
P°PSPiC-PsC, PμPSP·PῆPSC† Π CΓΠῖPsCΓC, PμCῥC-ΠῖP°P»PsCΓCΠ PsP±PsCῥPsC, PSPμ
P·P±C-P»CHC€PμPSPSCΠ CΓPῆCῥPsPIP°C, PePsPIPsC— PePsPSC†PμPSC, CῥP°C†C-C—
P»C-C, C-Cῥ C- C, PsPeCΓPῆC†PSPsCΓC, C- PῆPsPiPs ΠῖCῥPμΠῖP°CῥP°C, C-Π. Pj
P·ΠῖBῥ™ CΠP·PeC† P· C†PῆPj PSPμ CῥPμPePsPjPμPSP†C†C”C, CHCΓCΠ
PsPrPSPsC†P°CΓPSPμ P·P°CΓC, PsCΓC†PIP°PSPSCΠ ΠῖCῥPμΠῖP°CῥP°C, C†
PῖPμPIC-PeP°Cῥ C, P° ΠῖCῥPμΠῖP°CῥP°C, C-Π P»C-C, C-Cῥ (PrPῆΠ. CῥPsP·PrC-P»
B«PῥCΓPsP±P»PῆPIPsCΓC, C- P·P°CΓC, PsCΓC†PIP°PSPSCΠB»). PμCῥPῆ
PSPμPsP±C...C-PrPSPsCΓC, C- PsPrPSPsC†P°CΓPSPsPiPs P·P°CΓC, PsCΓC†PIP°PSPSCΠ
ΠῖCῥPμΠῖP°CῥP°C, C† PῖPμPIC-PeP°Cῥ C, P° ΠῖCῥPμΠῖP°CῥP°C, C-Π P»C-C, C-Cῥ
CῥPμPePsPjPμPSP†C†C”C, CHCΓCΠ CῥPμΠῖC†P»CΠCῥPSPῆPῆ PePsPSC, CῥPsP»CH
CῥC-PIPSCΠ P»C-C, C-Cῥ Π CΓPῆCῥPsPIP°C, C†C-.

PῖPῖC-P»CHPSPμ P·P°CΓC, PsCΓC†PIP°PSPSCΠ PIPῆPjP°PiP°C”
PsP±PμCῥPμP¶PSPsCΓC, C-

PῖPμCΓC, PμCῥPsC—PrPSC- ΠῖCῥPsC, PῆP·P°PiP°P»CHPSC- P·P°CΓPsP±Pῆ (PῖPμP—P—),
PIPeP»CῥC†P°CῥC†Pῆ CΓPμP»PμPeC, PῆPIPSC- C-PSPiC-P±C-C, PsCῥPῆ PῖPῖP”-2,
P°C†PμC, PῆP»CΓP°P»C-C†PῆP»PsPIC† PePῆCΓP»PsC, C† (> 3 Pi/PrPsP±C†) C-
PSPμCΓPμP»PμPeC, PῆPIPSC- PῖPμP—P—

PμCῥPῆ ΠῖCῥPῆP·PSP°C†PμPSPSC- P°PSC, P°PiPsPSC-CΓC, C-Π
P°PSPiC-PsC, PμPSP·PῆPSC† Π CΓΠῖC-P»CHPSPs P· PῖPμP—P— PjPsP¶P»PῆPIPμ
ΠῖPsCΓP»P°P±P»PμPSPSCΠ ΠῖC-ΠῖPsC, PμPSP·PῆPIPSPsPiPs PμC,, PμPeC, C†. PῆCῥC-Pj
C, PsPiPs, PsPrPSPsC†P°CΓPSPμ P·P°CΓC, PsCΓC†PIP°PSPSCΠ P°PSC, P°PiPsPSC-CΓC, C-Π
P°PSPiC-PsC, PμPSP·PῆPSC† Π C- PῖPμP—P— PjPsP¶Pμ ΠῖC-PrPIPῆC%C†PIP°C, Pῆ
CῥPῆP·PῆPe ΠῖPsPiC-CῥC€PμPSPSCΠ C,, C†PSPeC†C-C— PSPῆCῥPsPe C-
ΠῖCῥPῆP·PIPsPrPῆC, Pῆ PrPs P·P±C-P»CHC€PμPSPSCΠ CΓPῆCῥPsPIP°C, PePsPIPsC—
PePsPSC†PμPSC, CῥP°C†C-C— PeP°P»C-Cῥ. PῖPsPjC† ΠῖCῥPῆ C, P°PeC-Pῆ
CΓΠῖC-P»CHPSC-Pῆ C, PμCῥP°ΠῖC-C— CῥPμPePsPjPμPSP†C†C”C, CHCΓCΠ
CῥPμΠῖC†P»CΠCῥPSPs PsC†C-PSCῥPIP°C, Pῆ C,, C†PSPeC†C-Cῥ PSPῆCῥPsPe, P°
C, P°PePsP¶ CΓC, PμP¶PῆC, Pῆ P·P° PSP°P»PμP¶PSPsCῥ ΠῖC-PrCῥP°C, P°C†C-C”Cῥ
ΠῖP°C†C-C”PSC, P°.

P>C-PeP°CῥCΓCHPePῆPῆ P·P°CΓC-P± PePsP»PμCΓPμPIPμP»P°Pj, C%Ps

P·PIBTM C_{II}P·C_rC” P[¶]PsPIC_‡PSC- PePëC_ÍP»PsC,Pë

PhPrPSPsC_‡P°C_ÍPSP_μ P·P°C_ÍC,P_sC_ÍC_rPIP°PSPSC_{II} PePsP»P_μC_ÍP_μPIP_μP»P°P_jC_r
PiC-PrC_{II}PsC...P»PsC_{II}PëPrC_r, C%₀Ps P·PIBTM C_{II}P·C_rC” P[¶]PsPIC_‡PSC- PePëC_ÍP»PsC,Pë,
P·P_jP_μPSC€C_rC” C_ÍPëC_ÍC,P_μP_jPSPëPN_ë PIP_íP»PëPI C- P_íC-PePsPIC_r
PePsPSC_‡P_μPSC,C_{II}P°C_‡C-C_{II} PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r PI P_íP»P°P·P_jC-, P° C,P°PePsP[¶]
P·PSPëP[¶]C_rC” P_íP_μC_{II}C-PsPr PSP°P_íC-PIPIPëPIP_μPrP_μPSPSC_{II}. P_μC_{II}PëPN_ëPsP_j
PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r P_jP_μPrPsPeC_ÍPsP_jC-P»C_r C_{II}Pe P_jC-PSC-P_jC_rP_j P·P° 4
PiPsPrPëPSPë PrPs P_íC_{II}PëPN_ëPsP_jC_r PePsP»P_μC_ÍP_μPIP_μP»P°P_jC_r
PiC-PrC_{II}PsC...P»PsC_{II}PëPrC_r P·PSPëP[¶]C_rPIP°PI P_μC,,P_μPeC, P»C-PeP°C_{II}C_ÍCHPePsC—
PIP·P°C”P_jPsPrC-C—. P_ÝP»C-Pr C_{II}PsP·PiP»C_{II}PSC_rC,Pë P_jPsP[¶]P»PëPIC-C_ÍC,CH
P_íC_{II}PëPN_ëPsP_jC_r PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r P_jP_μPrPsPeC_ÍPsP_jC-P»C_r C_{II}Pe
P_jC-PSC-P_jC_rP_j P·P° 4 PiPsPrPëPSPë PrPs P_íC_{II}PëPN_ëPsP_jC_r PePsP»P_μC_ÍP_μPIP_μP»P°P_jC_r
PiC-PrC_{II}PsC...P»PsC_{II}PëPrC_r (PrPëPI. C_{II}PsP·PrC-P»
B«PαP°C_{II}P_jP°PePsPeC-PSP_μC,PëPeP°B»).

P”PsPrP°C,PePsPIP° C-PSC,,PsC_{II}P_jP°C_‡C-C_{II}

P’C-PrP·PSP°C_‡P_μPSPs P_íPsP_jC-C_{II}PSP_μ P·PSPëP[¶]P_μPSPSC_{II}
P±C-PsPrPsC_ÍC,C_rP_íPSPsC_ÍC,C- PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r P_jP_μPrPsPeC_ÍPsP_jC-P»C_r
P_íC-C_ÍP»C_{II} P»C-PeC_rPIP°PSPSC_{II} P°PSC,P°C_‡PëPrP°P_jPë (P_jP°PiPSC-C_{II} C,P°
P°P»C_{II}P_jC-PSC-C_{II} PiC-PrC_{II}PsPeC_ÍPëPrP°P_jPë).

PhP»P_jP_μC_ÍP°C_{II}C,P°PSC_r P_jP_μPrPsPeC_ÍPsP_jC-P» P·PSP°C_‡C_rC%₀P_μ PSP_μ
PIP_íP»PëPIP°C” PSP° C,,P°C_{II}P_jP°PePsPeC-PSP_μC,PëPeC_r C-
C,,P°C_{II}P_jP°PePsPrPëPSP°P_jC-PeC_r PIP°C_{II}C,,P°C_{II}PëPSC_r P°P±Ps
C,,P°C_{II}P_jP°PePsPeC-PSP_μC,PëPeC_r PrPëPiPsPeC_ÍPëPSC_r. PhPrPSPsC_‡P°C_ÍPSP_μ
P·P°C_ÍC,P_sC_ÍC_rPIP°PSPSC_{II} PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r P_jP_μPrPsPeC_ÍPsP_jC-P»C_r P·
P_íC_{II}P°PIP°C_ÍC,P°C,PëPSPsP_j PSP_μ P_íC_{II}PëP·PIPsPrPëC,CH PrPs PeP»C-PSC-C_‡PSPs
P·PSP°C_‡C_rC%₀PëC... P·P_jC-PS C,,P°C_{II}P_jP°PePsPeC-PSP_μC,PëPePë C_‡PëC...
P_íC_{II}P_μP_íP°C_{II}P°C,C-PI C_r P·PrPsC_{II}PsPIPëC... PrPsP±C_{II}PsPIP_sP»CHC_‡C-PI.

P_kP_μ PIPëC_{II}PIP»P_μPSPs PeP»C-PSC-C_‡PSPs P·PSP°C_‡C_rC%₀PsC—
C-PSPiC-P±C_rCHC_‡PsC— PrC-C— PsP»P_jP_μC_ÍP°C_{II}C,P°PSC_r PSP° C,,P_μC_{II}P_jP_μPSC,Pë
1A1/2, 2A6, 2C8/9, 2C19, 2D6, 2E1 C,P° 3A4 C_‡PëC,PsC...C_{II}PsP_jC_r P 450 C_r
P»CHPrPëPSPë *in vitro*, C- PIC-PrP·PSP°C_‡P_μPSPëPN_ë P_jC-PSC-P_jP°P»CHPSPëPN_ë P°P±Ps
PSC_rP»CHPsPIPëPN_ë C-PSP_rC_rPeC_rCHC_‡PëPN_ë P_μC,,P_μPeC, C%₀PsPrPs
P°PeC,PëPIPsC_ÍC,C- C_‡PëC,PsC...C_{II}PsP_jC_r P 450 C_r C%₀C_rC_{II}C-PI. P_ÝP°PePëP_j
C_‡PëPSPsP_j, PeP»C-PSC-C_‡PSPs P·PSP°C_‡C_rC%₀PëC... PIP·P°C”P_jPsPrC-PN_ë P_jC-P[¶]
PsP»P_jP_μC_ÍP°C_{II}C,P°PSPsP_j C- P»C-PeP°C_{II}C_ÍCHPePëP_jPë P·P°C_ÍPsP±P°P_jPë,
P_jP_μC,P°P±PsP»C-P·P_j C_{II}PePëC... P·PrC-PN_ëC_ÍPSC_{II}C”C,CHC_ÍC_{II}
PIPëC%₀P_μP_íP_μC_{II}P_μP»C-C_‡P_μPSPëP_jPë C,,P_μC_{II}P_jP_μPSC,P°P_jPë P_íC_{II}C_rP_íPë
C_‡PëC,PsC...C_{II}PsP_jC-PI P450, P_jPsP[¶]PSP° PSP_μ PsC_‡C-PeC_rPIP°C,Pë.

P_μPsC,P_μPSC_‡C-PN_ëPSC- PIP·P°C”P_jPsPrC-C—, P_íPsPIBTM C_{II}P·P°PSC- P· PrC-C_{II}C_‡PsC_{II}
C_{II}P_μC_‡PsPIPëPSPsC_{II} P_íC_{II}P_μP_íP°C_{II}P°C,C_é P_ÝP_μPIC-PeP°C_{II} P°P_jP»PsPrPëP_íC-PSPsP_j

P’P_íP»PëPI C-PSC€PëC... P»C-PeP°C_{II}C_ÍCHPePëC... P·P°C_ÍPsP±C-PI PSP° PrC-C_{II}
P°P_jP»PsPrPëP_íC-PSC_é

Р†PSPiC-P±C-C,PsCḡPë CYP3A4

РḡCḡPë PsPrPSPsC‡P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- P°PjP»PsPrPëPíC-PSCÍ P·CÍPëP»CHbPSPëPjPë P°P±Ps PíPsPjC-CḡPSPëPjPë C-PSPiC-P±C-C,PsCḡP°PjPë CYP3A4 (C-PSPiC-P±C-C,PsCḡP°PjPë PíCḡPsC,РḡP°P·, P°P·PsP»CHbPSPëPjPë C,,CÍPSPiC-C†PëPrP°PjPë, PjP°PeCḡPsP»C-PrP°PjPë C,PëPíCÍ РḡCḡPëC,CḡPsPjC-C†PëPSCÍ P°P±Ps PeP»P°CḡPëC,CḡPsPjC-C†PëPSCÍ, PIPḡCḡP°PíP°PjC-P»CÍ P°P±Ps PrPëP»C,C-P°P·РḡPjCÍ) PIPíP»PëPI P°PjP»PsPrPëPíC-PSCÍ PjPsPḡPḡ P·PSP°C‡PSPs PíPsCÍPëP»CHPIP°C,PëCÍCḡ, C°Ps C,P°PePsPḡ PjPsPḡPḡ PíCḡPëP·PIPḡCÍC,Pë PrPs PíC-PrPIPëC°PḡPḡPSPSCḡ CḡPëP·PëPeCÍ PIPëPSPëPePSPḡPSPSCḡ PíC-PíPsC,РḡPSP·C-C—. РḡP»C-PSC-C‡PSC- PíCḡPsCḡPIPë C,P°PePëC... C,,P°CḡPjP°PePsPeC-PSPḡC,PëC‡PSPëC... P·PjC-PS PjPsPḡCÍC,CHb P±CÍC,Pë P±C-P»CHbC€ PIPëCḡP°PḡPḡPSPëPjPë CÍ PíP°C†C-C"PSC,C-PI P»C-C,PSCHbPsPíPs PIC-PeCÍ. P†CÍPSCÍC" PíC-PrPIPëC°PḡPḡPSPëPḡ CḡPëP·PëPe PíC-PíPsC,РḡPSP·C-C—. P РḡPePsPjPḡPSPPrCÍC"C,CHbCÍCḡ CḡPḡC,РḡP»CHbPSPḡ PsP±CÍC,РḡPḡPḡPSPSCḡ PíP°C†C-C"PSC,C-PI. РḡPsPḡPḡ P±CÍC,Pë PíPsC,CḡC-P±PSPḡ PeP»C-PSC-C‡PSPḡ CÍPíPsCÍC,РḡCḡPḡPḡPSPSCḡ C- PePsCḡPḡPeC†C-Cḡ PrPsP·Pë.

