

PrP»CЦ PrPsP·CзPIP°PSPSCЦ 20 PjPi/5 PjPi: P±C-P»C- PeCЦCрPiP»C- C,P°P±P»PμC,PePë, PIPeCЦPëC,C- PïP»C-PIPePsPIPsCЦ PsP±PsP»PsPSPePsCЦ, CЦPsP·PjC-CЦPsPj 6 PjPj, P· C,PëCГPSPμPSPSCЦPj B«C73B» P· PsPrPSPsPiPs P±PsPeCр;

PrP»CЦ PrPsP·CзPIP°PSPSCЦ 40 PjPi/5 PjPi: PeCЦPμPjPsPIC- PeCЦCрPiP»C- C,P°P±P»PμC,PePë, PIPeCЦPëC,C- PïP»C-PIPePsPIPsCЦ PsP±PsP»PsPSPePsCЦ, CЦPsP·PjC-CЦPsPj 8 PjPj, P· C,PëCГPSPμPSPSCЦPj B«C75B» P· PsPrPSPsPiPs P±PsPeCр;

PrP»CЦ PrPsP·CзPIP°PSPSCЦ 40 PjPi/10 PjPi: PePsCЦPëC±PSCЦPIP°C,Ps-C±PμCЦPIPsPSC- PeCЦCрPiP»C- C,P°P±P»PμC,PePë, PIPeCЦPëC,C- PïP»C-PIPePsPIPsCЦ PsP±PsP»PsPSPePsCЦ, CЦPsP·PjC-CЦPsPj 8 PjPj, P· C,PëCГPSPμPSPSCЦPj B«C77B» P· PsPrPSPsPiPs P±PsPeCр.

PrP°CЦPjP°PePsC,PμCЦP°PïPμPIC,PëC±PSP° PiCЦCрPïP°.

PŸPμCЦC†PμPIPs-CГCрPrPëPSPSP° CГPëCГC,PμPjP°. P»C-PeP°CЦCГCЦPëC- P·P°CГPsP±Pë, C%Ps PIPïP»PëPIP°CЦC,CH PSP° CЦPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPSPsPICр CГPëCГC,PμPjCр. PμPsPjP±C-PSP°C†C-C— P±P»PsPeP°C,PsCЦC-PI CЦPμC†PμPïC,PsCЦP° P°PSPiC-PsC,PμPSP·PëPSCр II. PμPSC,P°PiPsPSC-CГC,Pë P°PSPiC-PsC,PμPSP·PëPSCр II C,P° P±P»PsPeP°C,PsCЦPë PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI. PμP»PjPμCГP°CЦC,P°PSCр PjPμPrPsPeCГPsPjC-P» C- P°PjP»PsPrPëPïC-PS. PμPsPr PμPŸPГ PŸ09D P°02.

PrP°CЦPjP°PePsP»PsPiC-C±PSC- PIP»P°CГC,PëPIPsCГC,C-.

PrP°CЦPjP°PePsPrPëPSP°PjC-PeP°.

PŸPμPIC-PeP°CЦ BЦ” C†Pμ PePsPjP±C-PSPsPIP°PSPëPN P»C-PeP°CЦCГCЦPëPëPN P·P°CГC-P±, PrPs CГPeP»P°PrCр CЦPePsPiPs PIC...PsPrPëC,CH PsP»PjPμCГP°CЦC,P°PSCр PjPμPrPsPeCГPsPjC-P» BЦ” P°PSC,P°PiPsPSC-CГC, CЦPμC†PμPïC,PsCЦC-PI P°PSPiC-PsC,PμPSP·PëPSCр P†P† BЦ” C,P° P°PjP»PsPrPëPïC-PSCр P±PμCГPëP»P°C, BЦ” P±P»PsPeP°C,PsCЦ PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI. PμPsPjP±C-PSP°C†C-CЦ C†PëC... PrPIPsC... PrC-CЦC±PëC... CЦPμC±PsPIPëPS PIPëCЦPIP»CЦC” CГPëPSPμCЦPiC-C±PSPëPN PμC,,PμPeC, C,P° CГPïCЦPëCЦC” P·PSPëPμPμPSPSC P°CЦC,PμCЦC-P°P»CHPSPsPiPs C,PëCГPeCр P±C-P»CHC€PsCЦ PjC-CЦPsCЦ, PSC-Pμ PePsPμPSP° PrC-CЦC±P° CЦPμC±PsPIPëPSP° PsPeCЦPμPjPs.

Pj 8-C,PëPμPSPμPIPsPjCр PïPsPrPIC-PN PSPs CГP»C-PïPsPjCр, CЦP°PSPrPsPjC-P·PsPIP°PSPsPjCр, PïP»P°C†PμP±Ps-PePsPSC,CЦPsP»CHPSPiP°PSPsPjCр C,,P°PeC,PsCЦPSPsPjCр PrPsCГP»C-PrPμPμPSPSC- P·P° CрC±P°CГC,CЦ 1940 PïP°C†C-C”PSC,C-PI (71 % PïP°C†C-C”PSC,C-PI PSP°P»PμPμP°P»Pë PrPs C”PICЦPsPïPμPsC—PrPSPsC— CЦP°CГPë C- 29 % – PrPs C-PSC€PëC... CЦP°CГ) P±CрP»Ps PïPsPeP°P·P°PSPs, C%Ps P»C-PeCрPIP°PSPSCЦ PïCЦPμPïP°CЦP°C,PsPj PŸPμPIC-PeP°CЦ PïCЦPëP·PIPsPrPëP»Ps PrPs C-CГC,PsC,PSPs P±C-P»CHC€ PIPëCЦP°PμPμPSPsPiPs P·PSPëPμPμPSPSCЦ PrC-P°CГC,PsP»C-C±PSPsPiPs C,P° CГPëCГC,PsP»C-C±PSPsPiPs C,PëCГPeCр PI PïPsCЦC-PIPSCЦPSPSC- P· PjPsPSPsC,PμCЦP°PïC-C”CЦ PIC-PrPïPsPIC-PrPSPëPjPë PePsPjPïPsPSPμPSC,P°PjPë.

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

$\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}/\text{PrC}-\text{P}^{\circ}\text{C}\acute{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}} \text{ C}, \text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{Pe} \text{ C}\acute{\text{r}}$
 $\text{P}\ddot{\text{i}}\text{PsP} \gg \text{PsP} \P \text{P}_{\text{u}}\text{PSPSC}-\text{P}\ddot{\text{i}}\text{P}^{\circ}\text{C}\ddagger\text{C}-\text{C}''\text{PSC}, \text{P}^{\circ} \text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PrC}\ddot{\text{I}}\text{C}\ddagger\text{P}\ddot{\text{e}} \text{ PrPsPrP}^{\circ}\text{C}, \text{PePsPIP}_{\text{s}} \text{PSP}^{\circ}$
 $2,5/1,7 \text{ PjPj C}\ddot{\text{I}}\text{C},. \text{C}\acute{\text{I}}\text{C},. \text{PI P}\ddot{\text{i}}\text{PsC}\ddot{\text{I}}\text{C}-\text{PIPSC}\ddot{\text{I}}\text{PSPSC}-\text{P} \cdot \text{P}\ddot{\text{Y}}\text{P}_{\text{u}}\text{PIC}-\text{PeP}^{\circ}\text{C}\ddot{\text{I}}\text{PsPj},$
 $20 \text{ PjPi}/5 \text{ PjPi. P}_{\text{h}}\text{PSP}^{\circ}\text{P} \gg \text{PsPiC}-\text{C}\ddagger\text{PSP}_{\text{s}} \text{P}\ddot{\text{Y}}\text{P}_{\text{u}}\text{PIC}-\text{PeP}^{\circ}\text{C}\ddot{\text{I}}, 40 \text{ PjPi}/10 \text{ PjPi},$
 $\text{P} \cdot \text{PSP}\ddot{\text{e}}\text{P} \P \text{C}\acute{\text{I}}\text{PIP}^{\circ}\text{PI} \text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}/\text{PrC}-\text{P}^{\circ}\text{C}\acute{\text{I}}\text{C}, \text{PsP} \gg \text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}} \text{ C}, \text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{Pe} \text{ C}\acute{\text{r}}$
 $\text{P}\ddot{\text{i}}\text{PsP} \gg \text{PsP} \P \text{P}_{\text{u}}\text{PSPSC}-\text{P}\ddot{\text{i}}\text{P}^{\circ}\text{C}\ddagger\text{C}-\text{C}''\text{PSC}, \text{P}^{\circ} \text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PrC}\ddot{\text{I}}\text{C}\ddagger\text{P}\ddot{\text{e}} \text{ PrPsPrP}^{\circ}\text{C}, \text{PePsPIP}_{\text{s}} \text{PSP}^{\circ}$
 $4,7/3,5 \text{ PjPj C}\ddot{\text{I}}\text{C},. \text{C}\acute{\text{I}}\text{C},. \text{C}\acute{\text{r}} \text{P}\ddot{\text{i}}\text{PsC}\ddot{\text{I}}\text{C}-\text{PIPSC}\ddot{\text{I}}\text{PSPSC}-\text{P} \cdot \text{P}\ddot{\text{Y}}\text{P}_{\text{u}}\text{PIC}-\text{PeP}^{\circ}\text{C}\ddot{\text{I}}\text{PsPj},$
 $40 \text{ PjPi}/5 \text{ PjPi.}$

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

PhCfPSPsPIPSpPn, PiC-PiPsC, PpPSP·PpPIPSpPn, PpC,, PpPeC, PiCfPpPiP°CfP°C, CfPpPiC-PeP°Cf, CfiPe PiCfP°PIPSp»Ps, PrPsCfCfiPiP°PiCfCfi PiCfPsC, CfiPiPsPj PiPuCfCfPeC... 2 C, PpPPIPSpC-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, CΠPeC- 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†CΠ PSP° 10,6/7,8 PjPj CĤC,.. C†C,.. PīCĤPsC, CΠPiPsPj 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†CΠ PrPsC†CΠPiC, Pë P·PSPëP¶PμPSPSCΠ 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† CΠPePëC... PIPrP°P»PsC†CΠ PrPsC†CΠPiC, Pë C†C-P»CHbPsPIPëC... P·PSP°C†PμPSCĤ

$P^{\circ}CH_3C, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSPsPiPs$ C, $P\ddot{e}C\dot{I}P\ddot{e}C\dot{r}$ ($< 140/90$ $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $C\dot{r}$ $P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI$ $P \pm P_{\mu}P \cdot C\dot{I}C\dot{r}P\ddot{e}CH_3PsPIPsPiPs$ $PrC - P^{\circ}P \pm P_{\mu}C, C\dot{r}C -$ $< 130/80$ $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $C\dot{r}$ $PrC - P^{\circ}P \pm P_{\mu}C, P\ddot{e}P\ddot{e}C - PI$), $C\dot{I}P\ddot{e}P \gg P^{\circ}P \gg P^{\circ}$ 44,5 % $PrP \gg C\dot{I}$ $P\ddot{e}PsPjP \pm C - PSP^{\circ}C\dot{I}C - C -$ 20 $PjPi/5$ $PjPi$ PI $P\ddot{I}PsCH_3C - PIPSC\dot{I}PSPSC -$ $P \cdot$ 28,5 % $PrP \gg C\dot{I}$ 20 $PjPi$ $PsP \gg PjP_{\mu}C\dot{I}P^{\circ}CH_3C, P^{\circ}PSC\dot{r}$ $PjP_{\mu}PrPsP\ddot{e}C\dot{I}PsPjC - P \gg C\dot{r}$.

$P' C...PsPrC - P\ddot{I}PsPrP^{\circ}P \gg CH_3C\ddot{e}P\ddot{e}C... PrPsC\dot{I}P \gg C - PrP \P P_{\mu}PSC\ddot{H}$ $PsC\dot{I}C - PSC\ddot{H}PIP^{\circ}P \gg P\ddot{e}$ $P_{\mu}C, .. P_{\mu}P\ddot{e}C, P\ddot{e}PIPSC - C\dot{I}C, CH_3 PrPsPrP^{\circ}PIP^{\circ}PSPSC\dot{I} CH_3C - P \cdot PSP\ddot{e}C... PrPsP \cdot$ $PsP \gg PjP_{\mu}C\dot{I}P^{\circ}CH_3C, P^{\circ}PSC\dot{r}$ $PjP_{\mu}PrPsP\ddot{e}C\dot{I}PsPjC - P \gg C\dot{r}$ $PrPs C\dot{I}C... P_{\mu}PjP\ddot{e}$ $P \gg C - P\ddot{e}C\dot{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI$ $C''PIC\ddot{H}PsP\ddot{I}P_{\mu}PsC - PrPSPsC -$ $CH_3P^{\circ}C\dot{I}P\ddot{e} P \cdot$ $PSP_{\mu}PrPsC\dot{I}C, P^{\circ}C, PSC\ddot{H}PsC\ddot{H} CH_3P_{\mu}P^{\circ}P\ddot{e}C\dot{I}C - C''C\ddot{H} PsCH_3PiP^{\circ}PSC - P \cdot PjC\dot{r} PSP^{\circ}$ $PjPsPSPsC, P_{\mu}CH_3P^{\circ}PiC - C\ddot{H} P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PSPsPj PI PrPsP \cdot C -$ 5 $PjPi$ $PiCH_3PsC, C\dot{I}PiPsPj$ 8 C, $P\ddot{e}P \P PSC - PI$.