Р†PSPrCÍPeC,PsCḡPë CYP3A4

РḡCḡPë PsPrPSPsC‡P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- PIC-PrPsPjPëC... C-PSPrCÍPeC,PsCḡC-PI CYP3A4 PePsPSC†PḡPSC,CḡP°C†C-Cḡ P°PjP»PsPrPëPíC-PSCÍ CÍ PíP»P°P·PjC- PjPsPḡPḡ P·PjC-PSCḡPIP°C,PëCÍCḡ. PḡPsPjCÍ CÍP»C-Pr PePsPSC,CḡPsP»CHPIP°C,Pë P°CḡC,РḡCḡC-P°P»CHbPSPëPḡ C,PëCÍPe C,P° CḡPḡPíCÍP»CHPIP°C,Pë PrPsP·CÍ CḡPe PíC-Pr C‡P°CÍ, C,P°Pe C- PíC-CÍP»Cḡ CÍCÍPíCÍC,PSCHbPsC— C,РḡCḡP°PíC-C—, PsCÍPsP±P»PëPIPs CÍ CḡP°P·C- CÍCÍPíCÍC,PSCHbPsC— C,РḡCḡP°PíC-C— C-P· CÍPëP»CHbPSPëPjPë C-PSPrCÍPeC,PsCḡP°PjPë CYP3A4 (C,P°PePëPjPë CḡPe CḡPëC,,P°PjPíC-C†PëPS, P·PIC-CḡPsP±C-Pḡ P·PIPëC‡P°PḡPSPëPḡ).

РḡCḡPëPḡPsPj P°PjP»PsPrPëPíC-PSCÍ CḡP°P·PsPj P· PíCḡPḡPḡPíC,,CḡCÍC,PsPj P°P±Ps PíCḡPḡPḡPíC,,CḡCÍC,PsPIPëPj CÍPsPePsPj PSPḡ CḡPḡPePsPjPḡPSPPrCÍC"C,CHbCÍCḡ, PsCÍPeC-P»CHbPePë CÍ PrPḡCḡPePëC... PíP°C†C-C"PSC,C-PI PjPsPḡPḡ PíC-PrPIPëC°CÍPIP°C,PëCÍCḡ P±C-PsPrPsCÍC,CÍPíPSC-CÍC,CHb PíCḡPḡPíP°CḡP°C,CÍ, C°Ps PíCḡPsCḡPIP»CḡC"C,CHbCÍCḡ PI PíPsCÍPëP»PḡPSPSC- PḡPsPíPs PíC-PíPsC,РḡPSP·PëPIPSPsC— PrC-C—.

Р"°PSC,CḡPsP»PḡPS (C-PSC,,CÍP·C-Cḡ)

РḡC-Pr C‡P°CÍ PrPsCÍP»C-PrC-PI PSP° P»P°P±PsCḡP°C,PsCḡPSPëC... C,PIP°CḡPëPSP°C... PíC-CÍP»Cḡ PíCḡPëPḡPsPjCÍ PIPḡCḡP°PíP°PjC-P»CÍ C- PIPSCÍC,CḡC-C€PSCHbPsPIPḡPSPSPsPíPs PIPḡPrPḡPSPSCḡ PrP°PSC,CḡPsP»PḡPSCÍ CÍPíPsCÍC,РḡCḡC-PíP°P»PëCÍCḡ C,,C-P±CḡPëP»CḡC†C-Cḡ C€P»CÍPSPsC‡PeC-PI C- CÍPḡCḡPḡPIPḡPíPs-CÍCÍPrPëPSPSPëPḡ PePsP»P°PíCÍ P· P»PḡC,P°P»CHbPSPëPj PSP°CÍP»C-PrPePsPj CÍ P·PIbḡ™ CḡP·PeCÍ P· CḡPsP·PIPëC,PePsPj PíC-PíPḡCḡPeP°P»C-C"PjC-C—. P— PsPíP»CḡPrCÍ PSP° CḡPëP·PëPe CḡPsP·PIPëC,PeCÍ PíC-PíPḡCḡPeP°P»C-C"PjC-C— CÍ PíP°C†C-C"PSC,C-PI, CÍC...PëP»CHbPSPëC... PrPs PIPëPSPëPePSPḡPSPSCḡ P·P»PsCḡPeC-CÍPSPsC— PíC-PíPḡCḡ,РḡCḡPjC-C—, P°

C,P°PePsP¶ PSP° C,P»C- C,PµCḡP°PīC-C— P·P»PsCḡPeC-CḡPSPsC—
PiC-PīPµCḡC,PµCḡPjC-C— CḡPµPePsPjPµPSPrCḡC”C,CḡCḡCḡ CḡPSPēPeP°C,Pē
PsPrPSPsC‡P°CḡPSPsPiPs PīCḡPēPN₆PsPjCḡ P±P»PsPeP°C,PsCḡC-PI
PeP°P»CḡC†C-C”PīPēC... PeP°PSP°P»C-PI, C,P°PePēC... CḡPe P°PjP»PsPrPēPīC-PS.

*P’PīP»PēPI P°PjP»PsPrPēPīC-PSCḡ PSP° PrC-Cḡ C-PSCēPēC... P»C-PeP°CḡCḡCḡPePēC...
P·P°CḡPsP±C-PI*

P”C-PīPsC,PµPSP·PēPIPSPēPN₆ PµC,,PµPeC, P°PjP»PsPrPēPīC-PSCḡ PrPsPrP°C”C,CḡCḡCḡ
PrPs PiC-PīPsC,PµPSP·PēPIPSPsPiPs PµC,,PµPeC,Cḡ C-PSCēPēC... PīCḡPµPīP°CḡP°C,C-PI,
C%Ps P·PSPēP¶CḡCḡC,Cḡ P°CḡC,PµCḡC-P°P»CḡPSPēPN₆ C,PēCḡPe.

PJ C...PsPrC- PeP»C-PSC-C‡PSPēC... PrPsCḡP»C-PrP¶PµPSCH
P»C-PeP°CḡCḡCḡPePēC... PIP·P°C”PjPsPrC-PN₆ P°PjP»PsPrPēPīC-PS PSPµ
PIPīP»PēPIP°PI PSP° C,,P°CḡPjP°PePsPeC-PSPµC,PēPeCḡ P°C,PsCḡPIP°CḡC,P°C,PēPSCḡ,
PrPēPiPsPeCḡPēPSCḡ P°P±Ps PIP°CḡC,,P°CḡPēPSCḡ.

PŸPēPjPIP°CḡC,P°C,PēPS

PḡPrPSPsC‡P°CḡPSPēPN₆ PīCḡPēPN₆PsPj P±P°PiP°C,PsCḡP°P·PsPIPēC... PrPsP·
P°PjP»PsPrPēPīC-PSCḡ PīPs 10 PjPi C- CḡPēPjPIP°CḡC,P°C,PēPSCḡ PīPs 80 PjPi
PīCḡPēP·PIPsPrPēPI PrPs P·P±C-P»CḡCēPµPSPSCḡ PIPīP»PēPICḡ
CḡPēPjPIP°CḡC,P°C,PēPSCḡ PSP° 77 % Cḡ PīPsCḡC-PIPSCḡPSPSC- C-P·
PīCḡPēPN₆PsPjPsPj P»PēCēPµ CḡPēPjPIP°CḡC,P°C,PēPSCḡ. P”PsP·P°
CḡPēPjPIP°CḡC,P°C,PēPSCḡ PrP»Cḡ PīP°C†C-C”PSC,C-PI, C%Ps PīCḡPēPN₆PjP°CḡC,Cḡ
P°PjP»PsPrPēPīC-PS, PSPµ PīPsPIPēPSPSP° PīPµCḡPµPIPēC%CrPIP°C,Pē 20 PjPi PSP°
PrPsP±Cḡ.

PŸP°PeCḡPsP»C-PjCḡCḡ

P†CḡPSCḡC” CḡPēP·PēPe PīC-PrPIPēC%PµPSPSCḡ CḡC-PIPSC-PI
C,P°PeCḡPsP»C-PjCḡCḡCḡ PI PeCḡPsPIC- PīCḡPē PsPrPSPsC‡P°CḡPSPsPjCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSC- P· P°PjP»PsPrPēPīC-PSPsPj. P©PsP± CḡPSPēPePSCḡC,Pē
C,PsPeCḡPēC‡PSPsCḡC,C- C,P°PeCḡPsP»C-PjCḡCḡCḡ PīCḡPē CḡCḡPīCḡC,PSCHPsPjCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSC- P°PjP»PsPrPēPīC-PSCḡ, PīPsC,CḡC-P±PµPS
CḡPµPiCḡP»CḡCḡPSPēPN₆ PjPsPSC-C,PsCḡPēPSPi CḡC-PIPSC-PI
C,P°PeCḡPsP»C-PjCḡCḡCḡ PI PeCḡPsPIC-, P° Cḡ CḡP°P·C- PSPµPsP±C...C-PrPSPsCḡC,C-
- PePsCḡPµPeC†C-Cḡ PrPsP·CḡPIP°PSPSCḡ.

P†PSPiC-P±C-C,PsCḡPē mTOR (PjC-CēPµPSC- CḡP°PīP°PjC-C†PēPSCḡ)

P†PSPiC-P±C-C,PsCḡPē mTOR, C,P°PeC- CḡPe CḡPēCḡPsP»C-PjCḡCḡ,
C,PµPjCḡPēCḡPsP»C-PjCḡCḡ C,P° PµPIPµCḡPsP»C-PjCḡCḡ, C” CḡCḡP±CḡC,CḡP°C,P°PjPē CYP3A.
PḡPjP»PsPrPēPīC-PS ḡḡ” CḡP»P°P±PePēPN₆ C-PSPiC-P±C-C,PsCḡ CYP3A. PḡCḡPē
PsPrPSPsC‡P°CḡPSPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- C-PSPiC-P±C-C,PsCḡC-PI mTOR
P°PjP»PsPrPēPīC-PS PjPsP¶Pµ PīC-PrPIPēC%CrPIP°C,Pē PIPīP»PēPI C-PSPiC-P±C-C,PsCḡC-PI
mTOR.

PḡPēPeP»PsCḡPīPsCḡPēPS

P_μC-Pr C_‡P°CÍ PíC_‡PsCÍPíP_μPeC,PëPIPSPsPiPs PeP»C-PSC-C_‡PSPsPiPs
 PrPsCÍP»C-PrP_¶P_μPSPSCÍ P·P° CíC_‡P°CÍC,C_‡ PíP°C_‡C-C''PSC,C-PI C-P·
 C,C_‡P°PSCÍPíP»P°PSC,P°C_‡C-C''C_‡ PSPëC_‡PePë CÍPíPsCÍC,P_μC_‡C-PiP°P»PsCÍC_‡
 P·P±C-P»C_‡PeP_μPSPSCÍ PjC-PSC-PjP°P»C_‡PsPSPsPiPs C_‡C-PIPSCÍ
 C_‡PëPeP»PsCÍPíPsC_‡PëPSCÍ PI CÍP_μC_‡P_μPrPSC_‡PsPjC_‡ PSP° 40 % PíC_‡Pë
 PsPrPSPsC_‡P°CÍPSPsPjC_‡ P·P°CÍC,PsCÍC_‡PIP°PSPSC- P_‡PsPiPs P·
 P°PjP»PsPrPëPíC-PSPsPj. P_‡CíPíC_‡C,PSC'' P·P°CÍC,PsCÍC_‡PIP°PSPSCÍ
 PíC_‡P_μPíP°C_‡P°C,Cí P_‡P_μPIC-PeP°C_‡ C,P° C_‡PëPeP»PsCÍPíPsC_‡PëPSCÍ PjPsP_¶P_μ
 PíPsCÍPëP»PëC,Pë PíPíP»PëPI C_‡PëPeP»PsCÍPíPsC_‡PëPSCÍ. P_‡C_‡Pë
 CÍC_‡PíC_‡C,PsC_‡PsPjC_‡ P·P°CÍC,PsCÍC_‡PIP°PSPSC- P· P°PjP»PsPrPëPíC-PSPsPj
 CÍP»C-Pr C_‡PsP·PiP»CÍPSCÍC,Pë PSP_μPsP±C...C-PrPSC-CÍC,C_‡ PePsPSC,C_‡PsP»C_‡
 P·P° PjC-PSC-PjP°P»C_‡PsPëPj C_‡C-PIPSP_μPj C_‡PëPeP»PsCÍPíPsC_‡PëPSCÍ PI
 PeC_‡PsPIC-, P° Cí C_‡P°P·C- PíPsC,C_‡P_μP±Pë B_‡'' P·PSPëP·PëC,Pë PrPsP·C_‡
 C_‡PëPeP»PsCÍPíPsC_‡PëPSCÍ.

P_‡CÍPsP±P»PëPIP_‡CÍC,C- P·P°CÍC,PsCÍC_‡PIP°PSPSCÍ.

P_μP°C_‡C-C''PSC,Pë P· PíC-PíPsPIPsP»P_μPjC-C''C_‡ P°P±Ps PSP_μCÍC,P°C_‡P_μC_‡ PSP°C,C_‡C-C_‡

PJ PíP°C_‡C-C''PSC,C-PI P· PíC-PíPsPIPsP»P_μPjC-C''C_‡ C,P°/P°P±Ps
 PíC-PíPsPSP°C,C_‡C-C''PjC-C''C_‡, C_‡Ps PíPëPSPëPeP»Pë PI C_‡P_μP·CíP»C_‡C,P°C,C-
 C-PSC,P_μPSCÍPëPIPSPsC— C,P_μC_‡P°PíC-C— PrC-C_‡C_‡P_μC,PëPeP°PjPë, PsP±PjP_¶P_μPSPSCÍ
 CÍPíPsP_¶PíPíP°PSPSCÍ CÍPsP»C- P· C—P_¶P_μC_‡, PrC-P°C_‡P_μC— P°P±Ps P±P»C_‡PIP°PSPSCÍ,
 PjPsP_¶P_μ PíPëPSPëPePSCÍC,Pë CÍPëPjPíC,PsPjP°C,PëC_‡PSP° PíC-PíPsC,P_μPSP·C-CÍ,
 PsCÍPsP±P»PëPIPs PíC-CÍP»CÍ PíC_‡PëP_‡PsPjC_‡ PíP_μC_‡PePsC— PrPsP·Pë.
 P P_μPePsPjP_μPSPPrPsPIP°PSPs CíCÍC_‡PSCÍC,Pë C_‡C- CÍC,P°PSPë PrPs PíPsC_‡P°C,PeC_‡
 P»C-PeC_‡PIP°PSPSCÍ PíC_‡P_μPíP°C_‡P°C,PsPj P_‡P_μPIC-PeP°C_‡ P°P±Ps PíCÍC,P°PSPsPíPëC,Pë
 C_‡P_μC,P_μP»C_‡PsP_μ CÍPíPsCÍC,P_μC_‡P_¶P_μPSPSCÍ P·P° CÍC,P°PSPsPj PíP°C_‡C-C''PSC,P° PSP°
 PíPsC_‡P°C,PeC_‡ P»C-PeC_‡PIP°PSPSCÍ.