$Pj P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI, C\dot{I}P\ddot{e}C - P\ddot{I}CH_3PsPrPsPIP \P C\dot{r}PIP^{\circ}P \gg P\ddot{e}$ $PsC, CH_3P\ddot{e}PjC\dot{r}PIP^{\circ}C, P\ddot{e}$ $C, C - P \gg CH_3P\ddot{e}P\ddot{e} P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PSC\dot{r}$ 5 $PjPi$, $C\dot{I}P\ddot{e}C\dot{I}C, PsP \gg C - C\ddot{I}PSP\ddot{e}P\ddot{N}_\ddot{e}/PrC - P^{\circ}C\dot{I}C, PsP \gg C - C\ddot{I}PSP\ddot{e}P\ddot{N}_\ddot{e} C, P\ddot{e}C\dot{I}P\ddot{e} P \cdot PSP\ddot{e}P \cdot P\ddot{e}PIC\dot{I}C\dot{I}$ PSP° 9,9/5,7 $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $P\ddot{I}CH_3PsC, C\dot{I}PiPsPj PSP^{\circ}C\dot{I}C, C\dot{r}PiPSP\ddot{e}C... 8 C, P\ddot{e}P \P PSC - PI$. $P''PsPrP^{\circ}PIP^{\circ}PSPSC\dot{I}$ 20 $PjPi$ $PsP \gg PjP_{\mu}C\dot{I}P^{\circ}CH_3C, P^{\circ}PSC\dot{r}$ $PjP_{\mu}PrPsP\ddot{e}C\dot{I}PsPjC - P \gg C\dot{r}$ $P\ddot{I}CH_3P\ddot{e}P \cdot PIP_{\mu}P \gg Ps PrPs P \cdot PSP\ddot{e}P \P P_{\mu}PSPSC\dot{I}$ $C\dot{I}P\ddot{e}C\dot{I}C, PsP \gg C - C\ddot{I}PSPsPiPs/PrC - P^{\circ}C\dot{I}C, PsP \gg C - C\ddot{I}PSPsPiPs$ $P^{\circ}CH_3C, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSPsPiPs C, P\ddot{e}C\dot{I}P\ddot{e}C\dot{r} PSP^{\circ}$ $B B B B B B B B B B B B B B B B B B - 15,3/-9,3$ $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $PrPsPrP^{\circ}PIP^{\circ}PSPSC\dot{I}$ 40 $PjPi$ $PsP \gg PjP_{\mu}C\dot{I}P^{\circ}CH_3C, P^{\circ}PSC\dot{r}$ $PjP_{\mu}PrPsP\ddot{e}C\dot{I}PsPjC - P \gg C\dot{r} - PSP^{\circ}$ -16,7/-9,5 $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ ($CH_3 < 0,0001$).

$P\ddot{S}P^{\circ}C\dot{I}C, P\ddot{e}P^{\circ} P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI, C\dot{r} C\dot{I}P\ddot{e}P\ddot{e}C... PIPrP^{\circ}P \gg PsC\dot{I}C\dot{I} PrPsC\dot{I}C\dot{I}PiC, P\ddot{e}$ $C\dot{I}C - P \gg CH_3PsPIP\ddot{e}C... P \cdot PSP^{\circ}C\ddot{I}P_{\mu}PSC\ddot{H} P^{\circ}CH_3C, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSPsPiPs C, P\ddot{e}C\dot{I}P\ddot{e}C\dot{r}$ ($< 140/90$ $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $C\dot{r}$ $P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI$ $P \pm P_{\mu}P \cdot C\dot{I}C\dot{r}P\ddot{e}CH_3PsPIPsPiPs$ $PrC - P^{\circ}P \pm P_{\mu}C, C\dot{r}C -$ $< 130/80$ $PjPj$ $CH_3C, ..$ $C\dot{I}C, ..$ $C\dot{r}$ $PrC - P^{\circ}P \pm P_{\mu}C, P\ddot{e}P\ddot{e}C - PI$), $C\dot{I}P\ddot{e}P \gg P^{\circ}P \gg P^{\circ}$ 29,9 % PI $PiCH_3C\dot{r}PiC - PjPsPSPsC, P_{\mu}CH_3P^{\circ}PiC - C -$ $P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PSPsPj C\dot{r}$ $PrPsP \cdot C\dot{r}PIP^{\circ}PSPSC -$ 5 $PjPi$, 53,5 % $C\dot{r}$ $PiCH_3C\dot{r}PiC - P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$ $P\ddot{Y}P_{\mu}PIC - P\ddot{e}P^{\circ}CH_3C\dot{r}$, 20 $PjPi/5$ $PjPi$, $C -$ 50,5 % $C\dot{r}$ $PiCH_3C\dot{r}PiC - P\ddot{Y}P_{\mu}PIC - P\ddot{e}P^{\circ}CH_3C\dot{r}$, 40 $PjPi/5$ $PjPi$.

$P P^{\circ}PSPrPsPjC - P \cdot PsPIP^{\circ}PSC - PrP^{\circ}PSC - C\%PsPrPs P\ddot{I}P^{\circ}C\dot{I}C - C''PSC, C - PI P \cdot$ $PSP_{\mu}P\ddot{e}PsPSC, CH_3PsP \gg CH_3PsPIP^{\circ}PSPsC\ddot{H} P^{\circ}CH_3C, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSPsC\ddot{H}$ $PiC - P\ddot{I}P_{\mu}CH_3C, P_{\mu}PSP \cdot C - C''C\ddot{H}, C\%Ps PrP^{\circ}C\ddot{H}C, CH_3 P \cdot PjPsPiC\dot{r} P\ddot{I}PsCH_3C - PIPSC\dot{I}C, P\ddot{e}$ $CH_3P_{\mu}P \cdot C\dot{r}P \gg CH_3C, P^{\circ}C, P\ddot{e} P\ddot{e}PsPjP \pm C - PSPsPIP^{\circ}PSPsC -$ $C, P_{\mu}CH_3P^{\circ}PiC - C -$ $P\ddot{I}CH_3P_{\mu}P\ddot{I}P^{\circ}CH_3P^{\circ}C, PsPj P\ddot{Y}P_{\mu}PIC - P\ddot{e}P^{\circ}CH_3 PI C\dot{I}P_{\mu}CH_3P_{\mu}PrPSC - C... PrPsP \cdot P^{\circ}C... P \cdot$ $P_{\mu}C, .. P_{\mu}P\ddot{e}C, PsPj PIC - Pr P\ddot{I}C - PrPIP\ddot{e}C\%P_{\mu}PSPSC\dot{I} PrPsP \cdot P\ddot{e} P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PSC\dot{r} C, P^{\circ}$ $PsP \gg PjP_{\mu}C\dot{I}P^{\circ}CH_3C, P^{\circ}PSC\dot{r} P\ddot{I}CH_3P\ddot{e} PjPsPSPsC, P_{\mu}CH_3P^{\circ}PiC - C -$, $PIC - PrC\dot{I}C\dot{r}C, PSC -$.

$P P_{\mu}P \cdot C\dot{r}P \gg CH_3C, P^{\circ}C, P\ddot{e} C, CH_3CH_3PsC... PrPsC\dot{I}P \gg C - PrP \P P_{\mu}PSC\ddot{H}$ $P\ddot{I}C - PrC, PIP_{\mu}CH_3PrP \P C\dot{r}C\ddot{H}C, CH_3, C\%Ps PiC - P\ddot{I}PsC, P_{\mu}PSP \cdot P\ddot{e}PIPSP\ddot{e}P\ddot{N}_\ddot{e} P_{\mu}C, .. P_{\mu}P\ddot{e}C,$ $P\ddot{I}CH_3P_{\mu}P\ddot{I}P^{\circ}CH_3P^{\circ}C, C\dot{r} P\ddot{Y}P_{\mu}PIC - P\ddot{e}P^{\circ}CH_3 P\ddot{I}CH_3P\ddot{e} C\ddot{I}P^{\circ}C\dot{I}C, PsC, C - P\ddot{I}CH_3P\ddot{e}P\ddot{N}_\ddot{e}PsPjC\dot{r}$ $PsPrP\ddot{e}PS CH_3P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\dot{r} P \cdot P \pm P_{\mu}CH_3C - P\ddot{I}P^{\circ}PIC\dot{I}C\dot{I} P\ddot{I}CH_3P\ddot{e} C - PSC, P_{\mu}CH_3PIP^{\circ}P \gg C -$ $PjC - P \P P\ddot{I}CH_3P\ddot{e}P\ddot{N}_\ddot{e}PsPjP^{\circ}PjP\ddot{e}$ 24 $PiPsPrP\ddot{e}PSP\ddot{e}$, $P\ddot{I}CH_3P\ddot{e} C\dot{I}CH_3PsPjC\dot{r}$

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, PëC₇PeC₇,
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, PeC₇ 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»C₇
C...PIPsC₇PëPj PSP° P°C₇C, P₄C₇C-P°P»CH₃PSCr PiC-PiP₄C₇C, P₄PSP·C-C₇ 1 C₇P°P·
PSP° PrPsP±C₇ PIC-PrP±C₇PIP°C”C, CH₃C₇C₇ P₄C,, P₄PeC, PëPIPS₄ C, P° PiP»P°PIPS₄
P·PSPëP₄P₄PSPSC₇ P°C₇C, P₄C₇C-P°P»CH₃PSPsPiPs C, PëC₇PeC₇ PiC₇PsC, C₇PiPsPj 24-
PiPsPrPëPSPSPsPiPs C-PSC, P₄C₇PIP°P»C₇ 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, C₇ 1 C₇Pë 2 C₇P°P·Pë PSP° PrPsP±C₇ PI
PsPrPSC-PN₂ C- C, C-PN₂ C₇P°PjC-PN₂ PrPsP±PsPIC-PN₂ PrPsP·C- P±C₇PI
PsPrPSP°PePsPIPëPN₂. P₄P°PeC₇PëPjP°P»CH₃PSP₄ P·PSPëP₄P₄PSPSC₇
P°C₇C, P₄C₇C-P°P»CH₃PSPsPiPs C, PëC₇PeC₇ PrPsC₇C₇PiP°C”C, CH₃C₇C₇ C₇P₄C₇P₄·
8 C, PëP₄PSC-PI PiC-C₇P»C₇ PiPsC₇P°C, PeC₇ P»C-PeC₇PIP°PSPSC₇, C...PsC₇P°
C₇C₇C, C, C”PIPëPN₂ PiC-PiPsC, P₄PSP·PëPIPS₄PëPN₂ P₄C,, P₄PeC,
C₇PiPsC₇C, P₄C₇C-PiP°C”C, CH₃C₇C₇ PIP₄P₄ C₇P₄C₇P₄P· 2 C, PëP₄PSC-
P»C-PeC₇PIP°PSPSC₇.

P’PiP»PëPI PsP»PjP₄C₇P°C₇C, P°PSCr PjP₄PrPsPeC₇PsPjC-P»C₇ 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±C₇PjC-PSC₇C₇C— (ROADMAP) C-P·
P·P°P»C₇C₇P₄PSPSC₇Pj 4447 PiP°C₇C-C”PSC, C-PI C-P· C₇C₇PeC₇PsPIPëPj
PrC-P°P±P₄C, PsPj 2 C, PëPiC₇ P· PSPsC₇PjP°P»CH₃PSPëPj C₇C-PIPS₄Pj
P°P»CH₃P±C₇PjC-PSC₇C₇C— C- C₇Pe PjC-PSC-PjC₇Pj PsPrPSPëPj
PrPsPrP°C, PePsPIPëPj C,, P°PeC, PsC₇PsPj C₇PëP·PëPeC₇ PIPëPSPëPePSP₄PSPSC₇
C₇P₄C₇C₇P₄PIPs-C₇C₇PrPëPSPSPëC... 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±C₇PjC-PSC₇C₇C— . P₄C-Pr C₇P°C₇ C₇P₄C₇P₄PrPSC₇PsPiPs
PiP₄C₇C-PsPrC₇ PIC-PrC₇C, P₄P₄P₄PSPSC₇ C, C₇PëPIP°P»C-C₇C, C₇ 3, 2 C₇PsPeC₇
PiP°C₇C-C”PSC, Pë PsC, C₇PëPjC₇PIP°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¶ PePsCḡPēPīCḡPIP°PSPSC¶ PIC-PrPjC-PSPSPsCḡC,PμPNē Cḡ PīPsPeP°P·PSPēPeP°C... P°CḡC,PμCḡC-P°P»CHBPSPsPīPs 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 PīCḡCḡPīC- PsP»PjPμCḡP°CḡC,P°PSCḡ C- Cḡ 9,8 % (Cḡ 210 P· 2139) Cḡ PīCḡCḡPīC- 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†PμPIP-s 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 PīCḡCḡPīC- PsP»PjPμCḡP°CḡC,P°PSCḡ PI PīPsCḡC-PIPsC¶PSPSC- P· PīCḡCḡPīPsCḡ 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»CHBPSPsPīPs 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»CHBPSPsPīPs 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 PīPsPīBḡ™ C¶P·P°PSPsC— P· CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēPjPē PīCḡPēC‡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°PīP°P»CHBPSP° CḡPjPμCḡC,PSC-CḡC,Cḡ Cḡ PīCḡCḡPīC- 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 %)), PīPsP»PsPIPsPēPj C‡PēPSPsPj, P·P° CḡP°C...CḡPSPsPe PIPēC%PsC— CḡPjPμCḡC,PSPsCḡC,C- P· CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēC... PīCḡPēC‡PēPS.

PJ PrPsCḡP»C-PrP¶PμPSPSC- ORIENT (The Olmesartan Reducing Incidence of End-stage Renal Disease in Diabetic Nephropathy Trial) PIPēPIC‡P°P»Pē PIPīP»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 PīPīPsPSC-C— C- PI PḡPēC,P°C— P· C†CḡPeCḡPsPIPēPj PrC-P°P±PμC,PsPj 2 C,PēPīCḡ C- PIPēCḡP°P¶PμPSPsCḡ PSPμC,,CḡPsPīP°C,C-C”Cḡ. PμC-Pr C‡P°Cḡ CḡPμCḡPμPrPSCḡPsPīPs 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,PēPīC-PīPμCḡC,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,PePsPIPsPīPs 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_iC₁CH₃P_eC₁P_ePS) P±C₁P»P° PrPsC₁C₁PiPSC₁C, P° C₁ 116 P_iP°C₁C-C" PSC, C-PI C₁
 PiC₁CH₃C₁PiC- PsP»PjP_μC₁P°CH₃C, P°PSC₁ (41,1 %) C- C₁ 129 P_iP°C₁C-C" PSC, C-PI, C₁P_eC-
 PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C₁P_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±b₇TM C"PrPSP°PSP° C₁P_μCH₃C₁P_μPIPs-
 C₁C₁PrP_ePSPSP° PeC-PSC₁P_μPIP° C, PsC₁PeP° P±C₁P»P° PrPsC₁C₁PiPSC₁C, P° C₁ 40
 P_iP°C₁C-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°C₁C-C" PSC, C-PI, C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C₁P_μP±Ps (18,7 %).
 P_iC₁ PsP±b₇TM C"PrPSP°PSP° C₁P_μCH₃C₁P_μPIPs-C₁C₁PrP_ePSPSP° PeC-PSC₁P_μPIP°
 C, PsC₁PeP° PIPeP»CH₃C₁P°P»P° C₁PjP_μCH₃C, PSC-C₁C, CH₃ PIC-Pr C₁P_μCH₃C₁P_μPIPs-
 C₁C₁PrP_ePSPSP_eC... P·P°C...PIPsCH₃CH₃PIP°PSC₁ C₁ 10 (3,5 %) P_iP°C₁C-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°C₁C-C" PSC, C-PI, C₁P_eC- PsC, CH₃P_ePjC₁PIP°P»P_e P_iP»P°C₁P_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-CH₃C₁P° CH₃P_μC₁PsPIP_ePSP° P₇P_μPIC-PeP°CH₃C₁)

P_hPjP»PsPrP_ePiC-PS, C%₀Ps PIC...PsPrP_eC, CH₃ PrPs C₁PeP»P°PrC₁ PiCH₃P_μPiP°CH₃P°C, C₁
 P₇P_μPIC-PeP°CH₃, C" P±P»PsPeP°C, PsCH₃PsPj PeP°P»CH₃C₁C-C"PIP_eC... PeP°PSP°P»C-PI
 C- PiP°P»CH₃PjC₁C" C, CH₃P°PSC₁PjP_μPjP±CH₃P°PSPSP_ePN₂ PiP_μCH₃P_μPSPsC₁ C-PsPSC-PI
 PeP°P»CH₃C₁C-CH₃ C₁P_μCH₃P_μP· P_iPsC, P_μPSC₁C-P°P»P·P°P»P_μP₇PSC- PeP°PSP°P»P_e L-
 C, P_ePiC₁ PI C₁P_μCH₃C₁C- C- PiP»P°PrPeP_eC... Pj₇TM C₁P·P°C....
 P·PeC₁PiP_μCH₃P_ePjP_μPSC, P°P»CH₃PSC- PrP°PSC- C₁PIC-PrC₁P°C, CH₃, C%₀Ps
 P°PjP»PsPrP_ePiC-PS PIP·P°C"PjPsPrC-C" C₁P_e P· PrC-P»C₁PSPeP°PjP_e
 P·Pi₇TM C₁P·C₁PIP°PSPSC₁ PrP_ePiC-PrCH₃PsPiC-CH₃P_ePrP_ePSC₁, C, P°Pe C- P·
 C-PSC₁PePjP_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»CH₃C₁P_μ PIP_iP»P_ePIP°C" PSP°
 PeP»C-C, P_ePSP_e PiP»P°PrPeP_eC... Pj₇TM C₁P·C-PI C₁C₁PrP_ePS, PSC-P₇ PSP°
 PeP°CH₃PrC-PsPjC-PsC₁P_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 PiCH₃C₁PjPsCH₃
 CH₃PsP·C₁P»P°P±P»CH₃CH₃C₁PsCH₃ PrC-C"CH₃ PSP° PiP»P°PrPePsPj₇TM C₁P·PsPIC-
 PeP»C-C, P_ePSP_e P°CH₃C, P_μCH₃C-PN₂, C%₀Ps C₁PiCH₃P_eC₁C" P·PjP_μPSC₁PeP_μPSPSC₁
 P_iP_μCH₃P_eC, P_μCH₃P_eC₁PSPsPiPs 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 PiCH₃P_ePN₂PsPjC₁
 P_iP_μCH₃C₁PsC— PrPsP·P_e, PsP·PSP°Pe C, P°C...C-C, C-P»P°PeC₁C-C— PiCH₃P_e
 C, CH₃P_ePIP°P»PsPjC₁ P»C-PeC₁PIP°PSPSC- P°P±Ps CH₃P_μC₁P_ePrP_ePiC₁
 P°CH₃C, P_μCH₃C-P°P»CH₃PSPsC— PiC-PiP_μCH₃C, P_μPSP·C-C— PiC-C₁P»C₁
 PiCH₃P_ePiP_ePSP_μPSPSC₁ P»C-PeC₁PIP°PSPSC₁ PSP_μ PIC-PrP·PSP°C₁P°P»PsC₁C₁.

P_μC-ClP»C_μ P_iC_μP_ePN_ePsPjC_r P_i C, P_μC_μP_oP_iP_μPIC, P_eC_μPSP_eC... PrPsP·P^oC... C_r
 P_iP^oC_μC-C"PS_C, C-PI P· P^oC_μC, P_μC_μC-P^oP»CH_μPS_PSC_μ P_iC-P_iP_μC_μC, P_μPS_P·C-C"CH
 P^oPjP»PsPrP_eP_iC-PS P·P^oP±P_μP·P_iP_μC_μC_rC" P_μC,, P_μPeC, P_ePI_PSP_μ P·PSP_eP_μP_μPS_PSC_μ
 P^oC_μC, P_μC_μC-P^oP»CH_μPS_PSP_iPs C, P_eC_rP_eC_r P_i P_iPsP»PsP_μP_μPS_PSC_μC...
 P_iP^oC_μC-C"PS_C, P^o P»P_μP_μP^oC_μP_e, C_rP_ePrC_μC_μP_e C- C_rC, PsC_μC_μP_e. P_yC_μP_ePI_P°P»P_μ
 P·P^oC_rC, PsC_rC_rPI_P°PSPSC_μ P^oPjP»PsPrP_eP_iC-PS_C P_μ P_iPsPI_μ™ C_μP·P^oSP_μ P·
 C-C_rC, PsC, PSP_ePjP_e P·PjC-PSP^oPjP_e C_μP^oC_rC, PsC, P_e C_rP_μC_μC_μP_μPI_P°C...
 C_rP_ePsC_μPsC_μP_μPSCH_μ P^oP±Ps C_μC-PI_PSC_μ P_eP^oC, P_μC...PsP»P^oPjC-PS_C-PI C_r
 P_iP»P^oP·PjC-. Pj P_iP^oC_μC-C"PS_C, C-PI P· P^oC_μC, P_μC_μC-P^oP»CH_μPS_PSC_μ
 P_iC-P_iP_μC_μC, P_μPS_P·C-C"CH C, P^o PSP_SC_μPjP^oP»CH_μPS_PSC_μ C,, C_rPS_PPeC_μC-C"CH
 PSP_eC_μPsPe P^oPjP»PsPrP_eP_iC-PS P_i C, P_μC_μP_oP_iP_μPIC, P_eC_μPSP_eC... PrPsP·P^oC...
 P·PjP_μPS_C€C_rPI_P°PI PsP_iC-C_μ PSP_eC_μPePsPI_P°C... C_rC_rPrP_ePS C-
 P_iC-PrPI_P°C%_oC_rPI_P°PI C€PI_P°PrP_eC-C_rC, CH_μ PeP»C_rP±PsC_μPePsPI_PSC-
 C,, C-P»CH_μC, C_μP^oC_μC-C- C, P^o P_μC,, P_μPeC, P_ePI_PSC_r C€PI_P°PrP_eC-C_rC, CH_μ
 P_iPsC, PsPeC_r P_iP»P^oP·PjP_e P_i PSP_eC_μPeP^oC..., PSP_μ P·PjC-PSCH_μC_μP_e
 C,, C-P»CH_μC, C_μP^oC_μC-PM_ePS_PSC- C,, C_μP^oPeC_μC-C- C- PSP_μ P_iC_μPsPI_P°PeC_rC_μC_μP_e
 C_μPsP·PI_P°C, PeC_r P_iC_μPsC, P_μC-PSC_rC_μC-C-.

PJ PrPsC_rP»C-PrP_μP_μPS_PSC_μC... P_iP_μPjPsPrP_ePSP^oPjC-PeP_e C_r P_iP^oC_μC-C"PS_C, C-PI
 C-P· C_rP_μC_μC_μP_μPI_P°SC_μ PSP_μPrPsC_rC, P^oC, PS_C-C_rC, CH_μ, P^o C, P^oPePsP_μ C_r
 PeP»C-PS_C-C_μPSP_eC... PrPsC_rP»C-PrP_μP_μPS_PSC_μC... P·C- C_rC, C_μP_μC_rC, P_μC_rC, PsPj
 P_iC_μP_e C_rP_μC_μC_μP_μPIC-PM_e PSP_μPrPsC_rC, P^oC, PSP_SC_rC, C- (PeP»P^oC_rP_e II-IV P·P^o
 NYHA) P^oPjP»PsPrP_eP_iC-PS PSP_μ P_iPsP_iC-C_μC€C_rPI_P°PI C_rC, P^oPS_C
 C_rC_μP^oC_rPSP_ePeC-PI PrPsC_rP»C-PrP_μP_μPS_PSC_μ, C%_oPs PsC_μC-PSCH_μPI_P°PIC_rC_μ P·P^o
 P_iP_μC_μP_μPS_PSC_rP_ePjC-C_rC, CH_μ PSP^oPI_P°PS_C, P^oP_μPSCH_μ, C,, C_μP^oPeC_μC-C"CH
 PI_P°PeP_ePrC_r P»C-PI_P°PiPs C€P»C_rPS_PSC_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- C_rP_ePjP_iC, PsPjP^oPjP_e.

PJ P_iP»P^oC_μP_μP±Ps-PePsPS_C, C_μPsP»CH_μPsPI_P°PSP_SPjC_r PrPsC_rP»C-PrP_μP_μPS_PSC-
 (PRAISE) P·P^o C_rC_μP^oC_rC, CH_μ P_iP^oC_μC-C"PS_C, C-PI C-P· C_rP_μC_μC_μP_μPI_P°SC_μ
 PSP_μPrPsC_rC, P^oC, PS_C-C_rC, CH_μ (PeP»P^oC_rP_e III-IV P·P^o NYHA), C_μPeC-
 PsC, C_μP_ePjC_rPI_P°P»P_e PrP_eP_iPsPeC_rP_ePS, PrC-C_rC_μP_μC, P_ePeP_e C, P^o
 C-PS_PIC-P±C-C, PsC_μP_e P_μP_μα, P±C_rP»Ps P_iPsPeP^oP·P^oPS_P, C%_oPs
 P^oPjP»PsPrP_eP_iC-PS PSP_μ P·P±C-P»CH_μC€C_rC" C_μP_eP·P_ePe C_r P»P_μC, P^oP»CH_μPS_PSP_iPs
 PSP^oC_rP»C-PrPeC_r P^oP±Ps P_iC-PrPI_P°C%_oP_μPS_PSC_μ C_rPjP_μC_μC, PSP_SC_rC, C- C, P^o
 P·P^oC...PI_P°SC_μPsPI_P°PSP_SC_rC, C- C_r P_iP^oC_μC-C"PS_C, C-PI C-P· C_rP_μC_μC_μP_μPI_P°SC_μ
 PSP_μPrPsC_rC, P^oC, PS_C-C_rC, CH_μ.

PJ P_iPsPrP^oP»CH_μC€PsPjC_r PrPsPI_P°PiPsC_rC, C_μPsPePsPI_P°PjC_r P_iP»P^oC_μP_μP±Ps-
 PePsPS_C, C_μPsP»CH_μPsPI_P°PSP_SPjC_r PrPsC_rP»C-PrP_μP_μPS_PSC- (PRAISE-2)
 P^oPjP»PsPrP_eP_iC-PS_C P·P^o C_rC_μP^oC_rC, CH_μ P_iP^oC_μC-C"PS_C, C-PI C-P·
 C_rP_μC_μC_μP_μPI_P°SC_μ PSP_μPrPsC_rC, P^oC, PS_C-C_rC, CH_μ (NYHA, III C- IV) P±P_μP·
 PeP»C-PS_C-C_μPSP_eC... C_rP_ePjP_iC, PsPjC-PI P^oP±Ps PsP±B_μ™ C"PeC, P_ePI_PSP_eC...
 PrP^oPSP_eC..., C_μPeC- P± C_rPIC-PrC_μP_eP»P_e P_iC_μPs C-C€P_μPjC-C_μPS_C
 C...PI_P°SC_μPsP±C_r C_rP_μC_μC_μC_μ, P_iC_μP_e P»C-PeC_rPI_P°PSPSC-
 C-PS_PIC-P±C-C, PsC_μP^oPjP_e P_μP_μα, P_iC_μP_μP_iP^oC_μP^oC, P^oPjP_e
 PSP^oP_iP_μC_μC_rC, C_μPS_PPeP_e C, P^o PrC-C_rC_μP_μC, P_ePeP^oPjP_e P_i P_iPsC_rC, C-PM_ePSP_eC...