*P_‡PSCëC- CÍC,P°PSPë, C_‡Ps CÍC_‡PíC_‡PsPIPsPrP_¶C_‡C_‡,C_‡CÍCÍ CÍC,PëPjC_‡P»CÍC_‡C-C''C_‡
 C_‡P_μPSC-PS-P°PSPíC-PsC,P_μPSP·PëPS-P°P»C_‡PrPsCÍC,P_μC_‡PsPSPsPIPsC— CÍPëCÍC,P_μPjPë*

P_‡P°C_‡C-C''PSC,Pë, Cí CÍPePëC... CÍC_‡PrPëPSPSPëP_‡ C,PsPSCÍCÍ C- C_‡,CíPSPeC_‡C-CÍ
 PSPëC_‡PsPe PíP_μP»PëPePsC_‡ PjC-C_‡PsC_‡ P·P°P»P_μP_¶P°C,C_‡ PIC-Pr P°PeC,PëPIPSPsCÍC,C-
 C_‡P_μPSC-PS-P°PSPíC-PsC,P_μPSP·PëPS-P°P»C_‡PrPsCÍC,P_μC_‡PsPSPsPIPsC— CÍPëCÍC,P_μPjPë
 (PSP°PíC_‡PëPeP»P°Pr PíP°C_‡C-C''PSC,Pë P· C,CÍP_¶PePsC_‡ P·P°CÍC,C-P_‡PsPSC_‡
 CÍP_μC_‡P_μPIPsC_‡ PSP_μPrPsCÍC,P°C,PSC-CÍC,C_‡ P°P±Ps P· C...PIPsC_‡PsP±PsC_‡
 PSPëC_‡PsPe, PíPeP»C_‡C_‡P°C_‡Pë CÍC,P_μPSPsP· PSPëC_‡PePsPIPsC— P°C_‡C,P_μC_‡C—),
 PjPsP_¶CíC,C_‡ C_‡P_μP°PíC_‡PIP°C,Pë PSP° C-PSCëC- PíC_‡P_μPíP°C_‡P°C,Pë, C_‡Ps
 PíPíP»PëPIP°C_‡C,C_‡ PSP° C_‡C_‡ CÍPëCÍC,P_μPjC_‡ (C,P°PeC- CÍPe P°PSC,P°PíPsPSC-CÍC,Pë
 C_‡P_μC_‡P_μPíC,PsC_‡C-PI P°PSPíC-PsC,P_μPSP·PëPSCÍ II), PíPsCÍC,C_‡PsC_‡
 PíC-PíPsC,P_μPSP·C-C''C_‡, P°P·PsC,P_μPjC-C''C_‡, PsP»C-PíC_‡C_‡C-C''C_‡ P°P±Ps C_‡C-PrPePs -
 PíPsCÍC,C_‡PsC_‡ PSPëC_‡PePsPIPsC_‡ PSP_μPrPsCÍC,P°C,PSC-CÍC,C_‡.

P P_μPSPsPIP°CÍPeC_‡P»CÍC_‡PSP° PíC-PíP_μC_‡C,P_μPSP·C-CÍ

P—P°CÍC,PsCÍC_‡PIP°PSPSCÍ PíC_‡P_μPíP°C_‡P°C,C-PI, C_‡Ps PíPíP»PëPIP°C_‡C,C_‡ PSP°
 C_‡P_μPSC-PS-P°PSPíC-PsC,P_μPSP·PëPS-P°P»C_‡PrPsCÍC,P_μC_‡PsPSPsPIC_‡ CÍPëCÍC,P_μPjC_‡, Cí

C...PIPsCḡPëC... P· PrPIPsP±C-C‡PSPëPj CíC,PµPSPsP·PsPj PSPëCḡPePsPIPsC—
P°CḡC,PµCḡC-C— P°P±Ps CíC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— C"PrPëPSPsC—
C,,CíPSPeC†C-PsPSCíCḡC‡PsC— PSPëCḡPePë PíPsPIBḡ™CıP·P°PSPµ P· PíC-PrPIPëC%PµPSPëPj
CḡPëP·PëPePsPj C,CıP¶PePsC— PíC-PíPsC,PµPSP·C-C— C,P° PSPëCḡPePsPIPsC—
PSPµPrPsCíC,P°C,PSPsCíC,C-.

*PµPsCḡC¿C€PµPSPSCı C,,C¿PSPeC†C-C— PSPëCḡPsPe C- C,CḡP°PSCíPíP»P°PSC,P°C†C-Cı
PSPëCḡPePë*

PµCḡPë P·P°CíC,PsCíCíPIP°PSPSC- PíCḡPµPíP°CḡP°C,Cí PŸPµPIC-PeP°Cḡ
C...PIPsCḡPëPj C-P· PíPsCḡCíC€PµPSPSCıPj C,,CíPSPeC†C-C— PSPëCḡPsPe
CḡPµPePsPjPµPSPPrCíC"C,CHCíCı PíPµCḡC-PsPrPëC‡PSPëPNë PePsPSC,CḡPsP»CH
CḡC-PIPSCı PeP°P»C-Cḡ C,P° PeCḡPµP°C,PëPSC-PSCí Pı CíPëCḡPsPIP°C,C†C-
PeCḡPsPIC-. P—P°CíC,PsCíCíPIP°PSPSCı PíCḡPµPíP°CḡP°C,Cí PŸPµPIC-PeP°Cḡ PSPµ
CḡPµPePsPjPµPSPPrPsPIP°PSPs PíP°C†C-C"PSC,P°Pj C-P· C,CıP¶PePëPj
PíPsCḡCíC€PµPSPSCıPj C,,CíPSPeC†C-C— PSPëCḡPsPe (PeP»C-CḡPµPSCí
PeCḡPµP°C,PëPSC-PSCí < 20 PjP»/C...PI). P"PSCíPIC-Pr P·P°CíC,PsCíCíPIP°PSPSCı
PíCḡPµPíP°CḡP°C,Cí PŸPµPIC-PeP°Cḡ PíP°C†C-C"PSC,P°Pj, CıPeC- PSPµC%PsPrP°PIPS
PíPµCḡPµPSPµCíP»Pë C,CḡP°PSCíPíP»P°PSC,P°C†C-Cḡ PSPëCḡPePë, P°P±Ps
PíP°C†C-C"PSC,P°Pj P· C,PµCḡPjC-PSP°P»CHPSPsCḡ PSPëCḡPePsPIPsCḡ
PSPµPrPsCíC,P°C,PSC-CíC,Cḡ (PSP°PíCḡPëPeP»P°Pr, PeP»C-CḡPµPSCí
PeCḡPµP°C,PëPSC-PSCí < 12 PjP»/C...PI) PIC-PrCíCíC,PSC-PNë (PrPëPI. CḡPsP·PrC-P»Pë
B«PŸPíPsCíC-P± P·P°CíC,PsCíCíPIP°PSPSCıB», B«PαP°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

*PµPsPrPIC-PNëPSP° P±P»PsPeP°PrP° CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPS-
P°P»CHPrPsCíC,PµCḡPsPSPsPIPsC— CíPëCíC,PµPjPë (P PḡPḡPŸ)*

P,, CíPIC-PrC‡PµPSPSCı, C%Ps CíPíC-P»CHPSPµ P·P°CíC,PsCíCíPIP°PSPSCı
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 P·P±C-P»CHC€CíC" CḡPëP·PëPe
CḡPsP·PIPëC,PeCí P°CḡC,PµCḡC-P°P»CHPSPsC— PíC-PíPsC,PµPSP·C-C—,
PíC-PíPµCḡPeP°P»C-C"PjC-C— C- P·PSPëP¶PµPSPSCı C,,CíPSPeC†C-C— PSPëCḡPsPe (PI
C,PsPjCí C‡PëCíP»C- PíPsCíC,CḡPsC— PSPëCḡPePsPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C-).
PŸPsPjCí PíPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PḡPḡPŸ PSP° C,P»C- CíPíC-P»CHPSPsPíPs
P·P°CíC,PsCíCíPIP°PSPSCı 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 PSPµ
CḡPµPePsPjPµPSPPrCíC"C,CHCíCı (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-Cı P·
C-PSC€PëPjPë P»C-PeP°CḡCíCHPePëPjPë P·P°CíPSP±P°PjPë C,P° C-PSC€C- PíPëPrPë
PIP·P°C"PjPsPrC-PNëB»).

PíPeC%Ps C,PµCḡP°PíC-Cı P· PíPsPrPIC-PNëPSPsCḡ P±P»PsPeP°PrPsCḡ C"
P°P±CíPSP»CḡC,PSPs PSPµPsP±C...C-PrPSPsCḡ, C,Ps PíPsPSP° PíPsPIPëPSPSP°
PíCḡPsPIPsPrPëC,PëCíCı C,C-P»CHPePë PíC-Pr PSP°PíP»CıPrPsPj C,,P°C...C-PIC†Cı, P°
C,P°PePsP¶ PSP° C,P»C- CḡPµC,PµP»CHPSPsPíPs CíPíPsCíC,PµCḡPµP¶PµPSPSCı P·P°
C,,CíPSPeC†C-C"Cḡ PSPëCḡPsPe, CḡC-PIPSµPj PµP»PµPeC,CḡPsP»C-C,C-PI C-
P°CḡC,PµCḡC-P°P»CHPSPsPíPs C,PëCíPeCí.

PŸPíC-P»CHPSPµ P·P°CíC,PsCíCíPIP°PSPSCı 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
PíCḡPsC,PëPíPsPeP°P·P°PSPs PíP°C†C-C"PSC,P°Pj P· PrC-P°P±PµC,PëC‡PSPsCḡ
PSPµC,,CḡPsPíP°C,C-C"Cḡ.

РμPsCḡCžC€РμPSPSCḡ C,,CžPSPeC†C-C— PiPμC‡C-PSPePë

PJ PiP°C†C-C" PSC,C-PI P· PiPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PiPμC‡C-PSPePë
P·P±C-P»CHC€C†C" C,CHC†Cḡ PμPeC†PiPsP·PëC†C-Cḡ P°PjP»PsPrPëPiC-PSC† C,P°
PsP»PjPμC†P°CḡC,P°PSC† PjPμPrPsPeC†PsPjC-P»C† (PrPëPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»). PŸPμPIC-PeP°Cḡ C†P»C-Pr P·
PsP±PμCḡPμPḡPSC-C†C,Cḡ PiCḡPëP·PSP°C‡P°C,Pë PiP°C†C-C" PSC,P°Pj P·
PiPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PiPμC‡C-PSPePë P»PμPiPePsPiPs P°P±Ps
PiPsPjC-CḡPSPsPiPs C†C,C†PiPμPSCḡ. P" P»Cḡ PiP°C†C-C" PSC,C-PI P· PiPsPjC-CḡPSPëPj
PiPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PiPμC‡C-PSPePë PrPsP·P° PsP»PjPμC†P°CḡC,P°PSC†
PjPμPrPsPeC†PsPjC-P»C† PSPμ PiPsPiPëPSPSP° PiPμCḡPμPiPëC% C†PiP°C,Pë 20 PjPi (PrPëPI.
CḡPsP·PrC-P» B«PŸPiPsC†C-P± P·P°C†C,PsC†C†PiP°PSPSCḡ C,P° PrPsP·PëB»).
PμP°C†C-C" PSC,P°Pj P· PiPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PiPμC‡C-PSPePë
PiCḡPëPμPsPj P°PjP»PsPrPëPiC-PSC† C†P»C-Pr PiPsC‡PëPSP°C,Pë P· PSP°PμPSPëPḡC‡PsC—
PrPsP·Pë C- PrPsC,CḡPëPjC†PiP°C,PëC†Cḡ PsP±PμCḡPμPḡPSPsC†C,C- CḡPe PSP°
PiPsC‡P°C,PeC† P»C-PeC†PiP°PSPSCḡ, C,P°Pe C- PiCḡPë PiC-PrPiPëC% PμPSPSC- PrPsP·Pë.
PμCḡPμPiP°CḡP°C, PŸPμPIC-PeP°Cḡ PiCḡPsC,PëPiPsPeP°P·P°PSPëPμ PiP°C†C-C" PSC,P°Pj P·
C,CḡPḡPePëPj PiPsCḡC†C€PμPSPSCḡPj C,,C†PSPeC†C-C— PiPμC‡C-PSPePë (PrPëPI.
CḡPsP·PrC-P» B«PμCḡPsC,PëPiPsPeP°P·P°PSPSCḡB»).

P" C-PiPμCḡPeP°P»C-C" PjC-Cḡ

PİPe C- PiCḡPë P·P°C†C,PsC†C†PiP°PSPSC- C-PSC€PëC... P°PSC,P°PiPsPSC-C†C,C-PI
P°PSPiC-PsC,PμPSP·PëPSC† II C,P° C-PSPiC-P±C-C,PsCḡC-PI PhPμPα, PiCḡPë
P»C-PeC†PiP°PSPSC- PiCḡPμPiP°CḡP°C,PsPj PŸPμPIC-PeP°Cḡ PjPsPḡPμ PiPëPSPëPePSC†C,Pë
PiC-PiPμCḡPeP°P»C-C" PjC-Cḡ, PsC†PsP±P»PëPiPs PiCḡPë PiPsCḡC†C€PμPSPSC-
C,,C†PSPeC†C-C— PSPëCḡPsPe C,P°/P°P±Ps C†PμCḡC†PμPIC-Pμ PSPμPrPsC†C,P°C,PSPsC†C,C-
(PrPëPI. CḡPsP·PrC-P» B«P'P·P°C" PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡC†CHPePëPjPë
P·P°C†PsP±P°PjPë C,P° C-PSC€C- PiPëPrPë PiP·P°C" PjPsPrC-PμB»). PμP°C†C-C" PSC,P°Pj P·
C†C-C" C— PiCḡC†PiPë CḡPëP·PëPeC† CḡPμPePsPjPμPSPrC†C" C,CHC†Cḡ C‡P°C†C,PëPμ
PePsPSC,CḡPsP»CH CḡC-PIPSḡ C†PëCḡPsPiP°C,PePsPiPsPiPs PeP°P»C-Cḡ.

PμCḡPμPiP°CḡP°C, P· PsP±PμCḡPμPḡPSC-C†C,Cḡ PiCḡPëP·PSP°C‡P°CḡC,CH C†
PiPsC" PrPSP°PSPSC- P· PeP°P»C-C" PiPëPjPë PrPsP±P°PiPeP°PjPë,
PeP°P»C-PμP·P±PμCḡC-PiP°CḡC‡PëPjPë PrC-C†CḡPμC,PëPeP°PjPë, P·P°PjC-PSPSPëPeP°PjPë
C†PsP»C-, C%Ps PjC-C†C,CḡC,CH PeP°P»C-Pμ, P°P±Ps C-PSC€PëPjPë
P»C-PeP°CḡC†CHPePëPjPë P·P°C†PsP±P°PjPë, CḡPeC- PjPsPḡC†C,CH PiC-PrPiPëC%PëC,Pë
CḡC-PIPμPSCH PeP°P»C-Cḡ (PiPμPiP°CḡPëPS C,PsC%Ps); PiCḡPë C†CHPsPjC†
CḡPμPePsPjPμPSPrC†C" C,CHC†Cḡ CḡPμPiC†P»CḡCḡPSPëPμ PePsPSC,CḡPsP»CH CḡC-PIPSḡ
PeP°P»C-Cḡ PI PeCḡPsPIC-.

РμCḡPμPiP°CḡP°C,Pë P»C-C,C-Cḡ

PİPe C- PiCḡPë P·P°C†C,PsC†C†PiP°PSPSC- C-PSC€PëC... P°PSC,P°PiPsPSC-C†C,C-PI
P°PSPiC-PsC,PμPSP·PëPSC† II, PsPrPSPsC‡P°C†PSPμ P·P°C†C,PsC†C†PiP°PSPSCḡ
PiCḡPμPiP°CḡP°C,C† PŸPμPIC-PeP°Cḡ C- PiCḡPμPiP°CḡP°C,C-PI P»C-C,C-Cḡ PSPμ
CḡPμPePsPjPμPSPrC†C" C,CHC†Cḡ (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C" PjPsPrC-Cḡ P·
C-PSC€PëPjPë P»C-PeP°CḡC†CHPePëPjPë P·P°C†PsP±P°PjPë C,P° C-PSC€C- PiPëPrPë
PiP·P°C" PjPsPrC-PμB»).

*PŸC,PμPSPsP· CžC†C,Cḡ P°PsCḡC,Pë P°P±Ps PjC-C,CḡP°P»CHPSPsPiPs PeP»P°PiP°PSP°;
PsP±C†C,CḡCžPeC,PëPiPSP° PiC-PiPμCḡC,CḡPsC,,C-C‡PSP° PeP°CḡPrC-PsPjC-PsPiP°C,C-Cḡ*

PJ P·PIBTM C_{II}P·PeC_r P· PSP°C_{II}PIPSC-C_rC, C_H PI C_rP_eP»P°PrC- PiC_HP_uPiP°C_HP°C, C_r
P_YP_uPIC-PeP°C_H P°PjP»PsPrP_ePiC-PSC_r, C_{II}P_e C- C°%PsPrPs C_rC_rC-C...
C_rC_rPrP_ePSPsC_HPsP·C_eP_eC_HC_HPIP°P»CH_uPSP_eC... P·P°C_rPsP±C-PI,
C_HP_uPePsPjP_uPSP_rC_rC°C, CH_uC_rC_{II} PrPsC, C_HP_ePjC_rPIP°C, P_eC_rC_{II} PsC_rPsP±P»P_ePIPsC—
PsP±P_uC_HP_uP_{II}PSPsC_rC, C- PiC_HP_e PiC_HP_eP·PSP°C±P_uPSPSC- PiP°C_rC-C°PSC, P°Pj P·C-
C_rC, P_uPSPsP·PsPj C_rC_rC, C_{II} P°PsC_HC, P_e P°P±Ps PjC-C, C_HP°P»CH_uPSPsPiPs PeP»P°PiP°PSP°
P°P±Ps PsP±C_rC, C_HC_rPeC, P_ePIPSPsC_H PiC-PiP_uC_HC, C_HPsC,, C-C±PSPsC_H
PeP°C_HPrC-PsPjC-PsPiP°C, C-C°C_H.

P_uP_uC_HPIP_ePSPSP_ePN_e P°P»CH_uPrPsC_rC, P_uC_HPsPSC-P·Pj

P_uP°C_rC-C°PSC, P_e P· PiP_uC_HPIP_ePSPSP_ePj P°P»CH_uPrPsC_rC, P_uC_HPsPSC-P·PjPsPj
P·P°P·PIP_eC±P°PN_e PSP_u C_HP_uP°PiC_rC_HC, CH_u PSP° PiC-PiPsC, P_uPSP·P_ePIPSC-
PiC_HP_uPiP°C_HP°C, P_e, C°%Ps PiC_HP_ePiPSC-C±C_rC_HC, CH_u C_HP_uPSC-PS-
P°PSPiC-PsC, P_uPSP·P_ePSPsPIC_r C_rP_eC_rC, P_uPjC_r. P_YPsPjC_r P·P°C_rC, PsC_rC_rPIP°PSPSC_{II}
P_YP_uPIC-PeP°C_HC_r PSP_u C_HP_uPePsPjP_uPSP_rPsPIP°PSPs C, P°PeP_ePj PiP°C_rC-C°PSC, P°Pj.

P_YP_uC_HC_rP_uPIP° PSP_uPrPsC_rC, P°C, PSC-C_rC, CH_u

PJ P·PIBTM C_{II}P·PeC_r P· PiC_HP_ePiPSC-C±P_uPSPSC_{II}Pj P°PSPiC-PsC, P_uPSP·P_ePS-
P°P»CH_uPrPsC_rC, P_uC_HPsPSPsPIPsC— C_rP_eC_rC, P_uPjP_e PjPsP_{II}P»P_ePIP_u PiPsC_HC_rC_eP_uPSPSC_{II}
C,, C_rPSPeC_rC-C— PSP_eC_HPsPe C_r C_rC...P_eP»CH_uPSP_eC... PrPs C_rCH_uPsPiPs PiP°C_rC-C°PSC, C-PI.
PJ PiP°C_rC-C°PSC, C-PI P· C, C_{II}P_{II}PePsC_H C_rP_uC_HC_rP_uPIPsC_H PSP_uPrPsC_rC, P°C, PSC-C_rC, C_H,
C_r C_{II}PeP_eC... PjPsP_{II}P»P_ePIP° P·P°P»P_uP_{II}PSC-C_rC, CH_u PSP_eC_HPePsPIPsC— C,, C_rPSPeC_rC-C—
PIC-Pr P°PeC, P_ePIPSPsC_rC, C- C_HP_uPSC-PS-P°PSPiC-PsC, P_uPSP·P_ePS-
P°P»CH_uPrPsC_rC, P_uC_HPsPSPsPIPsC— C_rP_eC_rC, P_uPjP_e, P»C-PeC_rPIP°PSPSC_{II}
C-PSPiC-P±C-C, PsC_HP°PjP_e P°PSPiC-PsC, P_uPSP·P_ePSPiP_uC_HP_uC, PIPsC_HC_HPIP°P»CH_uPSPsPiPs
C,, P_uC_HPjP_uPSC, C_r (P_HP_uα) C- P°PSC, P°PiPsPSC-C_rC, P°PjP_e C_HP_uC_rP_uPiC, PsC_HC-PI
P°PSPiC-PsC, P_uPSP·P_ePSC_r PjPsP_{II}P_u C_rC_rPiC_HPsPIPsPrP_{II}C_rPIP°C, P_eC_rC_{II}
PsP»C-PiC_rC_HC-C°C_H C-/P°P±Ps PiC_HPsPiC_HP_uC_rC_rC_HC±PsC_H P°P·PsC, P_uPjC-C°C_H C-
(C_HC-PrPePs) PiPsC_rC, C_HPsC_H PSP_eC_HPePsPIPsC_H PSP_uPrPsC_rC, P°C, PSC-C_rC, C_H C, P°/P°P±Ps
C_rPjP_uC_HC, C_H.

P_uP°C_rC-C°PSC, P°Pj C-P· C_rP_uC_HC_rP_uPIPsC_H PSP_uPrPsC_rC, P°C, PSC-C_rC, C_H C, P_uC_HP°PiC-C_H
C_rP»C-Pr PiC_HPsPIPsPrP_eC, P_e P· PsP±P_uC_HP_uP_{II}PSC-C_rC, C_H. PJ
PrPsPIPiPsC_rC, C_HPsPePsPIPsPjC_r PiP»P°C_rP_uP±Ps-PePsPSC, C_HPsP»CH_uPsPIP°PSPsPjC_r
PrPsC_rP»C-PrP_{II}P_uPSPSC- P°PjP»PsPrP_ePiC-PSC_r C_r PiP°C_rC-C°PSC, C-PI P· C, C_{II}P_{II}PePsC_H
C_rP_uC_HC_rP_uPIPsC_H PSP_uPrPsC_rC, P°C, PSC-C_rC, C_H (NYHA III C- IV) PeC-P»CH_uPeC-C_rC, CH_u
PiPsPIC-PrPsPjP»P_uPSC_H PiC_HPs C_HPsP·PIP_eC, PsPe PSP°P±C_HC_{II}PeC_r P»P_uPiP_uPSC-PI C_r
PiC_HC_rPiC- P°PjP»PsPrP_ePiC-PSC_r P±C_rP»P° P±C-P»CH_uC_ePsC_H PI PiPsC_HC-PIPSC_{II}PSPSC- P·
PiC_HC_rPiPsC_H PiP»P°C_rP_uP±Ps (PrP_ePI. C_HPsP·PrC-P» B«PαP°C_HPjP°PePsPrP_ePSP°PjC-PeP°B»).
P°P»PsPeP°C, PsC_HP_e PeP°P»CH_uC_rC-C°PIP_eC... PeP°PSP°P»C-PI, PIPeP»C_HC±P°C_HC±P_e
P°PjP»PsPrP_ePiC-PS, C_rP»C-Pr P· PsP±P_uC_HP_uP_{II}PSC-C_rC, C_H P·P°C_rC, PsC_rPsPIC_rPIP°C, P_e
PiP°C_rC-C°PSC, P°Pj C-P· P·P°C_rC, C-PN_ePSPsC_H C_rP_uC_HC_rP_uPIPsC_H
PSP_uPrPsC_rC, P°C, PSC-C_rC, C_H, PsC_rPeC-P»CH_uPeP_e C_rC- PiC_HP_uPiP°C_HP°C, P_e PjPsP_{II}C_rC, CH_u
PiC-PrPIP_eC°%C_rPIP°C, P_e C_HP_eP·P_ePe PIP_ePSP_ePePSP_uPSPSC_{II} C_{II}PIP_eC°% P· P±PsPeC_r
C_rP_uC_HC_rP_uPIPs-C_rC_rPrP_ePSPSPsC— C_rP_eC_rC, P_uPjP_e PI PjP°PN_eP±C_rC, PSC_HPsPjC_r C-
C_rPjP_uC_HC, PSC-C_rC, CH_u.

P_YPiC_HC_e-PiPsPrC-P±PSP° P_uPSC, P_uC_HPsPiP°C, C-C_{II}

PJ PrC_rP_{II}P_u C_HC-PrPeC-C_rPSP_eC... PIP_ePiP°PrPeP°C... PiPsPIC-PrPsPjP»C_{II}P»P_e PiC_HPs

C, CIP¶PeCf C...C7PsPSC-C7PSCf PrC-P°C7PµC7 P·C- P·PSP°C7PSPsC7
 PIC,C7P°C,PsC7 PjP°CfPë C,C-P»P°, C%Ps C7PsP·PIPëP»P°CfC7 C7PµC7PµP·
 PeC-P»CHPeP° PjC-CfC7C7C-PI P°P±Ps C7PsPeC-PI PïC-CfP»C7 PïPsC7P°C,PeCf
 P»C-PeCfPIP°PSPSC7 C7 PïP°C7C-C"PSC,C-PI, C7PeC- PïC7PëPNëPjP°P»Pë
 PsP»PjPµCfP°C7C,P°PS; PïC7PëC7PëPSPsC7 C—C— PIPëPSPëPePSPµPSPSC7 C",
 C-PjPsPIC-C7PSPs, PjC-CfC7PµPIP° PIC-PrCfC,C7PsC7PµPSP° C7PµP°PeC7C-C7
 PïC-PïPµC7C7C7C,P»PëPIPsCfC,C-. P PµP·CfP»CHC,P°C,Pë P±C-PsPïCfC-C—
 CfP»PëP·PsPIPsC— PsP±PsP»PsPSPePë PePëCëPµC7PSPëPeCf C7 C,P°PePëC...
 PïP°C7C-C"PSC,C-PI C7P°CfC,Ps PrPµPjPsPSCfC,C7CfPIP°P»Pë P°C,C7PsC,,C-C7
 PePëCëPePsPIPëC... PIPsC7CfPëPSPsPe. PïPeC%Ps C,P°PeC- CfPëPjPïC,PsPjPë
 PIPëPSPëPeP°C7C,CH C7 PïP°C7C-C"PSC,P° PïC-Pr C7P°Cf P»C-PeCfPIP°PSPSC7
 PsP»PjPµCfP°C7C,P°PSPsPj C,P° P·P° PIC-PrCfC7C,PSPsCfC,C- C-PSCëPëC...
 C7PIPSPëC... PïC7PëC7PëPS, CfP»C-Pr PSPµPIP°PNëPSPs PIC-PrPjC-PSPëC,Pë
 P·P°CfC,PsCfC7PIP°PSPSC7 PsP»PjPµCfP°C7C,P°PSCf C,P° PSPµ
 C7PsP·PïPsC7PëPSP°C,Pë PNëPsPïPs PïC7PëPNëPsPj P·PSPsPICf. PïPeC%Ps
 PrC-P°C7PµC7 PSPµ PjPëPSP°C" PïC7PsC,C7PiPsPj C,PëP¶PSC7 PïC-CfP»C7
 PIC-PrPjC-PSPë PïC7PµPïP°C7P°C,Cf, CfP»C-Pr C7PsP·PiP»C7PSCfC,Pë
 PSPµPsP±C...C-PrPSC-CfC,CH PePsPSCfC7P»CHC,P°C7C-C— C7
 PIC-PrPïPsPIC-PrPSPsPiPs CfPïPµC7C-P°P»C-CfC,P° (PSP°PïC7PëPeP»P°Pr
 PïP°CfC,C7PsPµPSC,PµC7PsP»PsPiP°).

P7PSPiC-PsPSPµPIC7PsC,PëC7PSPëPNë PSP°P±C7C7Pe PePëCëPµC7PSPëPeCé

PµPsPIC-PrPsPjP»C7P»PsCfC7 PïC7Ps PIPëPïP°PrPePë
 P°PSPiC-PsPSPµPIC7PsC,PëC7PSPsPiPs PSP°P±C7C7PeCf PePëCëPµC7PSPëPeCf C7
 PïP°C7C-C"PSC,C-PI, C7PeC- P·P°CfC,PsCfPsPICfPIP°P»Pë P±P»PsPeP°C,PsC7Pë
 C7PµC7PµPïC,PsC7C-PI P°PSPiC-PsC,PµPSP·PëPSCf II, PIPeP»CHC7P°C7C7Pë
 PsP»PjPµCfP°C7C,P°PS (PrPëPI. C7PsP·PrC-P» B«PµPsP±C-C7PSC- C7PµP°PeC7C-C—B»). Pj
 C7PëC... PïP°C7C-C"PSC,C-PI CfPiPsCfC,PµC7C-PiP°P»PëCfC7 P±C-P»CH C7 P¶PëPIPsC,C-,
 PSCfPrPsC,P°, P±P»CHPIP°PSPSC7 C,P° PrC-P°C7PµC7. PÿPëPjPïC,PsPjPë PjPëPSP°P»Pë
 PïC-CfP»C7 PIC-PrPjC-PSPë P±P»PsPeP°C,PsC7C-PI C7PµC7PµPïC,PsC7C-PI
 P°PSPiC-PsC,PµPSP·PëPSCf P7P7. PïPeC%Ps PrC-P°PiPSPsCfC,PsPIP°PSPs
 P°PSPiC-PsPSPµPIC7PsC,PëC7PSPëPNë PSP°P±C7C7Pe PePëCëPµC7PSPëPeCf, CfP»C-Pr
 PïC7PëPiPëPSPëC,Pë P·P°CfC,PsCfC7PIP°PSPSC7 PsP»PjPµCfP°C7C,P°PSCf C,P°
 C7PsP·PïPsC7P°C,Pë PIC-PrPïPsPIC-PrPSPëPNë PjPsPSC-C,PsC7PëPSPi PrPs
 PïPsPIPSPsPiPs P·PSPëPePSPµPSPSC7 CfPëPjPïC,PsPjC-PI.