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-PI PSCĬPSPSC- 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-PI PSCĬPSPSCĬ 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°CĬPI PSC-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-PI PµPSCĤ
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-PrPeCf. P—PSP°C†CfC‰PëC... PIC-PrPjC-PSPSPsCÍC,PµPNë C‰PsPrPs
PîPµCĤPIPëPSPSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë PrPsCÍP»C-PrP¶PµPSPSCĬ
PjC-P¶ C,PµCĤP°PîC-C"Ĥ P°PjP»PsPrPëPîC-PSPsPj C- C...P»PsCĤC,P°P»C-PrPsPSPsPj
PSPµ P±CfP»Ps: PhP (RR 0,98 95 % P"Pt (0,90–1,07) CĤ = 0,65. P©Ps
CÍC,PsCÍCfC"C,CHCÍCĬ PIC,PsCĤPëPSPSPëC... PeC-PSC†PµPIPëC... C,PsC†PsPe
PrPsCÍP»C-PrP¶PµPSPSCĬ, C†P°CÍC,PsC,P° CĤPsP·PIPëC,PeCf CÍPµCĤC†PµPIPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- (PePsPjPîPsPSPµPSC, PePsPjP±C-PSPsPIP°PSPsC—
PeC-PSC†PµPIPsC— C,PsC†PePë CÍPµCĤC†PµPIPs-CÍCfPrPëPSPSPsPiPs
P·P°C...PIPsCĤCĤPIP°PSPSCĬ) P±CfP»P° P·PSP°C†PSPs PIPëC‰PsCĤ Cf PiCĤCfPîC-
P°PjP»PsPrPëPîC-PSCf PîPsCĤC-PIPSCĬPSPs P· PiCĤCfPîPsCĤ
C...P»PsCĤC,P°P»C-PrPsPSCf (10,2 % C- 7,7 %, PhP 1,38, 95 % P"Pt [1,25–1,52] p
< 0,001). PhPrPSP°Pe P·PSP°C†CfC‰PëC... PIC-PrPjC-PSPSPsCÍC,PµPNë C‰PsPrPs
PîPsPeP°P·PSPëPeP° CÍPjPµCĤC,PSPsCÍC,C- P· P±CfPrCĤ-CĬPePsC— PîCĤPëC†PëPSPë
PjC-P¶ C,PµCĤP°PîC-C"Ĥ P°PjP»PsPrPëPîC-PSPsPj C- C...P»PsCĤC,P°P»C-PrPsPSPsPj
PSPµ P±CfP»Ps (PhP 0,96, 95 % P"Pt [0,89BĤ"1,02], p = 0,20).

P†PSCëP° C-PSC„PsCĤPjP°C†C-CĬ

PŸPîC-P»CHPSPµ P·P°CÍC,PsCÍCfPIP°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·PëPSCf II P±CfP»Ps
PrPsCÍP»C-PrP¶PµPSPs Cf 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° CfC†P°CÍC,CĤ PîP°C†C-C"PSC,C-PI C-P· CÍPµCĤC†PµPIPs-
CÍCfPrPëPSPSPëPj P°P±Ps C†PµCĤPµP±CĤPsPIP°CÍPeCfP»CĬCĤPSPëPj
P·P°C...PIPsCĤCĤPIP°PSPSCĬPj PI P°PSP°PjPSPµP·C- P°P±Ps C†CfPeCĤPsPIPëPj
PrC-P°P±PµC,PsPj 2 C,PëPîCf, C‰Ps CÍCfPîCĤPsPIPsPrP¶CfC"C,CHCÍCĬ
PsP·PSP°PeP°PjPë CÍCĤP°P¶PµPSPSCĬ PsCĤPiP°PSCf-PjC-CëPµPSC-. VA NEPHRON-D
CĬPIP»CĬP»Ps CÍPsP±PsCĤ PrPsCÍP»C-PrP¶PµPSPSCĬ, PîCĤPsPIPµPrPµPSPµ P·P°
CfC†P°CÍC,CĤ PîP°C†C-C"PSC,C-PI P· C†CfPeCĤPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPîCf
C,P° PrC-P°P±PµC,PëC†PSPsCĤ PSPµC„CĤPsPîP°C,C-C"Ĥ. PîC-
PrPsCÍP»C-PrP¶PµPSPSCĬ PSPµ PIPëCĬPIPëP»Pë P·PSP°C†PëPjPsPiPs
CÍPîCĤPëCĬC,P»PëPIPsPiPs PIPîP»PëPICf PSP° CĤPµP·CfP»CHC,P°C,
PSPëCĤPePsPIPëC... C,P°/P°P±Ps CÍPµCĤC†PµPIPs-CÍCfPrPëPSPSPëC...
P·P°C...PIPsCĤCĤPIP°PSCĤ C- PSP° CÍPjPµCĤC,PSC-CÍC,CH PIC-Pr PSPëC..., C,PsPrC-
CĬPe Cf PîPsCĤC-PIPSCĬPSPSC- P· PjPsPSPsC,PµCĤP°PîC-C"Ĥ
CÍPîPsCÍC,PµCĤC-PiP°PICÍCĬ PîC-PrPIPëC‰PµPSPëPñ CĤPëP·PëPe CĤPsP·PIPëC,PeCf
PiC-PîPµCĤPeP°P»C-C"PjC-C—, PiPsCÍC,CĤPsPiPs CÍCĤP°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·CfP»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·PëPSCf 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.

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

P_μC-ΓP»CΠ P_ΠμC_ΠPsC_ΠP°»C_ΠSPSPsP_ΠPs P·P°C_ΓC,PsC_ΓC_ΓPIP°PSPSCΠ
 P_ΠC_ΠμP_ΠP_ΠP°C_ΠP°C,C_Γ P_ΥμPIC-PeP°C_Π P_jP°PeC_ΓP_ΠP_jP°P»C_ΠSPSP°
 PePsPSC†P_μPSC,C_ΠP°C†C-CΠ PsP»P_jμC_ΓP°C_ΠC,P°PSC_Γ P_jμPrPsPeC_ΓPsP_jC-P»C_Γ C,P°
 P°P_jP»PsPrP_ΠP_ΠC-PSC_Γ C_Γ P_ΠP»P°P·P_jC- PeC_ΠPsPIC- PrPsC_ΓCΠP_ΠP°C”C,C_ΠC_ΓCΠ
 C†P_μC_ΠμP· 1,5B_Π”2 C,P° 6B_Π”8 P_ΠPsPrP_ΠPS PIC-PrP_ΠPsPIC-PrPSPs.
 P_ΠPIP_ΠPrPeC-C_ΓC,C_Π C,P° C_ΓC,C_ΓP_ΠC-PSCH_Π PIC_ΓP_jPsPeC,C_ΓPIP°PSPSCΠ PrPIP_ΠC...
 PrC-C_ΠC†P_ΠC... C_ΠμC†PsPIP_ΠPS P_ΠC_ΠμP_ΠP_ΠP°C_ΠP°C,C_Γ P_ΥμPIC-PeP°C_Π
 PIC-PrP_ΠPsPIC-PrP°C” C—C...PSC-PN_Π C_ΠPIP_ΠPrPePsC_ΓC,C- C,P°
 PIC_ΓP_jPsPeC,C_ΓPIP°PSPSC_Π P_ΠC_ΠμP_Π P·P°C_ΓC,PsC_ΓC_ΓPIP°PSPSC- PsPeC_ΠμP_jPs.
 P’C-PsPrPsC_ΓC,C_ΓP_ΠPSC-C_ΓC,C_Π PsP»P_jμC_ΓP°C_ΠC,P°PSC_Γ P_jμPrPsPeC_ΓPsP_jC-P»C_Γ
 C,P° P°P_jP»PsPrP_ΠP_ΠC-PSC_Γ C_Γ C_ΓPeP»P°PrC- P»C-PeP°C_ΠC_ΓCH_ΠPePsP_ΠPs P·P°C_ΓPsP±C_Γ
 P_ΥμPIC-PeP°C_Π PSPμ P·P°P»PμP_ΠP_ΠC,C_Π PIC-Pr P_ΠC_ΠμP_ΠPN_ΠPsP_jC_Γ C—P_ΠC-.

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

P'CT'PjPsPeC,CrPIP°PSPSCI C,P° C_HPsP·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†CḡC%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†CḡC%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·CḡCḡC,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-PIPSC†PSPs 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,PëPIPSPsC—
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,PëPIPSPsC—
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°C₇PSPsC₇ C†PëC†C,P_μPjPsC₇ (PïC₇PëP±P»PëP·PSPs
60 %). PjC†C† PIPëC†PIP»P_μPSP° C₇P°PrC-PsP°PeC,PëPIPSC-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†C₇, C,Ps PN₀PsPiPs
P·P°C†C,PsC†C†PIP°PSPSC† C...PIPsC₇PëPj C-P· P±C-P»C-P°C₇PSPsC₇
PsP±C†C,C₇C†PeC†C-C”C₇ 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-PIPSPsPIP°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·PiB₇TM 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

PiC7P6PN6PsPjC7 PePsP»PmC7PmPIPIPmP»P°PjC7 PiC-PrC7PsC...P»PsC7P6PrC7. P§P°C7
PSP°PiC-PIPIP6PIPIPmPrPmPSPSC7 PsP»PjPmC7P°C7C,P°PSC7 P·PSP6P¶C7PIP°PIC7C7
PSP° 50B7“52 % PSPmP·P°P»PmP¶PSPs PIC-Pr C,PsPiPs, PiC7P6P·PSP°C7P°P»P6C7C7
PiC7PmPiP°C7P°C,P6 C7PiC-P»CHBPSPs C7P6 PiC7P6PN6PsPj PsP»PjPmC7P°C7C,P°PSC7
PIC-PrP±C7PIP°PIC7C7 P·P° 4 PiPsPrP6PSP6 PrPs PiC7P6PN6PsPjC7
PePsP»PmC7PmPIPIPmP»P°PjC7 PiC-PrC7PsC...P»PsC7P6PrC7 (PrP6PI. C7PsP·PrC-P»
B«P·P·P°C”PjPsPrC-C7 P· C-PSC6P6PjP6 P»C-PeP°C7C7CHPeP6PjP6 P·P°C7PsP±P°PjP6
C,P° C-PSC6C- PIP6PrP6 PIP·P°C”PjPsPrC-PN6B»).

P7PjP»PsPrP6PiC-PS (PrC-CHC7P° C7PmC7PsPIPIP6PSP° P7PmPIC-PeP°C7C7)

P·C7PjPsPeC,C7PIP°PSPSC7 C,P° C7PsP·PiPsPrC-P»

PmC-C7P»C7 PiPmC7PsC7P°P»CHBPSPsPiPs P·P°C7C,PsC7C7PIP°PSPSC7 C7
C,PmC7P°PiPmPIC,P6C7PSP6C... PrPsP·P°C... P°PjP»PsPrP6PiC-PS PrPsP±C7Pm
PIC7PjPsPeC,C7C”C,CHC7C7 C-P· PrPsC7C7PiPSPmPSPSC7Pj PiC-PePsPIPsC—
PePsPSC7PmPSC,C7P°C7C-C— C7 PeC7PsPIC- C7PmC7PmP· 6B7“12 PiPsPrP6PS
PiC-C7P»C7 PiC7P6PN6PsPjC7. P7P±C7PsP»CHC,PSP° P±C-PsPrPsC7C,C7PiPSC-C7C,CH
C7C,P°PSPsPIP6C,CH PiC7P6P±P»P6P·PSPs 64B7“80 %. PhP±B7™ C”Pj
C7PsP·PiPsPrC-P»C7 C7C,P°PSPsPIP6C,CH PiC7P6P±P»P6P·PSPs 21 P»/PePi.
P”PsC7P»C-PrP¶PmPSPSC7 *in vitro* PiPsPeP°P·P°P»P6, C%oPs PjP°PN6P¶Pm 97,5 %
C7P6C7PeC7P»CHCHC7PsPiPs P°PjP»PsPrP6PiC-PSC7 P·PIB7™ C7P·C7C”C,CHC7C7 P·
PiC7PsC,PmC—PSP°PjP6 PiP»P°P·PjP6.

PmC7P6PN6PsPj C—P¶C- PSP° PiC7PsC7PmC7 PIC7PjPsPeC,C7PIP°PSPSC7
P°PjP»PsPrP6PiC-PSC7 PSPm PIPiP»P6PIP°C”.

P7PmC,P°P±PsP»C-P·Pj C,P° PIP6PIPIPmPrPmPSPSC7

PmPmC7C—PsPr PSP°PiC-PIPIP6PIPIPmPrPmPSPSC7 P· PiP»P°P·PjP6 PeC7PsPIC—
C7P°P·PsPIPsC— PrPsP±PsPIPsC— PrPsP·P6 PePsP»P6PIP°C”C,CHC7C7 PIC-Pr 35 PrPs
50 PiPsPrP6PS. P7PjP»PsPrP6PiC-PS P·PSP°C7PSPsC7 PjC-C7PsC7
PjPmC,P°P±PsP»C-P·C7C”C,CHC7C7 C7 PiPmC7C—PSC7C— P· C7C,PIPsC7PmPSPSC7Pj
PSPmP°PeC,P6PIPSP6C... PjPmC,P°P±PsP»C-C,PI. PmC7P6P±P»P6P·PSPs 60 %
PIPIPmPrPmPSPsC— PrPsP·P6 PIP6PIPsPrP6C,CHC7C7 P·C— C7PmC7PmC7,
PiC7P6P±P»P6P·PSPs 10 % P· C7PeP6C... C7C,P°PSPsPIP6C,CH P°PjP»PsPrP6PiC-PS C7
PSPmP·PjC—PSPmPSPsPjC7 PIP6PiP»C7PrC—.