P·C,PSC-C7PSC- PIC-PrPjC-PSPSPsCfC,C-

PïPe C- C7 P7P·C- P·P°CfC,PsCfC7PIP°PSPSC7 C-PSCëPëC... P°PSC,P°PiPsPSC-CfC,C-PI
 C7PµC7PµPïC,PsC7C-PI P°PSPiC-PsC,PµPSP·PëPSCf II, PïC-PïPsC,PµPSP·PëPIPSPëPNë
 PµC,,PµPeC, PïC7PµPïP°C7P°C,C7 PÿPµPIC-PeP°C7 C7 PïC7PµPrCfC,P°PIPSPëPeC-PI
 PSPµPiC7PsC—PrPSPsC— C7P°CfPë PjPsP¶Pµ P±CfC,Pë PrPµC%Ps PjPµPSCëPëPj, PSC-P¶ C7
 C-PSCëPëC... PïP°C7C-C"PSC,C-PI, PjPsP¶P»PëPIPs, PIPSP°CfP»C-PrPsPe P±C-P»CHCëPsC—
 PïPsCëPëC7PµPSPsCfC,C- PSPëP·CHPePsPiPs C7C-PIPSC7 C7PµPSC-PSCf PI C7C-PNë
 PïPsPïCfP»C7C7C—.

PµP°C7C-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCé

$P_{\mu}C-PrPIP\ddot{e}C\%C_rPIP^{\circ}C, P\ddot{e} PrPsP\cdot C_r P\ddot{e}C_{\mu}P\ddot{e}P^{\circ}C_{\mu}P^{\circ}C, C_r P\ddot{e}C_{\mu}P\ddot{e} P\gg C-PeC_rPIP^{\circ}PSPSC-$
 $P\ddot{e}P^{\circ}C_{\mu}C-C''PSC, C-PI P\gg C-C, PSC_{\mu}PsPiPs PIC-PeC_r C_rP\gg C-Pr P\cdot PsP\pm P_{\mu}C_{\mu}P\ddot{e}PSC-C_rC, C_{\mu}$
 $(PrP\ddot{e}PI. C_{\mu}PsP\cdot PrC-P\gg B\ll P\alpha P^{\circ}C_{\mu}PjP^{\circ}PePsPeC-PSP_{\mu}C, P\ddot{e}PeP^{\circ}B\gg).$

$P'P^{\circ}PiC-C, PSC-C_rC, C_{\mu}$

$P_{\mu}PSC, P^{\circ}PiPsPSC-C_rC, P\ddot{e} C_{\mu}P_{\mu}C_{\mu}P_{\mu}P\ddot{e}C, PsC_{\mu}C-PI P^{\circ}PSPiC-PsC, P_{\mu}PSP\cdot P\ddot{e}PSC_r P_{\mu}P_{\mu}$
 $P\ddot{e}C_{\mu}PsC, P\ddot{e}PiPsPeP^{\circ}P\cdot P^{\circ}PSC- P\ddot{e}C-Pr C_{\mu}P^{\circ}C_r PIP^{\circ}PiC-C, PSPsC_rC, C-.$

$P\ddot{e}PeC\%Ps P\ddot{e}C_{\mu}PsPrPsPIP\ddot{e}P_{\mu}PSPSC_{\mu} P\ddot{e}C-P\ddot{e}PsC, P_{\mu}PSP\cdot P\ddot{e}PIPSPsC- C, P_{\mu}C_{\mu}P^{\circ}P\ddot{e}C-C-$
 $PIPIP^{\circ}P\ddot{e}P^{\circ}C, C_{\mu}C_rC_{\mu} PSP_{\mu}PsP\pm C...C-PrPSP\ddot{e}Pj, C_r P\ddot{e}P^{\circ}C_{\mu}C-C''PSC, PsPe, C_{\mu}PeC-$
 $P\ddot{e}P\gg P^{\circ}PSC_rC_{\mu}C, C_{\mu} PIP^{\circ}PiC-C, PSC-C_rC, C_{\mu}, C_rP\gg C-Pr P\cdot PjC-PSP\ddot{e}C, P\ddot{e}$
 $P^{\circ}PSC, P^{\circ}PiPsPSC-C_rC, P\ddot{e} C_{\mu}P_{\mu}C_{\mu}P_{\mu}P\ddot{e}C, PsC_{\mu}C-PI P^{\circ}PSPiC-PsC, P_{\mu}PSP\cdot P\ddot{e}PSC_r P_{\mu}P_{\mu} PSP^{\circ}$
 $P^{\circ}P\gg C_{\mu}C, P_{\mu}C_{\mu}PSP^{\circ}C, P\ddot{e}PIPSC_r P^{\circ}PSC, P\ddot{e}PiC-P\ddot{e}P_{\mu}C_{\mu}C, P_{\mu}PSP\cdot P\ddot{e}PIPSC_r$
 $C, P_{\mu}C_{\mu}P^{\circ}P\ddot{e}C-C_{\mu}, C_{\mu}PeP^{\circ} PjP^{\circ}C'' PrPsPIP_{\mu}PrP_{\mu}PSP\ddot{e}P_{\mu} P\ddot{e}C_{\mu}PsC,, C-P\gg C_{\mu}$
 $P\pm P_{\mu}P\cdot P\ddot{e}P_{\mu}PeP\ddot{e} PrP\gg C_{\mu} P\cdot P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC_{\mu} PIP^{\circ}PiC-C, PSP\ddot{e}PjP\ddot{e}. P\ddot{e}PeC\%Ps$
 $PIP^{\circ}PiC-C, PSC-C_rC, C_{\mu} PrC-P^{\circ}PiPSPsC_rC, PsPIP^{\circ}PSPs, P\gg C-PeC_rPIP^{\circ}PSPSC_{\mu}$
 $P^{\circ}PSC, P^{\circ}PiPsPSC-C_rC, P^{\circ}PjP\ddot{e} C_{\mu}P_{\mu}C_{\mu}P_{\mu}P\ddot{e}C, PsC_{\mu}C-PI P^{\circ}PSPiC-PsC, P_{\mu}PSP\cdot P\ddot{e}PSC_r P_{\mu}P_{\mu}$
 $C_rP\gg C-Pr PSP_{\mu}PiP^{\circ}P_{\mu}PSPs P\ddot{e}C_{\mu}P\ddot{e}P\ddot{e}PSP\ddot{e}C, P\ddot{e} C- PI C_{\mu}P^{\circ}P\cdot C- P\ddot{e}PsC, C_{\mu}P_{\mu}P\pm P\ddot{e}$
 $C_{\mu}PsP\cdot P\ddot{e}PsC_{\mu}P^{\circ}C, P\ddot{e} P^{\circ}P\gg C_{\mu}C, P_{\mu}C_{\mu}PSP^{\circ}C, P\ddot{e}PIPSC_r C, P_{\mu}C_{\mu}P^{\circ}P\ddot{e}C-C_{\mu} (PrP\ddot{e}PI.$
 $C_{\mu}PsP\cdot PrC-P\gg P\ddot{e} B\ll P_{\mu}C_{\mu}PsC, P\ddot{e}PiPsPeP^{\circ}P\cdot P^{\circ}PSPSC_{\mu}B\gg, B\ll P-P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC_{\mu}$
 $C_r P\ddot{e}P_{\mu}C_{\mu}C-PsPr PIP^{\circ}PiC-C, PSPsC_rC, C- P^{\circ}P\pm Ps PiPsPrC_rPIP^{\circ}PSPSC_{\mu}$
 $P\ddot{e}C_rC_rPrPrC_{\mu}B\gg).$

$P_{\mu}PSC\epsilon P_{\mu}$

$P\ddot{e}Pe C- P\ddot{e}C_{\mu}P\ddot{e} P\cdot P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC- P\pm C_rPrC_{\mu}C_{\mu}PeP\ddot{e}C...$
 $P\ddot{e}C-P\ddot{e}PsC, P_{\mu}PSP\cdot P\ddot{e}PIPSP\ddot{e}C... P\cdot P^{\circ}C_rPsP\pm C-PI, PSP^{\circ}PrPjC-C_{\mu}PSP_{\mu} P\cdot PSP\ddot{e}P\ddot{e}P_{\mu}PSPSC_{\mu}$
 $P^{\circ}C_{\mu}C, P_{\mu}C_{\mu}C-P^{\circ}P\gg C_{\mu}PSPsPiPs C, P\ddot{e}C_rPeC_r C_r P\ddot{e}P^{\circ}C_{\mu}C-C''PSC, C-PI P\cdot C-C\epsilon P_{\mu}PjC-C_{\mu}PSPsC_{\mu}$
 $C...PIP\ddot{e}C_{\mu}PsP\pm PsC_{\mu} C_rP_{\mu}C_{\mu}C_{\mu}P^{\circ}P\pm Ps P\cdot P\ddot{e}PsC_{\mu}C_rC\epsilon P_{\mu}PSPSC_{\mu}Pj PjPsP\cdot PePsPiPsPiPs$
 $PeC_{\mu}PsPiPsPsP\pm C-PiC_r PjPsP\ddot{e}P_{\mu} P\ddot{e}C_{\mu}P\ddot{e}P\cdot PIP_{\mu}C_rC, P\ddot{e} PrPs C-PSC,, P^{\circ}C_{\mu}PeC, C_r$
 $PjC-PsPeP^{\circ}C_{\mu}PrP^{\circ} P^{\circ}P\pm Ps C-PSC_rC_rP\gg C_{\mu}C, C_r.$

$P_{\mu}C_{\mu}P_{\mu}P\ddot{e}P^{\circ}C_{\mu}P^{\circ}C, P\ddot{e}P_{\mu}PIC-PeP^{\circ}C_{\mu} PjC-C_rC, P\ddot{e}C, C_{\mu} PjP_{\mu}PSC\epsilon P_{\mu} 1 PjPjPsP\gg C_{\mu} PSP^{\circ}C, C_{\mu}C-C_{\mu}$
 $(23 PjPi) PSP^{\circ} PsPrPSC_r C, P^{\circ}P\pm P\gg P_{\mu}C, PeC_r, P\ddot{e}C_{\mu}P\ddot{e}C, C_r P\ddot{e}P\gg C-P\ddot{e}PsPiPsC_{\mu}$
 $PsP\pm PsP\gg PsPSPePsC_{\mu}, PsC, P\ddot{e}P_{\mu} PIPIP^{\circ}P\ddot{e}P^{\circ}C, C_{\mu}C_rC_{\mu} P\ddot{e}C_{\mu}P^{\circ}PeC, P\ddot{e}C_{\mu}PSPs$
 $PIC-P\gg C_{\mu}PSP\ddot{e}Pj PIC-Pr PSP^{\circ}C, C_{\mu}C-C_{\mu}.$

$P-P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC_{\mu} C_{\mu} P\ddot{e}P_{\mu}C_{\mu}C-PsPr PIP^{\circ}PiC-C, PSPsC_rC, C- P^{\circ}P\pm Ps$
 $PiPsPrC_rPIP^{\circ}PSPSC_{\mu} P\ddot{e}C_{\mu}C_rPrPrC_{\mu}.$

$P_{\mu}C_{\mu}P_{\mu}P\ddot{e}P^{\circ}C_{\mu}P^{\circ}C, P\ddot{e}P_{\mu}PIC-PeP^{\circ}C_{\mu} P\ddot{e}C_{\mu}PsC, P\ddot{e}PiPsPeP^{\circ}P\cdot P^{\circ}PSP\ddot{e}P_{\mu} PIP^{\circ}PiC-C, PSP\ddot{e}Pj P^{\circ}P\pm Ps$
 $P\ddot{e}C-PSPeP^{\circ}Pj, C_{\mu}PeC- P\ddot{e}P\gg P^{\circ}PSC_rC_{\mu}C, C_{\mu} PIP^{\circ}PiC-C, PSC-C_rC, C_{\mu} (PrP\ddot{e}PI. C_{\mu}PsP\cdot PrC-P\gg P\ddot{e}$
 $B\ll P_{\mu}C_{\mu}PsC, P\ddot{e}PiPsPeP^{\circ}P\cdot P^{\circ}PSPSC_{\mu}B\gg, B\ll P_{\mu}C_rPsP\pm P\gg P\ddot{e}PiPsC_rC, C-$
 $P\cdot P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC_{\mu}B\gg).$

$P'P^{\circ}PiC-C, PSC-C_rC, C_{\mu}$

$P''P^{\circ}PSC- P\ddot{e}C_{\mu}Ps P\cdot P^{\circ}C_rC, PsC_rC_rPIP^{\circ}PSPSC_{\mu} P\ddot{e}C_{\mu}P_{\mu}P\ddot{e}P^{\circ}C_{\mu}P^{\circ}C, C_r P\ddot{e}P_{\mu}PIC-PeP^{\circ}C_{\mu}$
 $PIP^{\circ}PiC-C, PSP\ddot{e}Pj P\ddot{e}C-PSPeP^{\circ}Pj PIC-PrC_rC_rC, PSC-. P''PsC_rP\gg C-PrP\ddot{e}P_{\mu}PSPSC_{\mu}$
 $C, PsPeC_rP\ddot{e}C_{\mu}PSPsC_rC, C- P\ddot{e}P_{\mu}PIC-PeP^{\circ}C_{\mu}C_r C\%PsPrPs$

PJ C₇P°P·C- PiC₇PëPN₂PsPjC₇ P°PSC,P°PiPsPSC-C₇C,C-PI C₇P_μC†P_μPiC,PsC₇C-PI P°PSPiC-PsC,P_μPSP·PëPSC₇ II PI PrC₇C₇PiPsPjC₇ P°P±Ps C,C₇P_μC,C₇PsPjC₇ C,C₇PëPjP_μC₇C,C₇C- PSP_μPsP±C...C-PrPSPëPN₂ PePsPSC,C₇PsP»C₇C,,C₇PSPeC†C-C— PSPëC₇PsPe C,P° PiC₇PsC†P_μC₇C₇ PsC₇PëC,,C-PeP°C†C-C— PeC-C₇C,PsPe C†P_μC₇P_μPiP° C₇ PiP»PsPrP° P·P° PrPsPiPsPjPsPiPsC₇ PJP—P". P—P° C₇C,P°PSPsPj PSPsPiPsPSP°C₇PsPrP¶P_μPSPëC..., PjP°C,P_μC₇C- C¶PePëC... PiC₇PëPN₂PjP°P»Pë P°PSC,P°PiPsPSC-C₇C,Pë C₇P_μC†P_μPiC,PsC₇C-PI P°PSPiC-PsC,P_μPSP·PëPSC₇ II, C₇P»C-Pr C₇PiPsC₇C,P_μC₇C-PiP°C,Pë C%₀PsPrPs PjPsP¶P»PëPiPsC— P°C₇C,P_μC₇C-P°P»C₇PsPSC— PiC-PiPsC,P_μPSP·C-C— (PrPëPI. C₇PsP·PrC-P»Pë B«P_μC₇PsC,PëPiPsPeP°P·P°PSPSC¶B», B«PhC₇PsP±P»PëPiPsC₇C,C- P·P°C₇C,PsC₇C₇PiP°PSPSC¶B»).

PḥPjP»PsPrPëPîC-PS (PrC-CHC‡P° CḥPµC‡PsPIPëPSP° PŸPµPIC-PeP°CḥCž)

P°P°PSC-, PsC,CḥPëPjP°PSC- PI C...PsPrC- CÍPîPsCÍC,PµCḥPµP¶PµPSCḤ P·P°
PsP±PjPµP¶PµPSPsCḥ PeC-P»CHḤPeC-CÍC,Cḥ PIP°PîC-C,PSPëC... P¶C-PSPsPe, PSPµ
PîPsPeP°P·P°P»Pë, C%Ps P°PjP»PsPrPëPîC-PS P°P±Ps C-PSC€C-
P°PSC,P°PîPsPSC-CÍC,Pë PeP°P»CHC†C-C°PIPëC... CḥPµC†PµPîC,PsCḥC-PI
CÍPîCḥPëC‡PëPSCḤCḥC,CH C€PeC-PrP»PëPIPëPNë PIPîP»PëPI PSP°
P·PrPsCḥPsPIḅḥ™ CḤ PîP»PsPrP°. PḥPrPSP°Pe PîCḥPë C†CHḤPsPjCÍ C° CḥPëP·PëPe
PîPsPrPsPIP¶PµPSPSCḤ C,CḥPëPIP°P»PsCÍC,C- PîPsP»PsPîC-PI.

P°PsPrCžPIP°PSPSCḤ PîCḥCžPrPrCḥ

PḥP»PjPµCÍP°CḥC,P°PS PIPëPrC-P»CḤC°C,CHCÍCḤ PI PjPsP»PsPePs
P»P°PeC,CÍCḥC‡PëC... C%CrCḥC-PI. PḶPµPIC-PrPsPjPs, C‡Pë PîCḥPsPSPëPeP°C°
PsP»PjPµCÍP°CḥC,P°PS CÍ PîCḥCÍPrPSPµ PjPsP»PsPePs CÍ P¶C-PSPsPe.
PḥPjP»PsPrPëPîC-PS PµPeCÍPeCḥPµC,CÍC°C,CHCÍCḤ PI PîCḥCÍPrPSPµ PjPsP»PsPePs
P»CḥPrPëPSPë. PḥP°CÍC,PeCÍ PjP°C,PµCḥPëPSCÍCHḤPePsC— PrPsP·Pë,
PsC,CḥPëPjP°PSPsC— PSPµPjPsPIP»CḤPj, P±CÍP»Ps PsC†C-PSPµPSPs P·P°
PjC-P¶PePIP°CḥC,PëP»CHḤPSPëPj PrC-P°PîP°P·PsPSPsPj 3–7 % P· PjP°PeCÍPëPjCÍPjPsPj
15 %. P°PîP»PëPI P°PjP»PsPrPëPîC-PSCÍ PSP° PsCḥPîP°PSC-P·Pj PSPµPjPsPIP»CḤC,Pë
PSPµPIC-PrPsPjPëPNë.

PµC-Pr C‡P°CÍ PîPsPrCÍPIP°PSPSCḤ PîCḥCÍPrPrCḥ P·P°CÍC,PsCÍCÍPIP°PSPSCḤ
PîCḥPµPîP°CḥP°C,CÍ PŸPµPIC-PeP°Cḥ PSPµ CḥPµPePsPjPµPSPrCÍC°C,CHCÍCḤ C,P°
PSP°PrP°C°C,CHCÍCḤ PîPµCḥPµPIP°PîP° P°P»CHḤC,PµCḥPSP°C,PëPIPSPëPj
C,PµCḥP°PîC-CḤPj C-P· PeCḥP°C%Pµ PrPsPIPµPrPµPSPëPj PîCḥPsC„C-P»PµPj
P±PµP·PîPµPePë PîC-Pr C‡P°CÍ PîPsPrCÍPIP°PSPSCḤ PîCḥCÍPrPrCḥ, PsCÍPsP±P»PëPIPs
PîC-Pr C‡P°CÍ PîPsPrCÍPIP°PSPSCḤ PîCḥCÍPrPrCḥ PSPsPIPsPSP°CḥPsPrP¶PµPSPëC...
C,P° PSPµPrPsPSPsC€PµPSPëC... PSPµPjPsPIP»CḤC,.

PḶPµCḥC,PëP»CHḤPSC-CÍC,CH

PµPsPIC-PrPsPjP»CḤP»Pë PîCḥPs PIPëPîP°PrPePë, PePsP»Pë CÍ PrPµCḤPePëC...
PîP°C†C-C°PSC,C-PI, C%Ps PîCḥPëPNëPjP°CḥC,CH P±P»PsPeP°C,PsCḥPë
PeP°P»CHC†C-C°PIPëC... PeP°PSP°P»C-PI, PIPëPSPëPeP°P»Pë PsP±PsCḥPsC,PSC-
P±C-PsC...C-PjC-C‡PSC- P·PjC-PSPë PI PîPsP»PsPIC†C- CÍPîPµCḥPjP°C,PsP·PsC—PrP°.
PḶP»C-PSC-C‡PSPëC... PrP°PSPëC... C%PsPrPs PîPsC,PµPSC†C-PNëPSPsPîPs
PIPîP»PëPICÍ P°PjP»PsPrPëPîC-PSCÍ PSP° C„PµCḥC,PëP»CHḤPSC-CÍC,CH
PSPµPrPsCÍC,P°C,PSCḤPs. Pj PrPsCÍP»C-PrP¶PµPSPSC- PSP° C%CrCḥP°C... P±CÍP»Ps
PIPëCḤPIP»PµPSPs PSPµP±P°P¶P°PSCÍ PrC-Cḥ PSP° C„PµCḥC,PëP»CHḤPSC-CÍC,CH
CÍP°PjC†C-PI (PrPëPI. CḥPsP·PrC-P» B«P°PsPeP»C-PSC-C‡PSC- PrP°PSC- P·
P±PµP·PîPµPePëB»).

*P—PrP°C,PSC-CÍC,CH PIPîP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CH CḥPµP°PeC†C-C—
PîCḥPë PePµCḥCžPIP°PSPSC- P°PIC,PsC,CḥP°PSCÍPîPsCḥC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PŸPµPIC-PeP°Cḥ PjPsP¶Pµ PSPµP·PSP°C‡PSPs P°P±Ps PîPsPjC-CḥPSPs PIPîP»PëPIP°C,Pë PSP°
P·PrP°C,PSC-CÍC,CH PePµCḥCÍPIP°C,Pë C,CḥP°PSCÍPîPsCḥC,PSPëPjPë P·P°CÍPsP±P°PjPë C,P°

PsP±CÍP»CfPiPsPICfPIP°C,Pë C-PSC€C- PjPµC...P°PSC-P·PjPë.

P†PSPsPrC- CÍ PíP°C†C-C" PSC,C-PI, C%Ps PíCĤPëPNëPjP°CĤC,CH PíC-PíPsC,PµPSP·PëPIPSC-
P·P°CÍPsP±Pë, PjPsP¶CfC,CH CÍPíPsCÍC,PµCĤC-PíP°C,PëCÍCĬ PíPsP»PsPIPSC- P±PsP»C-,
P·P°PíP°PjPsCĤPsC†PµPSPSCĬ, PSCfPrPsC,P° C- PíC-PrPIPëC%PµPSP°
CÍC,PSPjP»CĤPIP°PSC-CÍC,CH, PIPSP°CÍP»C-PrPsPe C†PsPiPs PjPsP¶Pµ
P·PSPëP¶CfPIP°C,PëCÍCĬ CĤPµP°PeC†C-CĬ. PŸP»C-Pr PrPsC,CĤPëPjCfPIP°C,PëCÍCĬ
PsP±PµCĤPµP¶PSPsCÍC,C-, PsCÍPsP±P»PëPIPs PSP° PíPsC†P°C,PeCf P»C-PeCfPIP°PSPSCĬ.

PŸPíPsCÍC-P± P·P°CÍC,PsCÍCžPIP°PSPSCĬ C,P° PrPsP·Pë.

P"PsCĤPsCÍP»C-

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PíCĤPµPíP°CĤP°C,Cf PŸPµPIC-PeP°CĤ -1
C,P°P±P»PµC,PeP° PSP° PrPsP±Cf.

PŸPµPIC-PeP°CĤ, 20 PjPi/5 PjPi, PjPsP¶PSP° PíCĤPëP·PSP°C†P°C,Pë PíP°C†C-C" PSC,P°Pj P·
PSPµPrPsCÍC,P°C,PSCHPsCĤ CĤPµP°PeC†C-C"Ĥ PsCĤPíP°PSC-P·PjCf PSP°
PjPsPSPsC,PµCĤP°PíC-CĤ PsP»PjPµCÍP°CĤC,P°PSCf PjPµPrPsPeCÍPsPjC-P»PsPj Pí PrPsP·C-
20 PjPi P°P±Ps P°PjP»PsPrPëPíC-PSPsPj Pí PrPsP·C- 5 PjPi.

PŸPµPIC-PeP°CĤ, 40 PjPi/5 PjPi, PjPsP¶PSP° PíCĤPëP·PSP°C†P°C,Pë PíP°C†C-C" PSC,P°Pj P·
PSPµPrPsCÍC,P°C,PSCHPsCĤ CĤPµP°PeC†C-C"Ĥ PsCĤPíP°PSC-P·PjCf PSP° C,PµCĤP°PíC-CĤ
PíCĤPµPíP°CĤP°C,PsPj PŸPµPIC-PeP°CĤ, 20 PjPi/5 PjPi.

PŸPµPIC-PeP°CĤ, 40 PjPi/10 PjPi, PjPsP¶PSP° PíCĤPëP·PSP°C†P°C,Pë PíP°C†C-C" PSC,P°Pj P·
PSPµPrPsCÍC,P°C,PSCHPsCĤ CĤPµP°PeC†C-C"Ĥ PsCĤPíP°PSC-P·PjCf PSP° C,PµCĤP°PíC-CĤ
PíCĤPµPíP°CĤP°C,PsPj PŸPµPIC-PeP°CĤ, 40 PjPi/5 PjPi.

P"Ps PíCĤPëP·PSP°C†PµPSPSCĬ PePsPjP±C-PSPsPIP°PSPsPiPs PíCĤPµPíP°CĤP°C,Cf P·
C,,C-PeCÍPsPIP°PSPëPjPë PrPsP·P°PjPë P°PeC,PëPIPSPëC... PePsPjPíPsPSPµPSC,C-PI
CĤPµPePsPjPµPSPPrCfC",CHCÍCĬ PíPsPµC,P°PíPSPëPNë PíC-PrP±C-CĤ PrPsP· C†PëC...
PePsPjPíPsPSPµPSC,C-PI CĬPe PjPsPSPsPíCĤPµPíP°CĤP°C,C-PI. Pj CĤP°P·C-
PSPµPsP±C...C-PrPSPsCÍC,C- PjPsP¶P»PëPIP° PíCĤCĬPjP° P·P°PjC-PSP°
PjPsPSPsPíCĤPµPíP°CĤP°C,C-PI PSP° PePsPjP±C-PSPsPIP°PSPëPNë PíCĤPµPíP°CĤP°C,,.

P"P»CĬ P·CĤCfC†PSPsCÍC,C- PíP°C†C-C" PSC,Pë, CĬPeC- PsC,CĤPëPjCfCĤC,CH
PsP»PjPµCÍP°CĤC,P°PSCf PjPµPrPsPeCÍPsPjC-P» C- P°PjP»PsPrPëPíC-PS CÍ PIPëPíP»CĬPrC-
PsPeCĤPµPjPëC... C,P°P±P»PµC,PsPe, PjPsP¶CfC,CH P±CfC,Pë PíPµCĤPµPIPµPrPµPSC- PSP°
C,P°P±P»PµC,PePë PŸPµPIC-PeP°CĤ, C%Ps PjC-CÍC,CĬC,CH C†C- PePsPjPíPsPSPµPSC,Pë Pí
P°PSP°P»PsPíC-C†PSPëC... PrPsP·P°C....

PµCĤPµPíP°CĤP°C, PŸPµPIC-PeP°CĤ PjPsP¶PSP° PíCĤPëPNëPjP°C,Pë PSPµP·P°P»PµP¶PSPs
PIC-Pr PíCĤPëPNëPsPjCf C-P¶C-.

PµP°C†C-C" PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCž (PIC-PePsPj PIC-Pr 65 CĤPsPeC-PI)

PíPe PíCĤP°PIPëP»Ps, PrP»CĬ PíP°C†C-C" PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf PSPµ
PíPsC,CĤC-P±PSP° P·PjC-PSP° CĤPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë PíCĤPµPíP°CĤP°C,Cf,
PíCĤPsC,Pµ PíC-PrPIPëC%CfPIP°C,Pë PrPsP·Cf PíCĤPµPíP°CĤP°C,Cf CÍP»C-Pr P·
PsP±PµCĤPµP¶PSC-CÍC,CĤ (PrPëPI. CĤPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C-

PīPe C- PiCḡPē P·P°CíC,PsCíCíPIP°PSPSC- C-PSCēPēC... P°PSC,P°PiPsPSC-CíC,C-PI
 PeP°P»CHC†C-Cḡ, Cí PiP°C†C-C°PSC,C-PI P· PrPēCíC,,CíPSPeC†C-C°Cḡ PiPμC†C-PSPePē
 PiPsPrPsPIP¶CíC°C,CHCíCḡ C‡P°Cí PSP°PiC-PIPIēPIPμPrPμPSPSCḡ P°PjP»PsPrPēPiC-PSCr;
 CḡPμPePsPjPμPSPPr°C†C-C— P· PrPsP·CíPIP°PSPSCḡ PSPμ PICíC,P°PSPsPIP»PμPSC-. PŷPsPjCí
 C,P°PePēPj PiP°C†C-C°PSC,P°Pj PiCḡPμPiP°CḡP°C, PŷPμPIC-PeP°Cḡ CíP»C-Pr
 PiCḡPēP·PSP°C‡P°C,Pē P· PsP±PμCḡPμP¶PSC-CíC,Cḡ. P‡P°CḡPjP°PePsPeC-PSPμC,PēPeP°
 P°PjP»PsPrPēPiC-PSCr Cí PiP°C†C-C°PSC,C-PI P· PiPsCḡCíCēPμPSPSCḡPj C,,CíPSPeC†C-C—

РiРµC±C-PSPePë C, CИP¶PePsPiPs CГC, CрРiРµPSCИ PSPµ PIPëPIC±PµPSP°. PµCГPëPNëPsPj P°PjP»PsPrPëPiC-PSCр PIP°C†C-C”PSC, P°Pj P· PiPsCГCрC€PµPSPSCИPj C,, CрPSPeC†C-C— PиРµC±C-PSPePë C, CИP¶PePsPiPs CГC, CрРiРµPSCИ CГP»C-Pr PiPsC±PëPSP°C, Pë P· PSP°PNëPSPëP¶C±PsC— PrPsP·Pë C- PiPsPIC-P»CHbPSPs C—C— PiC-PrPIPëC%oCрPIP°C, Pë. PŸPµPIC-PeP°CГ PiCГPsC, PëPiPsPeP°P·P°PSPëPNë PIP°C†C-C”PSC, P°Pj P· PiPsCГCрC€PµPSPSCИPj C,, CрPSPeC†C-C— PиРµC±C-PSPePë C, CИP¶PePsPiPs CГC, CрРiРµPSCИ (PrPëPI. CГPsP·PrC-P» B«PµCГPsC, PëPiPsPeP°P·P°PSPSCИБ»).