*P7P»PjPmC7P°C7C,P°PSC7 PjPmPrPsPeC7PsPjC-P» C,P° P°PjP»PsPrP6PiC-PS
(PrC-CHC7C— C7PmC7PsPIPIP6PSC7 P7PmPIC-PeP°C7C7)*

PhPeC7PmPjC- PiC7C7PiP6 PiP°C7C-C”PSC,C-PI

P”C-C,P6 (PIC-PePsPj PrPs 18 C7PsPeC-PI)

P”P°PSP6C... PiC7Ps C,,P°C7PjP°PePsPeC-PSPmC,P6PeC7 C7 PrC-C,PmPN6 PSPmPjP°C”.

PmP°C7C-C”PSC,P6 P»C-C,PSCHBPsiPs PIC-PeC7 (PIC-PePsPj PIC-Pr 65 C7PsPeC-PI)

P”PsPIPIPmPrPmPSPs, C%oPs PiC7P6 P°C7C,PmC7C-P°P»CHBPSC-PN6
PiC-PiPmC7C,PmPSP·C-C— AUC (PiP»PsC%oP° PiC-Pr PeC7P6PIPsC7

P_hP_jP»PsPrPëPïC-PS P·PSP°C‡PSPsC_h P_jC-C_hP_sC_h P_jP_uC,P°P±PsP»C-P·C_rC''C,C_hC_fC_l
 PrPs PSP_uP°PeC,PëPIPSPëC... P_jP_uC,P°P±PsP»C-C,C-PI. 10 % C_hP_uC‡PsPIPëPSPë
 PIPëPIPsPrPëC,C_hC_fC_l C-P· C_fP_uC‡P_uC_h C_r PSP_uP·P_jC-PSP_uPSPsP_jC_r C_fC,P°PSC-.
 P—P_jC-PSP° PePsPSC‡P_uPSC,C_hP°C‡C-C— P°P_jP»PsPrPëPïC-PSC_r C_r PïP»P°P·P_jC-
 PeC_hP_sPIC- PSP_u PePsC_hP_uP»C_hC''C,C_hC_fC_l P·C- C_fC,C_rPiP_uPSP_uP_j
 PïPsC_hC_rC€P_uPSPSC_l C,,C_rPSPeC‡C-C— PSPëC_hP_sPe. P_yP°PePëP_j C...PIPsC_hPëP_j
 P°P_jP»PsPrPëPïC-PS P_jPsP¶PSP° PïC_hPëP·PSP°C‡P°C,Pë C_r P·PIPëC‡P°PN₂PSPëC...
 PrPsP·P°C.... P_hP_jP»PsPrPëPïC-PS PSP_u PIPëPIPsPrPëC,C_hC_fC_l P·P°
 PrPsPïPsP_jPsPiPsC_h PiP_uP_jPsPrC-P°P»C-P·C_r.

PμPsCḡCžC€PμPSPSCḡ C,,CžPSPeC†C-PNḡ PiPμC‡C-PSPePë

PḡC-CḡP»Cḡ PsPrPSPsCḡP°P·PsPIPsPiPs PiPμCḡPsCḡP°P»CHPSPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P·PSP°C‡PμPSPSCḡ AUC PsP»PjPμCḡP°CḡC,P°PSCḡ
P±CḡP»Pë PSP° 6 % C,P° PSP° 65 % PIPëC%ḡPëPjPë Cḡ C...PIPsCḡPëC... C-P·
PiPsCḡCḡC€PμPSPSCḡPjPë C,,CḡPSPeC†C-C— PiPμC‡C-PSPePë P»PμPiPePsPiPs P°P±Ps
PiPsPjC-CḡPSPsPiPs CḡC,CḡPiPμPSCḡ PIC-PrPiPsPIC-PrPSPs PiPsCḡC-PIPSCḡPSPs P·C-
P·PrPsCḡPsPIPëPjPë PrPsP±CḡPsPIPsP»CHC†CḡPjPë. PkPμP·PiBḡ™ CḡP·P°PSP°
C,,CḡP°PeC†C-Cḡ PsP»PjPμCḡP°CḡC,P°PSCḡ C‡PμCḡPμP· 2 PiPsPrPëPSPë PiC-CḡP»Cḡ
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI, Cḡ
C...PIPsCḡPëC... P· P»PμPiPePëPj P°P±Ps PiPsPjC-CḡPSPëPj PiPsCḡCḡC€PμPSPSCḡPj
C,,CḡPSPeC†C-C— PiPμC‡C-PSPePë CḡC,P°PSPsPIPëP»P° 0,26 %, 0,34 % C,P° 0,41 %
PIC-PrPiPsPIC-PrPSPs. PḡCḡPë P±P°PiP°C,PsCḡP°P·PsPIPsPjCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSC- CḡPμCḡPμPrPSCḡ AUC PsP»PjPμCḡP°CḡC,P°PSCḡ Cḡ
C...PIPsCḡPëC... P· PiPsCḡCḡC€PμPSPSCḡPj C,,CḡPSPeC†C-C— PiPμC‡C-PSPePë
CḡPμCḡPμPrPSCḡPsPiPs CḡC,CḡPiPμPSCḡ C,CḡPḡPePsCḡC,C- P±CḡP»P° PSP° 65 %
PIPëC%ḡPsCḡ, PSC-Pḡ Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI.
PḡPμCḡPμPrPSC” P·PSP°C‡PμPSPSCḡ Pḡ_{max} PsP»PjPμCḡP°CḡC,P°PSCḡ Cḡ
C...PIPsCḡPëC... P· PiPsCḡCḡC€PμPSPSCḡPj C,,CḡPSPeC†C-C— PiPμC‡C-PSPePë C,P°
P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI P±CḡP»Pë PiPsPrC-P±PSC-.
PhP»PjPμCḡP°CḡC,P°PSCḡ PjPμPrPsPeCḡPsPjC-P» PSPμ PsC†C-PSCḡPIP°P»Pë Cḡ
C...PIPsCḡPëC... P· C,CḡPḡPePëPj PiPsCḡCḡC€PμPSPSCḡPj PiPμC‡C-PSPePë (PrPëPI.
CḡPsP·PrC-P»Pë B«PḡPiPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PëB»,
B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P”PsCḡC,CḡPiPSC- P»PëC€Pμ PrCḡPḡPμ PsP±PjPμPḡPμPSC- PeP»C-PSC-C‡PSC-
PrP°PSC- CḡC,PsCḡPsPIPsP P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P°PjP»PsPrPëPiC-PSCḡ
C...PIPsCḡPëPj C-P· C,CḡPḡPePëPjPë PiPsCḡCḡC€PμPSPSCḡPjPë C,,CḡPSPeC†C-PNḡ
PiPμC‡C-PSPePë. Pj C...PIPsCḡPëC... P· PiPsCḡCḡC€PμPSPSCḡPj C,,CḡPSPeC†C-C—
PiPμC‡C-PSPePë CḡPiPsCḡC,PμCḡC-PiP°C”C,CHCḡCḡ P·PSPëPḡPμPSPSCḡ
PeP»C-CḡPμPSCḡCḡ P°PjP»PsPrPëPiC-PSCḡ C,P° PiPsPrPsPIPḡPμPSPSCḡ
PiPμCḡC-PsPrCḡ PSP°PiC-PIIPëPIPμPrPμPSPSCḡ, C%ḡPs PiCḡPëP·PIPsPrPëC,CH PrPs
P·P±C-P»CHC€PμPSPSCḡ AUC PiCḡPëP±P»PëP·PSPs PSP° 40Bḡ“60 % (PrPëPI.
CḡPsP·PrC-P»Pë B«PḡPiPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PëB»,
B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

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

P— PsPiP»CḡPrCḡ PSP° PrPsPeP»C-PSC-C‡PSPëPNḡ PiCḡPsC,,C-P»CH
C,PsPeCḡPëC‡PSPsCḡC,C- PePsPḡPSPsC— PrC-CḡC‡PsC— CḡPμC‡PsPIPëPSPë
PiC-PrPIPëC%ḡPμPSPSCḡ C,PsPeCḡPëC‡PSPsCḡC,C- PrP»Cḡ
PePsPjP±C-PSPsPIP°PSPsPiPs PiCḡPμPiP°CḡP°C,Cḡ PSPμ PsC‡C-PeCḡC”C,CHCḡCḡ,
PsCḡPeC-P»CHPePë C†C- CḡPμC‡PsPIPëPSPë PIPIP»PëPIP°CḡC,CH PSP° CḡC-P·PSC-
PsCḡPiP°PSPë: PsP»PjPμCḡP°CḡC,P°PSCḡ PjPμPrPsPeCḡPsPjC-P» PrC-C” PSP°
PSPëCḡPePë, P° P°PjP»PsPrPëPiC-PS – PSP° CḡPμCḡC†Pμ.

Pj 3-PjC-CḡCḡC‡PSPsPjCḡ PrPsCḡP»C-PrPḡPμPSPSC- C,PsPeCḡPëC‡PSPsCḡC,C-
PePsPjP±C-PSPsPIP°PSPsPiPs PiCḡPμPiP°CḡP°C,Cḡ PsP»PjPμCḡP°CḡC,P°PSCḡ

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

$P''PsCfP \gg C-PrP \parallel P_{\mu}PSPSC \parallel C \bar{H}P_{\mu}P \bar{C} \bar{H}P_sPrC_rPeC, P \bar{e}PIPSPsC - C,, CrPSPeC \dagger C-C - PSP^{\circ}$
 $C^{\circ} \% CrC \bar{H}P^{\circ}C \dots C - PjP \bar{e}C \bar{e}P^{\circ}C \dots PIP \bar{e}C \parallel PIP \bar{e}P \gg P \bar{e} P \cdot P^{\circ}C, C \bar{H}P \bar{e}PjPeC_r PSP^{\circ}C \bar{f}C, P^{\circ}PSPSC \parallel$
 $P \bar{i}PsP \gg PsPiC-PI, P \cdot P \pm C-P \gg CHC \bar{e}P_{\mu}PSPSC \parallel C \dagger P^{\circ}C \bar{f}C_r P \bar{i}P_{\mu}C \bar{H}P_{\mu}PN \bar{o}PjC-PI C-$
 $P \cdot PjP_{\mu}PSC \bar{e}P_{\mu}PSPSC \parallel PIP \bar{e}P \parallel P \bar{e}PIP^{\circ}PSPSC \parallel P \bar{i}PsC, PsPjC \bar{f}C, PIP^{\circ} P \bar{i}C \bar{H}P \bar{e}$
 $P \bar{i}C \bar{H}P \bar{e}PN \bar{o}PsPiC- PrPsP:, P \bar{i}C \bar{H}P \bar{e}P \pm P \gg P \bar{e}P \cdot PSPs PI 50 C \bar{H}P^{\circ}P \cdot C-PI P \pm C-P \gg CHC \bar{e}P \bar{e}C \dots,$

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°CḡCḡPIP°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.

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

$P\check{Y}P_{\mu}PIC - PeP^{\circ}Cf P_{\mu}PsPeP^{\circ}P \cdot P^{\circ}PSP\check{P}N_{\circ} PrPsCfPsCfP \gg P\check{e}Pj P_{\mu}C \uparrow C - C''PSC, P^{\circ}Pj, C_f C \downarrow PeP\check{e}C...$
 $PjPsPSPsC, P_{\mu}CfP^{\circ}PiC - C \downarrow PsP \gg PjP_{\mu}CfP^{\circ}CfC, P^{\circ}PSC_f PjP_{\mu}PrPsPeCfPsPjC - P \gg PsPj P^{\circ}P \pm Ps$
 $P^{\circ}PjP \gg PsPrP\check{e}PiC - PSPsPj PSP_{\mu} P \cdot P^{\circ}P \pm P_{\mu}P \cdot P_{\mu}C \uparrow C_f C'' PSP_{\mu}PsP \pm C...C - PrPSPsPiPs$
 $PePsPSC, CfPsP \gg C_f P^{\circ}CfC, P_{\mu}CfC - P^{\circ}P \gg CHBPSPsPiPs C, P\check{e}CfPeC_f (PrP\check{e}PI. CfPsP \cdot PrC - P \gg P\check{e}$
 $B \ll P\check{Y}PiPsCfC - P \pm P \cdot P^{\circ}CfC, PsCfC_f PIP^{\circ}PSPSC \downarrow C, P^{\circ} PrPsP \cdot P\check{e}B \gg,$
 $B \ll P \propto P^{\circ}CfPjP^{\circ}PePsPrP\check{e}PSP^{\circ}PjC - PeP^{\circ}B \gg$).