PŸPiPsCГC-P± P·P°CГC, PsCГC¿PIP°PSPSCИ

PŸP°P±P»PµC, PePë PiCГPsPePsPIC, CрCГC, CH C†C-P»PëPjPë, P·P°PiPëPIP°CГC±Pë PrPsCГC, P°C, PSCHbPsCГ PeC-P»CHbPeC-CГC, CГ CГC-PrPëPSPë (PSP°PiCГPëPeP»P°Pr CГPeP»CИPSPePsCГ PIPsPrPë). PŸP°P±P»PµC, PePë PSPµ CГP»C-Pr CГPsP·P¶PsPICрPIP°C, Pë. PµCГPµPiP°CГP°C, CГPµPePsPjPµPSPPrCрC”C, CHCГCИ PiCГPëPNëPjP°C, Pë C%oPsPrPSCИ PI PsPrPëPS C- C, PsPNë P¶Pµ C±P°CГ.

P”C-C, Pë.

P’PµP·PiPµPeP° C, P° PµC,, PµPeC, PëPIPSC-CГC, CH P·P°CГC, PsCГCрPIP°PSPSCИ PiCГPµPiP°CГP°C, Cр PŸPµPIC-PeP°CГ PrC-C, CИPj (PIC-PePsPj PrPs 18 CГPsPeC-PI) PSPµ PrPsCГP»C-PrP¶CрPIP°P»PëCГCH. P”P°PSC- PIC-PrCГCрC, PSC-.

PµPµCГPµPrPsP·C¿PIP°PSPSCИ.

PŸPëPjPiC, PsPjPë

P’PëPiP°PrPeC-PI PiPµCГPµPrPsP·CрPIP°PSPSCИ PiCГPµPiP°CГP°C, Cр PŸPµPIC-PeP°CГ PSPµ P·P°C,, C-PeCГPsPIP°PSPs. PкP°PNëP±C-P»CHbC€ PIC-CГPsPiC-PrPSPëPjPë PµC,, PµPeC, P°PjPë PiPµCГPµPrPsP·CрPIP°PSPSCИ PsP»PjPµCГP°CГC, P°PSCр PjPµPrPsPeCГPsPjC-P»Cр C” PiC-PiPsC, PµPSP·C-CИ C- C, P°C...C-PeP°CГPrC-CИ; C, P°PePsP¶ PjPsP¶Pµ CГPiPsCГC, PµCГC-PiP°C, PëCГCИ P±CГP°PrPëPeP°CГPrC-CИ PI CГP°P·C- PiP°CГP°CГPëPjPiP°C, PëC±PSPsC— CГC, PëPjCрP»CИC†C-C— (P±P»CрPeP°CГC±PsPiPs PSPµCГPIP°). PµPµCГPµPrPsP·CрPIP°PSPSCИ P°PjP»PsPrPëPiC-PSCр PjPsP¶Pµ PiCГPëP·PIPµCГC, Pë PrPs PSP°PrPjC-CГPSPsPiPs CГPsP·C€PëCГPµPSPSCИ PiPµCГPëC,, PµCГPëC±PSPëC... CГCрPrPëPS, C%oPs CГCрPiCГPsPiPsPrP¶CрC”C, CHCГCИ PIPëCГP°P¶PµPSPëPj P·PSPëP¶PµPSPSCИPj P°CГC, PµCГC-P°P»CHbPSPsPiPs C, PëCГPeCр, C-, PjPsP¶P»PëPIPs, PrPs CГPµC,, P»PµPeC, PsCГPSPsC— C, P°C...C-PeP°CГPrC-C—. P,, PiPsPIC-PrPsPjP»PµPSPSCИ PiCГPs C, CГPëPIP°P»Cр C, CИP¶PeCр PiPµPSPµCГP°P»C-P·PsPIP°PSCр PiC-PiPsC, PµPSP·C-CГ, P°P¶ PrPs C€PsPeCр C-P· P»PµC, P°P»CHbPSPëPj PSP°CГP»C-PrPePsPj.

P C-PrPePs PiPsPIC-PrPsPjP»CИC”C, CHCГCИ PiCГPs PSPµPeP°CГPrC-PsPiPµPSPSPëPNë PSP°P±CГCИPe P»PµPiPµPSCH CИPe PSP°CГP»C-PrPsPe PiPµCГPµPrPsP·CрPIP°PSPSCИ P°PjP»PsPrPëPiC-PSCр, C%oPs PjPsP¶Pµ PiCГPsCИPIP»CИC, PëCГCИ P· PIC-PrCГC, CГPsC±PµPSPëPj PiPsC±P°C, PePsPj (24БГ”48 PiPsPrPëPS PiC-CГP»CИ PiCГPëPNëPsPjCр) C, P° PiPsC, CГPµP±CрC” C€C, CрC±PSPsC— PIPµPSC, PëP»CИC†C-C— P»PµPiPµPSCH. P P°PSPSC- CГPµP°PSC-PjP°C†C-PNëPSC- P·P°C...PsPrPë (PIPeP»CГC±P°CГC±Pë PiPµCГPµPIP°PSC, P°P¶PµPSPSCИ CГC-PrPëPSPsCГ) PrP»CИ PiC-PrC, CГPëPjP°PSPSCИ PiPµCГC,, CрP·C-C— C, P° CГPµCГC†PµPIPsPiPs PIPëPePëPrCр PjPsP¶CрC, CH CГPsP·PiP»CИPrP°C, PëCГCИ CИPe PiCГPsPiPsPeCрCГC±C- C,, P°PeC, PsCГPë.

P>C-PeCáPIP°PSPSCII

PİPeC%Ps PiCḡPμPiP°CḡP°C, P±CíPI PiCḡPēPNēPSCIIIC, PēPNē PSPμC%PsPrP°PIPSs,
PiPsPeP°P°PSPs PiCḡPsPjPēPIP°PSPSCII CēP»CíPSPeP°. PJ P·PrPsCḡPsPIPēC...
PrPsP±CḡPsPIPsP»CHC†C-PI PiCḡPēP·PSP°C†PμPSPSCII P°PeC, PēPIPsPIP°PSPsPiPs
PICíPiC-P»P»CII PSPμPiP°PNēPSPs P°P±Ps PiCḡPsC, CII PiPsPj 2 PiPsPrPēPS PiC-CíP»CII
PiCḡPēPNēPsPjCí P°PjP»PsPrPēPiC-PSCí PICíPμCḡPμPrPēPSCí C-CíC, PsC, PSPs P·PSPēP¶CíC”
PICíPjPsPeC, CíPIP°PSPSCII C†C-C”C— CḡPμC†PsPIPēPSPē.

PμCḡPē PIPēPSPēPePSPμPSPSC- PeP»C-PSC-C†PSPs P·PSP°C†CíC%PsC—
PiC-PiPsC, PμPSP·C-C— PIPSP°CíP»C-PrPsPe PiPμCḡPμPrPsP·CíPIP°PSPSCII
PiCḡPμPiP°CḡP°C, PsPj PŸPμPIC-PeP°Cḡ PiPsC, CḡC-P±PSP° P°PeC, PēPIPS° PiC-PrC, CḡPēPjPeP°
CíPμCḡC†PμPIPs-CíCíPrPēPSPSPsC— CíPēCíC, PμPjPē, PIPeP»CHC†P°CHC†Pē
CḡPμC, PμP»CHPSPēPNē PjPsPSC-C, PsCḡPēPSPi C, CíPSPeC†C-C— CíPμCḡC†CII C-
P»PμPiPμPSC-PI, PiCḡPēPiC-PrPSCIIIC, Pμ PiPsP»PsP¶PμPSPSCII PSPēP¶PSC-C...
PeC-PSC†C-PIPsPe, PePsPSC, CḡPsP»CH PsP±bḡ™C”PjCí C†PēCḡPeCíP»CHCHC†PsC—
PeCḡPsPIC- C, P° PrC-CíCḡPμP·Cí. P”P»CII PIC-PrPSPsPIP»PμPSPSCII CíCíPrPēPSPSPsPiPs
C, PsPSCíCíCí C, P° P°CḡC, PμCḡC-P°P»CHPSPsPiPs C, PēCíPeCí PjPsP¶Pμ P±CíC, Pē
PePsCḡPēCíPSPēPj P·P°CíC, PsCíCíPIP°PSPSCII CíCíPrPēPSPsP·PICíP¶CíPIP°P»CHPSPēC...
P·P°CíPsP±C-PI PiCḡPē PIC-PrCíCíC, PSPsCíC, C- PiCḡPsC, PēPiPsPeP°P°PSCḡ. P”P»CII
CíCíCíPSPμPSPSCII P±P»PsPeP°PrPē PeP°P»CHC†C-C”PIPēC... PeP°PSP°P»C-PI
CḡPμPePsPjPμPSPPrCíC”C, CHCíCII PeP°P»CHC†C-Cḡ PiP»CHPePsPSP°C,
PIPSCíC, CḡC-CēPSCḡPsPIPμPSPSPs.

PḡCíPeC-P»CHPePē P°PjP»PsPrPēPiC-PS P·PSP°C†PSPsCḡ PjC-CḡPsCḡ
P·Piḡḡ™CII P·CíC”C, CHCíCII P· P±C-P»PeP°PjPē PeCḡPsPIC-, PNēPsPiPs PIPēPIPμPrPμPSPSCII
P·P° PrPsPiPsPjPsPiPsCḡ PrC-P°P»C-P·Cí PjP°P»PsPNēPjPsPIC-CḡPSPμ. P†PSC, PsCḡPjP°C†C-CII
PiCḡPs PjPsP¶P»PēPIC-CíC, CH PIPēPIPμPrPμPSPSCII PsP»PjPμCíP°CḡC, P°PSCí P·P°
PrPsPiPsPjPsPiPsCḡ PrC-P°P»C-P·Cí PIC-PrCíCíC, PSCII.

PμPsP±C-C†PSC- CḡPμP°PeC†C-C—.

PḡP°PNēC†P°CíC, C-CēPēPjPē PiPsP±C-C†PSPēPjPē CḡPμP°PeC†C-CII PjPē, C%Ps
PIPēPSPēPeP°P»Pē PiC-Pr C†P°Cí P·P°CíC, PsCíCíPIP°PSPSCII PiCḡPμPiP°CḡP°C, Cí
PŸPμPIC-PeP°Cḡ, P±CíP»Pē PiPμCḡPēC, PμCḡPēC†PSC- PSP°P±CḡCII PePē (11,3 %),
PiPsP»PsPIPSēPNē P±C-P»CH (5,3 %) C, P° P·P°PiP°PjPsCḡPsC†PμPSPSCII (4,5 %).

PμPsP±C-C†PSC- CIIPIPēC%P°, C%Ps CíPiPsCíC, PμCḡC-PiP°P»PēCíCII PiC-Pr C†P°Cí
PeP»C-PSC-C†PSPēC... PrPsCíP»C-PrP¶PμPSCḡ C, P° PiCḡPsC, CII PiPsPj
PiC-CíP»CII CḡPμC”CíC, CḡP°C†C-PNēPSPēC... PrPsCíP»C-PrP¶PμPSCḡ P· P±PμP·PiPμPePē, P°
C, P°PePsP¶ PiPsP±C-C†PSC- CḡPμP°PeC†C-C—, PiCḡPs CII PeC- P±CíP»Pē CíPiPsPSC, P°PSPSC-
PiPsPIC-PrPsPjP»PμPSPSCII, PiCḡPμPrCíC, P°PIP»PμPSPs Cí PSPēP¶C†PμPSP°PIPμPrPμPSC-PNē
C, P°P±P»PēC†C-. PḡCḡC-Pj C†CHPsPiPs, Cí C, P°P±P»PēC†C- PSP°PIPμPrPμPSPs
PiPsP±C-C†PSC- CḡPμP°PeC†C-C—, C%Ps CíPiPsCíC, PμCḡC-PiP°P»PēCíCII PSP° C, P»C-
P·P°CíC, PsCíCíPIP°PSPSCII PePsP¶PSPsPiPs P· PrC-CHC†PēC... PePsPjPiPsPSPμPSC, C-PI
PiCḡPμPiP°CḡP°C, Cí PsPeCḡPμPjPs (PsP»PjPμCíP°CḡC, P°PSCí PjPμPrPsPeCíPsPjC-P»Cí C, P°
P°PjP»PsPrPēPiC-PSCí) P· CíCḡP°C...CíPIP°PSPSCII Pj C—C...PSCḡPsPiPs
PICíC, P°PSPsPIP»PμPSPsPiPs PiCḡPsC, C-P»CH P±PμP·PiPμPePē.