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

$P_{\mu}C - PrPIP\check{e}C_{\%}P_{\mu}PSP^{\circ} C \uparrow C_f C, P \gg P\check{e}PIC - CfC, CH PrPs PrC - CfC \uparrow P\check{e}C...$ $CfP_{\mu}C \uparrow PsPIP\check{e}PS,$
 $P_{\mu}PsC...C - PrPSP\check{e}C... PrP\check{e}PiC - PrCfPsPiC - CfP\check{e}PrP\check{e}PSC_f P^{\circ}P \pm Ps P \pm C_f PrCH - C \downarrow PePsC -$
 $P \cdot PrPsPiPsPjC - P \nparallel PSP\check{e}C... CfP_{\mu}C \uparrow PsPIP\check{e}PS (PrP\check{e}PI. CfPsP \cdot PrC - P \gg B \ll P\check{Y}PeP \gg P^{\circ}PrB \gg).$

– $P^{\circ}P^{\circ}PiC - C, PSC - CfC, CH C, P^{\circ} P_{\mu}P \gg P^{\circ}PSC_f PIP^{\circ}PSPSC \downarrow PIP^{\circ}PiC - C, PSPsCfC, C - (PrP\check{e}PI.$
 $CfPsP \cdot PrC - P \gg P\check{e} B \ll P_{\mu}CfPsP \pm P \gg P\check{e}PiPsCfC, C - P \cdot P^{\circ}CfC, PsCfC_f PIP^{\circ}PSPSC \downarrow B \gg,$
 $B \ll P - P^{\circ}CfC, PsCfC_f PIP^{\circ}PSPSC \downarrow C_f P_{\mu}CfC - PsPr PIP^{\circ}PiC - C, PSPsCfC, C - P^{\circ}P \pm Ps$
 $PiPsPrC_f PIP^{\circ}PSPSC \downarrow PiCfC_f PrPrCfB \gg$).

– $P\check{Y}C \downarrow P \nparallel PeP^{\circ} P_{\mu}C \uparrow C - PSPePsPIP^{\circ} PSP_{\mu}PrPsCfC, P^{\circ}C, PSC - CfC, CH C, P^{\circ}$
 $PSP_{\mu}PiCfPsC...C - PrPSC - CfC, CH P \nparallel PsPIC \uparrow PSP\check{e}C... C\epsilon P \gg C \downarrow C...C - PI (PrP\check{e}PI. CfPsP \cdot PrC - P \gg$
 $B \ll P \propto P^{\circ}CfPjP^{\circ}PePsPeC - PSP_{\mu}C, P\check{e}PeP^{\circ}B \gg$).

– $P_{\mu}PrPSPsC \uparrow P^{\circ}CfPSP_{\mu} P \cdot P^{\circ}CfC, PsCfC_f PIP^{\circ}PSPSC \downarrow P_{\mu}CfP_{\mu}P_{\mu}P^{\circ}CfP^{\circ}C, C_f$
 $P\check{Y}P_{\mu}PIC - PeP^{\circ}Cf C, P^{\circ} P \gg C - PeP^{\circ}CfCfCHPeP\check{e}C... P \cdot P^{\circ}CfPsP \pm C - PI, C_{\%}Ps$
 $PjC - CfC, C \downarrow C, CH P^{\circ}P \gg C - CfPeC - CfP_{\mu}PS, P_{\mu}CfPsC, P\check{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSP_{\mu}$
 $P_{\mu}P^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj P \cdot C \uparrow C_f PeCfPsPIP\check{e}Pj PrC - P^{\circ}P \pm P_{\mu}C, PsPj P^{\circ}P \pm Ps$
 $P_{\mu}PsCfC_f C\epsilon P_{\mu}PSPSC \downarrow Pj C, C_f PSPeC \uparrow C - C - PSP\check{e}CfPsPe$
 $(P\check{e}P_{\mu}P \propto < 60 PjP \gg / C...PI/1,73 Pj^2) (PrP\check{e}PI. CfPsP \cdot PrC - P \gg P\check{e} B \ll P^{\circ}P \cdot P^{\circ}C''PjPsPrC - C \downarrow P \cdot$
 $C - PSC\epsilon P\check{e}PjP\check{e} P \gg C - PeP^{\circ}CfCfCHPeP\check{e}PjP\check{e} P \cdot P^{\circ}CfPsP \pm P^{\circ}PjP\check{e} C, P^{\circ} C - PSC\epsilon C - PIP\check{e}PrP\check{e}$
 $PIP \cdot P^{\circ}C''PjPsPrC - P_{\mu}B \gg, B \ll P \propto P^{\circ}CfPjP^{\circ}PePsPrP\check{e}PSP^{\circ}PjC - PeP^{\circ}B \gg$).

$P_{\mu}P_{\mu}CfP_{\mu}P \cdot PSP^{\circ}C \downarrow PIPSC - CfC, CH C_f CfPeP \gg P^{\circ}PrC - P^{\circ}PjP \gg PsPrP\check{e}PiC - PSC_f$
 $P_{\mu}CfP_{\mu}P_{\mu}P^{\circ}CfP^{\circ}C, P\check{Y}P_{\mu}PIC - PeP^{\circ}Cf C, P^{\circ}PePsP \nparallel P_{\mu}CfPsC, P\check{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSP\check{P}N_{\circ}$
 $P_{\mu}P^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj, C_f C \downarrow PeP\check{e}C...:$

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

– $C\epsilon PsPe (PIP\check{e}P \gg CfC \uparrow P^{\circ}CfC \uparrow P\check{e} PeP^{\circ}CfPrC - PsPiP_{\mu}PSPSP\check{P}N_{\circ} C\epsilon PsPe);$

– $P_{\mu}PsCfC_f C\epsilon P_{\mu}PSPSC \downarrow PIC - PrC, PsPeC_f PeCfPsPIC - C - P \cdot P \gg C - PIPsPiPs$
 $C\epsilon P \gg C_f PSPsC \uparrow PeP^{\circ} (PSP^{\circ}PiCfP\check{e}PeP \gg P^{\circ}Pr, P_{\mu}CfP\check{e} CfC, P_{\mu}PSPsP \cdot C - P^{\circ}PsCfC, P\check{e}$
 $C, C \downarrow P \nparallel PePsPiPs CfC, C_f P_{\mu}PSC \downarrow);$

– $PiP_{\mu}PjPsPrP\check{e}PSP^{\circ}PjC - C \uparrow PSPs PSP_{\mu}CfC, P^{\circ}P \pm C - P \gg CHBPSP^{\circ} CfP_{\mu}CfC \uparrow P_{\mu}PIP^{\circ}$
 $PSP_{\mu}PrPsCfC, P^{\circ}C, PSC - CfC, CH P_{\mu}C - CfP \gg C \downarrow PiPsCfC, CfPsPiPs C - PSC, P^{\circ}CfPeC, C_f$
 $PjC - PsPeP^{\circ}CfPrP^{\circ}.$

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·PëPIPS- P·P°CÍPsP±Pë

P''C-PīPsC,PμPSP·PëPIPSëPN̄ 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·PëPIPSëC... 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—, PīPsPIëĤ™ ClP·P°PSC- P·PrC-CHC±PsCH CĤPμC±PsPIPëPSPsCH PīCĤPμPīP°CĤP°C,Cé PŸPμPIC-PeP°CĤ PsP»PjPμCÍP°CĤC,P°PSCé PjPμPrPsPeCÍPsPjC-P»PsPj

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

P†PSPiC-P±C-C,PsCĤPë PhPμPα, 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 PhPŸ), PīPsPIëĤ™ ClP·P°PSP° P·C- CÍPīC-P»CHPSPëPj P·P°CÍC,PsCÍCÍPIP°PSPSClPj C-PSPiC-P±C-C,PsCĤC-PI PhPμPα 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 PhPŸ (PrPëPI. CĤPsP·PrC-P»Pë B«PμCĤPsC,PëPīPsPeP°P·P°PSPSClB», B«PhCÍPsP±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

PhPrPSPsC±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 PhPμPα), PjPsP¶Pμ

P·PIB₇TM C₁₁P·C₁C” P₁PsPIC₁PS₁C- PeP₁C₁P»PsC,P₁e

PhPrPSPsC₁P°C₁PSP₁ P·P°C₁C,P₁sC₁C₁P₁P°PSPSC₁ PePsP»P₁μC₁P₁PIP₁μP»P°P₁JC₁
PiC-PrC₁PsC...P»PsC₁P₁PrC₁, C%₁Ps P·PIB₇TM C₁₁P·C₁C” P₁PsPIC₁PS₁C- PeP₁C₁P»PsC,P₁e,
P·P₁JμPSC₁C₁C” C₁P₁PrC₁C,P₁μP₁JSP₁PN₁ PIP₁P»P₁PI C- P₁iC-PePsPIC₁
PePsPSC₁P₁μPSC,C₁PsP°C₁C-C₁ PsP»P₁JμC₁P°C₁C,P°PSC₁ PI P₁iP»P°P·P₁JC-, P° C,P°PePsP₁
P·PSP₁P₁CrC” P₁iP₁μC₁C-PsPr PSP°P₁iC-PIIP₁PIP₁μPrP₁μPSPSC₁. P₁μC₁P₁PN₁PsP₁
PsP»P₁JμC₁P°C₁C,P°PSC₁ P₁JμPrPsPeC₁P₁JC-P»C₁ C₁Pe P₁JC-PSC-P₁JC₁P₁ P·P° 4
PiPsPrP₁PN₁PsP₁ P₁iC₁P₁PN₁PsP₁JC₁ PePsP»P₁μC₁P₁PIP₁μP»P°P₁JC₁
PiC-PrC₁PsC...P»PsC₁P₁PrC₁ P·PSP₁P₁CrP₁PI P₁μC,,P₁μPeC, P»C-PeP°C₁C₁CH₁PePsC—
PIP·P°C”P₁PsPrC-C—. P₁Y»C-Pr C₁PsP·P₁iP»C₁PS₁C₁C,P₁e P₁JPsP₁P»P₁PIC-C₁C,C₁H
P₁iC₁P₁PN₁PsP₁JC₁ PsP»P₁JμC₁P°C₁C,P°PSC₁ P₁JμPrPsPeC₁P₁JC-P»C₁ C₁Pe
P₁JC-PSC-P₁JC₁P₁ P·P° 4 PiPsPrP₁PN₁PsP₁JC₁ PePsP»P₁μC₁P₁PIP₁μP»P°P₁JC₁
PiC-PrC₁PsC...P»PsC₁P₁PrC₁ (PrP₁PI. C₁PsP·PrC-P»
B«PαP°C₁P₁JP°PePsPeC-PSP₁μC,P₁ePeP°B»).

P”PsPrP°C,PePsPIP° C-PSC,,PsC₁P₁JP°C₁C-C₁

P’C-PrP·PSP°C₁P₁μPSPs P₁iPsP₁JC-C₁PsP₁ P·PSP₁P₁μPSPSC₁
P±C-PsPrPsC₁C,C₁P₁μPSPsC₁C,C- PsP»P₁JμC₁P°C₁C,P°PSC₁ P₁JμPrPsPeC₁P₁JC-P»C₁
P₁iC-C₁P»C₁ P»C-PeC₁P₁PIP°PSPSC₁ P°PSC,P°C₁P₁PrP°P₁JP₁ (P₁JP°P₁PS₁C-C₁ C,P°
P°P»C₁P₁JC-PSC-C₁ PiC-PrC₁PsPeC₁P₁PrP°P₁JP₁).

PhP»P₁JμC₁P°C₁C,P°PSC₁ P₁JμPrPsPeC₁P₁JC-P» P·PSP°C₁C₁C%₁P₁μ PSP₁
PIP₁P»P₁PIP°C” PSP° C,,P°C₁P₁JP°PePsPeC-PSP₁μC,P₁ePeC₁ C-
C,,P°C₁P₁JP°PePsPrP₁PN₁P₁JC-PeC₁ PIP°C₁C,,P°C₁P₁PN₁PSC₁ P°P±Ps
C,,P°C₁P₁JP°PePsPeC-PSP₁μC,P₁ePeC₁ PrP₁PIPsPeC₁P₁PN₁PSC₁. PhPrPSPsC₁P°C₁PSP₁
P·P°C₁C,P₁sC₁C₁P₁P°PSPSC₁ PsP»P₁JμC₁P°C₁C,P°PSC₁ P₁JμPrPsPeC₁P₁JC-P»C₁ P·
P₁iC₁P°P₁PIP°C₁C,P°C,P₁ePSPsP₁ PSP₁ P₁iC₁P₁PN₁PIPsPrP₁PN₁,CH₁ PrPs PeP»C-PSC-C₁PS₁Ps
P·PSP°C₁C₁C%₁P₁eC... P·P₁JC-PS C,,P°C₁P₁JP°PePsPeC-PSP₁μC,P₁ePeP₁ C₁P₁eC...
P₁iC₁P₁μP₁PIP°C₁C,C-PI C₁ P·PrPsC₁PsPIP₁eC... PrPsP±C₁PsPIP₁»CH₁C₁C-PI.

P₁KP₁ PIP₁eC₁PIP»P₁μPSPs PeP»C-PSC-C₁PS₁Ps P·PSP°C₁C₁C%₁PsC—
C-PSPiC-P±C₁C₁CH₁C₁PsC— PrC-C— PsP»P₁JμC₁P°C₁C,P°PSC₁ PSP° C,,P₁μC₁P₁JμPSC,P₁e
1A1/2, 2A6, 2C8/9, 2C19, 2D6, 2E1 C,P° 3A4 C₁P₁eC,P₁sC...C₁PsP₁JC₁ P 450 C₁
P»C₁PrP₁PN₁PsP₁ *in vitro*, C- PIC-PrP·PSP°C₁P₁μPSP₁PN₁ P₁JC-PSC-P₁JP°P»CH₁PS₁PN₁ P°P±Ps
PSC₁P»CH₁PsPIP₁PN₁ C-PSP₁PrC₁PeC₁C₁CH₁C₁P₁PN₁ P₁μC,,P₁μPeC, C%₁PsPrPs
P°PeC,P₁ePIPSPsC₁C,C- C₁P₁eC,P₁sC...C₁PsP₁JC₁ P 450 C₁ C%₁C₁C₁C-C-PI. P₁Y°PeP₁P₁
C₁P₁PN₁PS₁PsP₁, PeP»C-PSC-C₁PS₁Ps P·PSP°C₁C₁C%₁P₁eC... PIP·P°C”P₁PsPrC-PN₁ P₁JC-P₁
PsP»P₁JμC₁P°C₁C,P°PSPsP₁ C- P»C-PeP°C₁C₁CH₁PeP₁P₁JP₁ P·P°C₁P₁PsP±P°P₁P₁,
P₁JμC,P°P±PsP»C-P·P₁ C₁PeP₁eC... P·PrC-PN₁C₁PS₁C₁C”C,CH₁C₁C₁
PIP₁eC%₁P₁PIP₁μC₁PμP»C-C₁PμPSP₁P₁P₁ C,,P₁μC₁P₁JμPSC,P°P₁P₁ P₁iC₁C₁P₁P₁
C₁P₁eC,P₁sC...C₁PsP₁JC-P₁ P450, P₁JPsP₁PS₁° PSP₁ PsC₁C-PeC₁P₁PIP°C,P₁e.

*P₁μPsC,P₁μPSC₁C-PN₁PS₁C- PIP·P°C”P₁PsPrC-C—, P₁iPsPIB₇TM C₁₁P·P°PSC- P· PrC-C₁CH₁C₁PsC₁
C₁PsPμC₁PsPIP₁PN₁PsP₁ P₁iC₁PμP₁PIP°C₁C,P°C₁ P₁Y°PIC-PeP°C₁ P°P₁JP»PsPrP₁PN₁PS₁PsP₁*

*P’P₁P»P₁PI C-PSC₁PeC... P»C-PeP°C₁C₁CH₁PeP₁eC... P·P°C₁P₁PsP±C-PI PSP° PrC-C₁
P°P₁JP»PsPrP₁PN₁PS₁C*

Р†PSPiC-P±C-C,PsCḡPë CYP3A4

РḡCḡPë PsPrPSPsC‡P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- P°PjP»PsPrPëPiC-PSCÍ P·CÍPëP»CHPSPëPjPë P°P±Ps PiPsPjC-CḡPSPëPjPë C-PSPiC-P±C-C,PsCḡP°PjPë CYP3A4 (C-PSPiC-P±C-C,PsCḡP°PjPë PiCḡPsC,РḡP°P·, P°P·PsP»CHPSPëPjPë C,,CÍPSPiC-C†PëPrP°PjPë, PjP°PeCḡPsP»C-PrP°PjPë C,PëPiCÍ РḡCḡPëC,CḡPsPjC-C†PëPSCÍ P°P±Ps PeP»P°CḡPëC,CḡPsPjC-C†PëPSCÍ, PIPḡCḡP°PiP°PjC-P»CÍ P°P±Ps PrPëP»C,C-P°P·РḡPjCÍ) PIPiP»PëPI P°PjP»PsPrPëPiC-PSCÍ PjPsPḡРḡ P·PSP°C‡PSPs PiPsCÍPëP»CHPIP°C,PëCÍCḡ, C°Ps C,P°PePsPḡ PjPsPḡРḡ PiCḡPëP·PIPḡCÍC,Pë PrPs PiC-PrPIPëC°РḡPḡPSPSCḡ CḡPëP·PëPeCÍ PIPëPSPëPePSPḡPSPSCḡ PiC-PiPsC,РḡPSP·C-C—. РḡP»C-PSC-C‡PSC- PiCḡPsCḡPIPë C,P°PePëC... C,,P°CḡPjP°PePsPeC-PSPḡC,PëC‡PSPëC... P·PjC-PS PjPsPḡCÍC,CH P±CÍC,Pë P±C-P»CHC€ PIPëCḡP°PḡРḡPSPëPjPë CÍ PiP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ. P†CÍPSCÍC" PiC-PrPIPëC°РḡPḡPSPëPḡ CḡPëP·PëPe PiC-PiPsC,РḡPSP·C-C—. P РḡPePsPjРḡPSPPrCÍC"C,CHCÍCḡ CḡРḡC,РḡP»CHPSPḡ PsP±CÍC,РḡPḡРḡPSPSCḡ PiP°C†C-C"PSC,C-PI. РḡPsPḡРḡ P±CÍC,Pë PiPsC,CḡC-P±PSPḡ PeP»C-PSC-C‡PSPḡ CÍPiPsCÍC,РḡCḡРḡPḡPḡPSPSCḡ C- PePsCḡРḡPeC†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†РḡPSC,CḡP°C†C-Cḡ P°PjP»PsPrPëPiC-PSCÍ CÍ PiP»P°P·PjC- PjPsPḡРḡ P·PjC-PSCḡPIP°C,PëCÍCḡ. PyPsPjCÍ CÍP»C-Pr PePsPSC,CḡPsP»CHPIP°C,Pë P°CḡC,РḡCḡC-P°P»CHPSPëPḡ C,PëCÍPe C,P° CḡРḡPiCÍP»CHPIP°C,Pë PrPsP·CÍ CḡPe PiC-Pr C‡P°CÍ, C,P°Pe C- PiC-CÍP»Cḡ CÍCÍPiCÍC,PSCHPsC— C,РḡCḡP°PiC-C—, PsCÍPsP±P»PëPIPs CÍ CḡP°P·C- CÍCÍPiCÍC,PSCHPsC— C,РḡCḡP°PiC-C— C-P· CÍPëP»CHPSPëPjPë C-PSPrCÍPeC,PsCḡP°PjPë CYP3A4 (C,P°PePëPjPë CḡPe CḡPëC,,P°PjPiC-C†PëPS, P·PIC-CḡPsP±C-Pḡ P·PIPëC‡P°PḡPSPëPḡ).

РḡCḡPëPḡPsPj P°PjP»PsPrPëPiC-PSCÍ CḡP°P·PsPj P· PiCḡРḡPḡPḡPiC,,CḡCÍC,PsPj P°P±Ps PiCḡРḡPḡPiC,,CḡCÍC,PsPIPëPj CÍPsPePsPj PSPḡ CḡРḡPePsPjРḡPSPPrCÍC"C,CHCÍCḡ, PsCÍPeC-P»CHPePë CÍ PrРḡCḡPePëC... PiP°C†C-C"PSC,C-PI PjPsPḡРḡ PiC-PrPIPëC°CÍPIP°C,PëCÍCḡ P±C-PsPrPsCÍC,CÍPiPSC-CÍC,CH PiCḡРḡPiP°CḡP°C,CÍ, C°Ps PiCḡPsCḡPIP»CḡC"C,CHCÍCḡ PI PiPsCÍPëP»РḡPSPSC- PḡPsPiPs PiC-PiPsC,РḡPSP·PëPIPSsC— PrC-C—.

Р"°PSC,CḡPsP»РḡPS (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... PiC-CÍP»Cḡ PiCḡPëPḡPsPjCÍ PIPḡCḡP°PiP°PjC-P»CÍ C- PIPSCÍC,CḡC-C€PSCHPsPIPḡPSPSPsPiPs PIPḡPrРḡPSPSCḡ PrP°PSC,CḡPsP»РḡPSCÍ CÍPiPsCÍC,РḡCḡC-PiP°P»PëCÍCḡ C,,C-P±CḡPëP»CḡC†C-Cḡ C€P»CÍPSPsC‡PeC-PI C- CÍРḡCḡC†РḡPIPs-CÍCÍPrPëPSPSPëPḡ PePsP»P°PiCÍ P· P»РḡC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj CÍ P·PIBḡ™ CḡP·PeCÍ P· CḡPsP·PIPëC,PePsPj PiC-PiРḡCḡPeP°P»C-C"PjC-C—. P— PsPiP»CḡPrCÍ PSP° CḡPëP·PëPe CḡPsP·PIPëC,PeCÍ PiC-PiРḡCḡPeP°P»C-C"PjC-C— CÍ PiP°C†C-C"PSC,C-PI, CÍC...PëP»CHPSPëC... PrPs PIPëPSPëPePSPḡPSPSCḡ P·P»PsCḡPeC-CÍPSPsC— PiC-PiРḡCḡC,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”PIPēC... 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°C_Γ P_iC_ΓPsC_ΓP_iP_μPeC, P_ēPIPSPsPiPs PeP»C-PSC-C_‡PSPsPiPs
 PrPsC_ΓP»C-PrP_¶P_μPSPSC_Π P·P° C_ΓC_‡P°C_ΓC, C_Γ P_iP°C_‡C-C''PSC, C-PI C-P·
 C, C_ΓP°PSC_ΓP_iP»P°PSC, P°C_‡C-C''C_Γ PSP_ēC_ΓPeP_ē C_ΓP_iPsC_ΓC, P_μC_ΓC-PiP°P»PsC_ΓCH
 P·P±C-P»CHC_ēP_μPSPSC_Π PjC-PSC-PjP°P»CH_ēPSPsPiPs C_ΓC-PIPSC_Π
 C_‡P_ēPeP»PsC_ΓP_iPsC_ΓP_ēPSC_Γ PI C_ΓP_μC_ΓP_μPrPSC_ēPsPjC_Γ PSP° 40 % P_iC_ΓP_ē
 PsPrPSPsC_‡P°C_ΓPSPsPjC_Γ P·P°C_ΓC, PsC_ΓC_ΓPIP°PSPSC- P_ēPsPiPs P·
 P°PjP»PsPrP_ēP_iC-PSPsPj. P_YC_ΓP_iC_ΓC, PSC'' P·P°C_ΓC, PsC_ΓC_ΓPIP°PSPSC_Π
 P_iC_ΓP_μP_iP°C_ΓP°C, C_Γ P_YP_μPIC-PeP°C_Γ C, P° C_‡P_ēPeP»PsC_ΓP_iPsC_ΓP_ēPSC_Γ PjPsP_¶P_μ
 P_iPsC_ΓP_ēP»P_ēC, P_ē PIP_iP»P_ēPI C_‡P_ēPeP»PsC_ΓP_iPsC_ΓP_ēPSC_Γ. P_μC_ΓP_ē
 C_ΓC_ΓP_iC_ΓC, PSC_ēPsPjC_Γ P·P°C_ΓC, PsC_ΓC_ΓPIP°PSPSC- P· P°PjP»PsPrP_ēP_iC-PSPsPj
 C_ΓP»C-Pr C_ΓPsP·PiP»C_ΠPSC_ΓC, P_ē PSP_μPsP±C...C-PrPSC-C_ΓC, CH_ē PePsPSC, C_ΓPsP»C_Γ
 P·P° PjC-PSC-PjP°P»CH_ēPSP_ēPj C_ΓC-PIPSP_μPj C_‡P_ēPeP»PsC_ΓP_iPsC_ΓP_ēPSC_Γ PI
 PeC_ΓPsPIC-, P° C_Γ C_ΓP°P·C- P_iPsC, C_ΓP_μP±P_ē B_Γ'' P·PSP_ēP·P_ēC, P_ē PrPsP·C_Γ
 C_‡P_ēPeP»PsC_ΓP_iPsC_ΓP_ēPSC_Γ.

P_hC_ΓPsP±P»P_ēPIPsC_ΓC, C- P·P°C_ΓC, PsC_ΓC_ΓPIP°PSPSC_Π.

P_μP°C_‡C-C''PSC, P_ē P· PiC-P_iPsPIPsP»P_μPjC-C''C_Γ P°P±Ps PSP_μC_ΓC, P°C_‡P_μC_Γ PSP°C, C_ΓC-C_Γ

PJ P_iP°C_‡C-C''PSC, C-PI P· PiC-P_iPsPIPsP»P_μPjC-C''C_Γ C, P°/P°P±Ps
 PiC-P_iPsPSP°C, C_ΓC-C''PjC-C''C_Γ, C%_oPs PIP_ēPSP_ēPeP»P_ē PI C_ΓP_μP·C_ΓP»CH_ēC, P°C, C-
 C-PSC, P_μPSC_ΓP_ēPIPSPsC— C, P_μC_ΓP°PiC-C— PrC-C_ΓC_ΓP_μC, P_ēPeP°PjP_ē, PsP±PjP_μP_¶P_μPSPSC_Π
 C_ΓP_iPsP_¶P_μP_ēPIP°PSPSC_Π C_ΓPsP»C- P· C—P_¶P_μC_Γ, PrC-P°C_ΓP_μC— P°P±Ps P±P»C_ΓPIP°PSPSC_Π,
 PjPsP_¶P_μ PIP_ēPSP_ēPePSC_ΓC, P_ē C_ΓP_ēPjPiC, PsPjP°C, P_ēC_‡PSP° PiC-P_iPsC, P_μPSP·C-C_Π,
 PsC_ΓPsP±P»P_ēPIPs PiC-C_ΓP»C_Π PiC_ΓP_ēPN_ēPsPjC_Γ PiP_μC_ΓC_ēPsC— PrPsP·P_ē.
 P P_μPePsPjP_μPSP_ΓPsPIP°PSPs C_ΓC_ΓC_ΓPSC_ΓC, P_ē C_‡C- C_ΓC, P°PSP_ē PrPs P_iPsC_‡P°C, PeC_Γ
 P»C-PeC_ΓPIP°PSPSC_Π PiC_ΓP_μP_iP°C_ΓP°C, PsPj P_YP_μPIC-PeP°C_Γ P°P±Ps PIC_ΓC, P°PSPsPIP_ēC, P_ē
 C_ΓP_μC, P_μP»CH_ēPSP_μ C_ΓP_iPsC_ΓC, P_μC_ΓP_μP_¶P_μPSPSC_Π P·P° C_ΓC, P°PSPsPj P_iP°C_‡C-C''PSC, P° PSP°
 P_iPsC_‡P°C, PeC_Γ P»C-PeC_ΓPIP°PSPSC_Π.