P”P»CII PeP»P°CíPēC, C-PeP°C†C-C— C†P°CíC, PsC, Pē PIPēPSPēPePSPμPSPSCII

P— P±PsPeCž C,CHP°PIPPSc— CfPëCfC,PµPjPë	PhP±PrPsPjC-PSP°P»CHßPSPëPNë P±C-P»CHß	B	PßP°CfC,Ps	PßP°CfC,Ps
	PµPsCßCfCëPµPSPSCl C,CfPSPëCfC-C— PePëCëPµC±PSPëPeCf (Cf C,PsPjCf C±PëCfP»C- P·P°PIPsCß C,P° PrC-P°CßPµCj)	B	B	PßP°CfC,Ps
	P—P°PIPsCß	PkPµC±P°CfC,Ps	B	B
	P°C-P°CßPµCj	PkPµC±P°CfC,Ps	PßP°CfC,Ps	B
	PÝCfC...C-CfC,CHß PI CßPsC,C-	PkPµC±P°CfC,Ps	B	PkPµC±P°CfC,Ps
	P°PëCfPµPµPíCfC-Cj	PkPµC±P°CfC,Ps	PßP°CfC,Ps	PßP°CfC,Ps
	P°P°CfC,CßPëC,	B	B	P°CfPµPµ CßC-PrPePs
	P°P°CfC,CßPsPµPSC,PµCßPëC,	B	PßP°CfC,Ps	B
	P°C-PµPµCßPµP°P°P·C-Cj CjCfPµPS	B	B	P°CfPµPµ CßC-PrPePs
	PkCfPrPsC,P°	PkPµC±P°CfC,Ps	PßP°CfC,Ps	PßP°CfC,Ps
	PµP°PSPëCßPµP°C,PëC,	B	B	P°CfPµPµ CßC-PrPePs
	P°C-P»CHß Cf PµPµCßC...PSC-PNë C±P°CfC,PëPSC- PµPëPIPsC,P°	PkPµC±P°CfC,Ps	B	B
	P°P»CßPµP°PSPSCj	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	PÝPíCßCf-C-PIPsPrC-P±PSP° PµPSC,PµCßPsPµP°C,C-Cj (PrPëPI. CßPsP·PrC-P» B»PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPµP°PSPSCjB»)	B	P°CfPµPµ CßC-PrPePs	B
	PhPSPiC-PsPSPµPíCßPsC,PëC±PSPëPNë PSP°P±CßCjPe PePëCëPµC±PSPëPeCf		P C-PrPePs	
P— P±PsPeCž PµPµC±C-PSPëPë C,P° PµPµPíC±PsPµPíC-PrPSPëC... CëP»CjC...C-PI	PµC-PrPµPëC%PµPSPSCj CßC-PIPSCj C,,PµCßPjPµPSC,C-PI PµPµC±C-PSPëPë	B	PßP°CfC,Ps	P°CfPµPµ CßC-PrPePs (Cf P±C-P»CHCëPsCfC,C- PSP° C,P»C- C...PsP»PµCfC,P°P·Cf)
	P°PµPµP°C,PëC,	B		P°CfPµPµ CßC-PrPePs
	P-PsPIC,CjPSPëCfCj	B		P°CfPµPµ CßC-PrPePs
	PhCfC,PsC-PjCfPSPSPëPNë PµPµPµP°C,PëC,*		PkPµPIC-PrPsPjPs	
P— P±PsPeCž CëPeC-CßPë C,P° C—C— PIPsC...C-PrPSPëC...	PhP»PsPµPµCfC-Cj	B		PkPµC±P°CfC,Ps
	PhPSPiC-PsPSPµPíCßPsC,PëC±PSPëPNë PSP°P±CßCjPe	B	P C-PrPePs	P°CfPµPµ CßC-PrPePs
	PhP»PµCßPíC-C±PSPëPNë PrPµCßPjP°C,PëC,	B	PkPµC±P°CfC,Ps	B
	PµPsP»C-PjPsCßC,PSP° PµCßPëC,PµPjP°	B	B	P°CfPµPµ CßC-PrPePs
	P·PeP·P°PSC,PµPjP°	B	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	P·PeCfC,,PsP»C-P°C,PëPIPSPëPNë PrPµCßPjP°C,PëC,	B	B	P°CfPµPµ CßC-PrPePs
	PµC-PrPµPëC%PµPSPµ PíPsC,PsPµPëPrC-P»PµPSPSCj	B	B	PkPµC±P°CfC,Ps
	PµPsC,PsCfPµPSPCfPëP±C-P»C-P·P°CfC-Cj	B	B	P°CfPµPµ CßC-PrPePs
	PÝPµPµCßP±C-Pµ	B	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	P°PµPjPsCßP°PíC-C±PSC- PíPëCfPëPíP°PSPSCj	B	B	PkPµC±P°CfC,Ps
	PkP°P±CßCjPe PµPIC-PSPePµ	B	B	P°CfPµPµ CßC-PrPePs
	P°PëCfPëPíP°PSPSCj	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	P—PjC-PSP° PePsP»CHßPsCßCf CëPeC-CßPë	B	B	PkPµC±P°CfC,Ps
	PÝPëPSPrCßPsPj PÝC,C-PIPµPSCfP° — P°PµPsPSCfPsPSP°	B	B	P°CfPµPµ CßC-PrPePs
	PÝPsPeCfPëC±PSPëPNë PµPíC-PrPµCßPjP°P»CHßPSPëPNë PSPµPeCßPsP»C-P·	B	B	PßP°CfC,PsC,P° PSPµPIC-PrPsPjP°
	PµCßPsPµPëPíPµCjPSPëP°	P C-PrPePs	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
P— P±PsPeCž PeC-CfC,PePsPIPs- PjPëPµCjP·PsPIPsC— CfPëCfC,PµPjPë C,P° CfPíPsP»C±PSPSc— C,PeP°PSPëPSPë	PkP°P±CßCjPe PíPsPjC-P»PsPe	B	B	PßP°CfC,Ps
	PhCßC,CßP°P»PíC-Cj	B	B	PkPµC±P°CfC,Ps
	PhCßC,CßPëC,	B	PßP°CfC,Ps	B
	P°C-P»CHß Cf CfPíPëPSC-	PkPµC±P°CfC,Ps	PßP°CfC,Ps	PkPµC±P°CfC,Ps
	PÝPíP°P·Pj PjPëPµCjP-C-PI	PkPµC±P°CfC,Ps	P C-PrPePs	PßP°CfC,Ps
	PµC-P°P»PíC-Cj	B	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	P°C-P»CHß Cf PeC-PSCfC-PIPeP°C...	PkPµC±P°CfC,Ps	B	B
	P°C-P»CHß Cf PeC-CfC,PeP°C...	B	PßP°CfC,Ps	B
	P°PsCfC,CßP° PSPëCßPePsPíP° PSPµPrPsCfC,P°C,PSC-CfC,CHß	B	P C-PrPePs	B
P— P±PsPeCž PSPëCßPsPe C,P° CfPµC±PsPíPëPIC-PrPSPëC... CëP»CjC...C-PI	P°PµPjP°C,CfCßC-Cj	B	PßP°CfC,Ps	B
	P—P±C-P»CHßCëPµPSPSCj C±P°CfC,PsC,Pë CfPµC±PsPíPëPíCfCfPëP°PSPSCj	B	B	PkPµC±P°CfC,Ps
	PµPsCßCfCëPµPSPSCj	B	B	PkPµC±P°CfC,Ps
	CfPµC±PsPíPëPrC-P»PµPSPSCj	B	B	
	PkC-PëC,CfCßC-Cj	B	B	PkPµC±P°CfC,Ps
	PµPsP»P°PeC-CfCßC-Cj	PkPµC±P°CfC,Ps	B	B
	PkPëCßPePsPíP° PSPµPrPsCfC,P°C,PSC-CfC,CHß	B	P C-PrPePs	B
	PfPSC,,PµPeCfC-C— CfPµC±PsPíPëPIC-PrPSPëC... CëP»CjC...C-PI	B	PßP°CfC,Ps	B
	P·CßPµPeC,PëP»CHßPSP° PrPëCfC,,CfPSPëCfC-Cj/ C-PjPíPsC,PµPSCfC-Cj	PkPµC±P°CfC,Ps	B	PkPµC±P°CfC,Ps
	P°C-PSPµPePsPjP°CfC,C-Cj	B	B	PkPµC±P°CfC,Ps
	PhCfC,PµPSC-Cj	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps	PßP°CfC,Ps
PµPsCßC±CëPµPSPSCj P·P°PíP°P»CHßPSPsPíPs C...P°CßP°PeC,PµCßCž	P°C-P»CHß Cf PrC-P»CjPSCfC- PíCßCfPrPSPSc— PeP»C-C,C,PePë	B	PßP°CfC,Ps	PkPµC±P°CfC,Ps
	PkP°P±CßCjPe PsP±P»PëCfCfCj	P C-PrPePs	PkPµC±P°CfC,Ps	B
	P°C,PsPjP»CßPíP°PSC-CfC,CHß	PßP°CfC,Ps	PßP°CfC,Ps	PßP°CfC,Ps
	P°CßPëPíPsPíPsPrC-P±PSC- CfC,P°PSPë	B	PßP°CfC,Ps	B
	PÝPsPSP»PëPIC-CfC,CHß	B	P C-PrPePs	B
	PkPµP·PrCfPµP°PSPSCj	B	PkPµC±P°CfC,Ps	PkPµC±P°CfC,Ps
	PkP°P±CßCjPe	PßP°CfC,Ps	B	P°CfPµPµ C±P°CfC,Ps
	P°C-P»CHß	B	PßP°CfC,Ps	PkPµC±P°CfC,Ps
	PµPµCßPëC,,PµCßPëC±PSPëPNë PSP°P±CßCjPe	PßP°CfC,Ps	PßP°CfC,Ps	B
	PkP°P±CßCjPe PjPëPµCjPëC... C,PeP°PSPëPS	PßP°CfC,Ps	B	B

<i>P PμP-C&P>CHC,P°C,Pë PrPsPrP°C,PëPsPIPëC... PrPsCÍP>C-PrP¶PμPSCĤ</i>	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PeCĤPμP°C,PëPSC-PSCf Cf PeCĤPsPIC- PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PeCĤPμP°C,PëPSC-PSC,,PscfC,,PsPeC-PSP°P·Pë Cf PeCĤPsPIC- P—PSPëP¶PμPSPSCĬ CĤC-PIPSCĬ PeP°P>C-CĤ Cf PeCĤPsPIC- PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ CÍPμC&PsPIPëPSPë Cf PeCĤPsPIC- PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ CÍPμC&PsPIPsC— PePëCÍP>Psc,Pë Cf PeCĤPsPIC- PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PiP°PjPjP°· PiP°CfC,P°PjC-P>C,CĤP°PSCÍC,,PμCĤP°P·Pë Cf PeCĤPsPIC- P—PjPμPSCëPμPSPSCĬ PjP°CÍPë C,C-P>P° P—P±C-P>CHCëPμPSPSCĬPj PjP°CÍPë C,C-P>P°	P&PμC&P°CÍC,Ps B P&PμC&P°CÍC,Ps B P&PμC&P°CÍC,Ps B P&PμC&P°CÍC,Ps B P&PμC&P°CÍC,Ps B B B	P C-PrPePs P&P°CÍC,Ps B P&P°CÍC,Ps B B B B B B	B B B B B B P&PμC&P°CÍC,Ps P&PμC&P°CÍC,Ps
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*Pj PiC-CÍP>CĬCĤPμC”CÍC,CĤP°C†C-PM̂PSPëPM̂ PiPμCĤC-PsPr PiPsPIC-PrPsPjP>CĬP>PsCÍCĬ
PiCĤPs PIPëPiP°PrPePë PIPëPSPëPePSPμPSPSCĬ P°CfC,PsC-PjCfPSPSPsPiPs PiPμPiP°C,PëC,Cf P·
P>P°C,PμPSC,PSPëPj PiPμCĤC-PsPrPsPj PIC-Pr PeC-P>CHPePsC... PjC-CÍCĬC†C-PI PrPs
CĤPsPeC-PI, C%Ps P±CfP>Pë PsP±PsCĤPsC,PSPëPjPë PiC-CÍP>CĬ PIC-PrPjC-PSPë
P·P°CÍC,PsCÍCfPIP°PSPSCĬ PsP>PjPμCÍP°CĤC,P°PSCf.

PμPsPIC-PrPsPjP>CĬP>PsCÍCĬ PiCĤPs PrPμPeC-P>CHPeP° PIPëPiP°PrPeC-PI
CĤP°P±PrPsPjC-PsP>C-P·Cf, CĬPePëPM̂ P·P° C&P°CÍPsPj CĤPsP·PIPëC,PeCf P±CfPI
PiPsPiĤĤ™ CĬP·P°PSPëPM̂ P· PiCĤPëPM̂PsPjPsPj P±P>PsPeP°C,PsCĤC-PI CĤPμC†PμPiC,PsCĤC-PI
P°PSPiC-PsC,PμPSP·PëPSCf II. Pj PiP°C†C-C”PSC,C-PI, CĬPeC- PiCĤPëPM̂PjP°P>Pë
P°PjP>PsPrPëPiC-PS, PiPsPIC-PrPsPjP>CĬP>PsCÍCĬ PiCĤPs PrPμPeC-P>CHPeP°
PIPëPiP°PrPeC-PI CĤPsP·PIPëC,PeCf PμPeCÍC,CĤP°PiC-CĤP°PjC-PrPSPsPiPs CÍPëPSPPrCĤPsPjCf.

PμPsPIC-PrPsPjP>PμPSPSCĬ PiCĤPs PiPsP±C-C&PSC- CĤPμP°PeC†C-C—

PμPsPIC-PrPsPjP>PμPSPSCĬ PiCĤPs PiPsP±C-C&PSC- CĤPμP°PeC†C-C— PiC-CÍP>CĬ
CĤPμC”CÍC,CĤP°C†C-C— P>C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cf PjP°C”
PiP°P¶P>PëPiPμ P·PSP°C&PμPSPSCĬ. PiPμ PrP°C” P·PjPsPiCf PiCĤPsPIPsPrPëC,Pë
PjPsPSC-C,PsCĤPëPSPi CÍPiC-PIPIC-PrPSPsCëPμPSPSCĬ PePsCĤPëCÍC,CH/CĤPëP·PëPe
PiCĤPë P·P°CÍC,PsCÍCfPIP°PSPSC- C†CHPsPiPs P>C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±Cf. PĤPμPrPëC&PSPëPj C,P° C,,P°CĤPjP°C†PμPIC,PëC&PSPëPj
PiCĤP°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PiP°C†C-C”PSC,P°Pj P°P±Ps C—C...PSC-Pj
P·P°PePsPSPSPëPj PiCĤPμPrCÍC,P°PIPSPëPeP°Pj CÍP>C-Pr PiPsPIC-PrPsPjP>CĬC,Pë
PiCĤPs CfCÍC- PIPëPiP°PrPePë PiC-PrPsP·CĤCĤPIP°PSPëC... PiPsP±C-C&PSPëC...
CĤPμP°PeC†C-PM̂ C,P° PIC-PrCÍCfC,PSPsCÍC,C- PμC,,PμPeC,PëPIPSPsCÍC,C-
P>C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cf C&PμCĤPμP· P°PIC,PsPjP°C,PëP·PsPIP°PSCf
C-PSC,,PsCĤPjP°C†C-PM̂PSCf CÍPëCÍC,PμPjCf P· C,,P°CĤPjP°PePsPSP°PiP>CĬPTrCf P·P°
PiPsCÍPëP>P°PSPSCĬPj: <https://aisf.dec.gov.ua>.

PjPμCĤPjC-PS PiCĤPëPrP°C,PSPsCÍC,C-. 5 CĤPsPeC-PI.

PjPjPsPIPë P·P±PμCĤC-PiP°PSPSCĬ.

P&Pμ PiPsC,CĤPμP±CfC” CÍPiPμC†C-P°P>CHPSPëC... CfPjPsPi P·P±PμCĤC-PiP°PSPSCĬ.

P—P±PμCĤC-PiP°C,Pë Cf PSPμPrPsCÍC,CfPiPSPsPjCf PrP>CĬ PrC-C,PμPM̂ PjC-CÍC†C-.

PJPiP°PePsPIPeP°.

14 C,P°P±P»PμC,PsPe, PIPeCḡPëC,PëC... PïP»C-PIPePsPIPsCḡ PsP±PsP»PsPSPePsCḡ, Cí
P±P»C-CÍC,PμCḡC-; PïPs 2 P±P»C-CÍC,PμCḡPë Cí PeP°CḡC,PsPSPSC-PNë PïP°C‡C‡C-.

PљP°C,PμPiPsCḡC-Cḡ PIC-PrPïCíCÍPeCí. P—P° CḡPμC‡PμPïC,PsPj.

P’PëCḡPsP±PSPëPe.

P”P°C-C‡C- PŸP°PSPeC-Ps P®CḡPsCíPï P“PjP±PÍ.

**PњC-CÍC‡PμP•PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPeC-PI C,P° P°PrCḡPμCÍP°
PjC-CÍC‡Cḡ PïCḡPsPIP°PrP¶PμPSPSCḡ C—C... PrC-CḡP»CњPSPsCÍC,C-.**

P>CíC-C,PïPsP»CњPrC€C,CḡP°CÍCÍPμ 1, PұC„P°C„C„PμPSC...PsC„PμPS Pђ.Pr.C-P»Pj,
P’P°PIP°CḡC-Cḡ, 85276, PќC-PjPμC‡C‡PëPSP°.