*P_‡PSC_ēC- C_ΓC, P°PSP_ē, C%_oPs C_ΓC_ΓP_iC_ΓPsPIPsPrP_¶C_ΓC_ΓC, CH_ēC_ΓC_Π C_ΓC, P_ēPjC_ΓP»C_ΠC_‡C-C''C_Γ
 C_ΓP_μPSC-PS-P°PSPiC-PsC, P_μPSP·P_ēPS-P°P»CH_ēPrPsC_ΓC, P_μC_ΓPsPSPsPIPsC— C_ΓP_ēC_ΓC, P_μPjP_ē*

P_μP°C_‡C-C''PSC, P_ē, C_Γ C_ΠPeP_ēC... C_ΓC_ΓPrP_ēPSPSP_ēPN_ē C, PsPSC_ΓC_Γ C- C_Γ, C_ΓPSP_ēC_‡C-C_Π
 PSP_ēC_ΓPsPe PIP_μP»P_ēPePsC_Γ PjC-C_ΓPsC_Γ P·P°P»P_μP_¶P°C, CH_ē PIC-Pr P°PeC, P_ēPIPSPsC_ΓC, C-
 C_ΓP_μPSC-PS-P°PSPiC-PsC, P_μPSP·P_ēPS-P°P»CH_ēPrPsC_ΓC, P_μC_ΓPsPSPsPIPsC— C_ΓP_ēC_ΓC, P_μPjP_ē
 (PSP°PiC_ΓP_ēPeP»P°Pr P_iP°C_‡C-C''PSC, P_ē P· C, C_ΠP_¶PePsC_Γ P·P°C_ΓC, C-PN_ēPSPsC_Γ
 C_ΓP_μC_ΓC_‡P_μPIPsC_Γ PSP_μPrPsC_ΓC, P°C, PSC-C_ΓC, C_Γ P°P±Ps P· C...PIPsC_ΓPsP±PsC_Γ
 PSP_ēC_ΓPsPe, PIP_ēP»C_ΓC_‡P°C_ΓC_‡P_ē C_ΓC, P_μPSPsP· PSP_ēC_ΓPePsPIPsC— P°C_ΓC, P_μC_ΓC-C—),
 PjPsP_¶C_ΓC, CH_ē C_ΓP_μP°PiC_ΓPIP°C, P_ē PSP° C-PSC_ēC- PiC_ΓP_μP_iP°C_ΓP°C, P_ē, C%_oPs
 PIP_iP»P_ēPIP°C_ΓC, CH_ē PSP° C_‡C_Γ C_ΓP_ēC_ΓC, P_μPjC_Γ (C, P°PeC- C_ΠPe P°PSC, P°PiPsPSC-C_ΓC, P_ē
 C_ΓP_μC_‡P_μPiC, PsC_ΓC-PI P°PSPiC-PsC, P_μPSP·P_ēPSC_Γ II), PiPsC_ΓC, C_ΓPsC_Γ
 PiC-PiPsC, P_μPSP·C-C''C_Γ, P°P·PsC, P_μPjC-C''C_Γ, PsP»C-PiC_ΓC_ΓC-C''C_Γ P°P±Ps C_ΓC-PrPePs -
 PiPsC_ΓC, C_ΓPsC_Γ PSP_ēC_ΓPePsPIPsC_Γ PSP_μPrPsC_ΓC, P°C, PSC-C_ΓC, C_Γ.

P P_μPSPsPIP°C_ΓPeC_ΓP»C_ΠC_ΓPSP° PiC-PiP_μC_ΓC, P_μPSP·C-C_Π

P—P°C_ΓC, PsC_ΓC_ΓPIP°PSPSC_Π PiC_ΓP_μP_iP°C_ΓP°C, C-PI, C%_oPs PIP_iP»P_ēPIP°C_ΓC, CH_ē PSP°
 C_ΓP_μPSC-PS-P°PSPiC-PsC, P_μPSP·P_ēPS-P°P»CH_ēPrPsC_ΓC, P_μC_ΓPsPSPsPIC_Γ C_ΓP_ēC_ΓC, P_μPjC_Γ, C_Γ

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-PsPSCrCḡC‡PsC— PSPëCḡPePë PìPsPIbḡ™CÌP·P°PSPμ P· PìC-PrPIPëC%PμPSPëPj
CḡPëP·PëPePsPj C,CÌP¶PePsC— PìC-PìPsC,PμPSP·C-C— C,P° PSPëCḡPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C-.

*PμPsCḡC¿C€PμPSPSCÌ C,,C¿PSPeC†C-C— PSPëCḡPsPe C- C,CḡP°PSCÍPìP»P°PSC,P°C†C-CÌ
PSPëCḡPePë*

PμCḡPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PìCḡPμPìP°CḡP°C,CÍ PŸPμPIC-PeP°Cḡ
C...PIPsCḡPëPj C-P· PìPsCḡCÍC€PμPSPSCÌPj C,,CÍPSPeC†C-C— PSPëCḡPsPe
CḡPμPePsPjPμPSPrCÍC"C,ChCÍCÌ PìPμCḡC-PsPrPëC‡PSPëPñ PePsPSC,CḡPsP»Ch
CḡC-PIPSCÌ PeP°P»C-Cḡ C,P° PeCḡPμP°C,PëPSC-PSCr PI CÍPëCḡPsPIP°C,C†C-
PeCḡPsPIC-. P—P°CÍC,PsCÍCÍPIP°PSPSCÌ PìCḡPμPìP°CḡP°C,CÍ PŸPμPIC-PeP°Cḡ PSPμ
CḡPμPePsPjPμPSPrPsPIP°PSPs PìP°C†C-C"PSC,P°Pj C-P· C,CÌP¶PePëPj
PìPsCḡCÍC€PμPSPSCÌPj C,,CÍPSPeC†C-C— PSPëCḡPsPe (PeP»C-CḡPμPSCÍ
PeCḡPμP°C,PëPSC-PSCr < 20 PjP»/C...PI). P"PSCÍPIC-Pr P·P°CÍC,PsCÍCÍPIP°PSPSCÌ
PìCḡPμPìP°CḡP°C,CÍ PŸPμPIC-PeP°Cḡ PìP°C†C-C"PSC,P°Pj, CÌPeC- PSPμC%PsPrP°PIPS
PìPμCḡPμPSPμCÍP»Pë C,CḡP°PSCÍPìP»P°PSC,P°C†C-Cḡ PSPëCḡPePë, P°P±Ps
PìP°C†C-C"PSC,P°Pj P· C,PμCḡPjC-PSP°P»ChPSPsCḡ PSPëCḡPePsPIPsCḡ
PSPμPrPsCÍC,P°C,PSC-CÍC,Cḡ (PSP°PìCḡPëPeP»P°Pr, PeP»C-CḡPμPSCÍ
PeCḡPμP°C,PëPSC-PSCr < 12 PjP»/C...PI) PIC-PrCÍCÍC,PSC-Pñ (PrPëPI. CḡPsP·PrC-P»Pë
B«PŸPìPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÌB», B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

*PμPsPrPIC-PñPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS-
P°P»ChPrPsCÍC,PμCḡPsPSPsPIPsC— CÍPëCÍC,PμPjPë (P PḡPḡPŸ)*

P,, CÍPIC-PrC‡PμPSPSCÌ, C%Ps CÍPìC-P»ChPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCÌ
C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα C,P° P±P»PsPeP°C,PsCḡC-PI CḡPμC†PμPìC,PsCḡC-PI
P°PSPiC-PsC,PμPSP·PëPSCr II P°P±Ps P°P»C-CÍPeC-CḡPμPSCr P·P±C-P»ChC€CÍC" CḡPëP·PëPe
CḡPsP·PIPëC,PeCÍ P°CḡC,PμCḡC-P°P»ChPSPsC— PìC-PìPsC,PμPSP·C-C—,
PìC-PìPμCḡPeP°P»C-C"PjC-C— C- P·PSPëP¶PμPSPSCÌ C,,CÍPSPeC†C-C— PSPëCḡPsPe (PI
C,PsPjCÍ C‡PëCÍP»C- PìPsCÍC,CḡPsC— PSPëCḡPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-).
PŸPsPjCÍ PìPsPrPIC-PñPSP° P±P»PsPeP°PrP° P PḡPḡPŸ PSP° C,P»C- CÍPìC-P»ChPSPsPìPs
P·P°CÍC,PsCÍCÍPIP°PSPSCÌ C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα C,P° P±P»PsPeP°C,PsCḡC-PI
CḡPμC†PμPìC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCr II P°P±Ps P°P»C-CÍPeC-CḡPμPSCr PSPμ
CḡPμPePsPjPμPSPrCÍC"C,ChCÍCÌ (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-CÌ P·
C-PSC€PëPjPë P»C-PeP°CḡCÍChPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C"PjPsPrC-PñB»).

PìPeC%Ps C,PμCḡP°PìC-CÌ P· PìPsPrPIC-PñPSPsCḡ P±P»PsPeP°PrPsCḡ C"
P°P±CÍPsP»ChC,PSPs PSPμPsP±C...C-PrPSPsCḡ, C,Ps PIPsPSP° PìPsPIPëPSPSP°
PìCḡPsPIPsPrPëC,PëCÍCÌ C,C-P»ChPePë PìC-Pr PSP°PiP»CÌPrPsPj C,,P°C...C-PIC†CÌ, P°
C,P°PePsP¶ PSP° C,P»C- CḡPμC,PμP»ChPSPsPìPs CÍPìPsCÍC,PμCḡPμP¶PμPSPSCÌ P·P°
C,,CÍPSPeC†C-C"Cḡ PSPëCḡPsPe, CḡC-PIPSμPj PμP»PμPeC,CḡPsP»C-C,C-PI C-
P°CḡC,PμCḡC-P°P»ChPSPsPìPs C,PëCÍPeCÍ.

PŸPìC-P»ChPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCÌ C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα C,P°
P±P»PsPeP°C,PsCḡC-PI CḡPμC†PμPìC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PëPSCr II
PìCḡPsC,PëPìPsPeP°P·P°PSPs PìP°C†C-C"PSC,P°Pj P· PrC-P°P±PμC,PëC‡PSPsCḡ
PSPμC,,CḡPsPìP°C,C-C"Cḡ.

РμPсC҃҃CзC€PμPSPSC҃҃ C,,CзPSPeC†C-C— PιPμC‡C-PSPePө

PJ PιP°C†C-C"PSC,C-PI P· PιPсC҃҃C҃C€PμPSPSC҃҃Pj C,,C†PSPeC†C-C— PιPμC‡C-PSPePө
P·P±C-P»CHC€C҃C"҃C,CHC҃҃C҃҃ PμPeC҃҃PιPsP·PөC†C-C҃҃ P°PjP»PsPrPөPιC-PSC҃҃ C,P°
PsP»PjPμC҃҃P°C҃҃C,P°PSC҃҃ PjPμPrPsPeC҃҃PsPjC-P»C҃҃ (PrPөPI. C҃҃PsP·PrC-P»
B«PαP°C҃҃PjP°PePsPeC-PSPμC,PөPeP°B»). P҃҃PμPIC-PeP°C҃҃ C҃҃P»C-Pr P·
PsP±PμC҃҃PμP҃҃PSC-C҃҃C,CH PιC҃҃PөP·PSP°C‡P°C,Pө PιP°C†C-C"PSC,P°Pj P·
PιPсC҃҃C҃C€PμPSPSC҃҃Pj C,,C†PSPeC†C-C— PιPμC‡C-PSPePө P»PμPiPePsPiPs P°P±Ps
PιPsPjC-C҃҃PSPsPiPs C҃҃C,C†PιPμPSC҃҃. P"»C҃҃ PιP°C†C-C"PSC,C-PI P· PιPsPjC-C҃҃PSPөPj
PιPсC҃҃C҃C€PμPSPSC҃҃Pj C,,C†PSPeC†C-C— PιPμC‡C-PSPePө PrPsP·P° PsP»PjPμC҃҃P°C҃҃C,P°PSC҃҃
PjPμPrPsPeC҃҃PsPjC-P»C҃҃ PSPμ PιPsPIPөPSPSP° PιPμC҃҃PμPIPөC%оC҃҃PIP°C,Pө 20 PjPi (PrPөPI.
C҃҃PsP·PrC-P» B«P҃҃PιPsC҃҃C-P± P·P°C҃҃C,PsC҃҃C҃҃PIP°PSPSC҃҃ C,P° PrPsP·PөB»).
PμP°C†C-C"PSC,P°Pj P· PιPсC҃҃C҃C€PμPSPSC҃҃Pj C,,C†PSPeC†C-C— PιPμC‡C-PSPePө
PιC҃҃PөP№PsPj P°PjP»PsPrPөPιC-PSC҃҃ C҃҃P»C-Pr PιPsC‡PөPSP°C,Pө P· PSP°P№PSPөP҃҃C‡PsC—
PrPsP·Pө C- PrPsC,C҃҃PөPjC҃҃PIP°C,PөC҃҃C҃҃ PsP±PμC҃҃PμP҃҃PSPсC҃҃C,C- C҃҃Pe PSP°
PιPsC‡P°C,PeC҃҃ P»C-PeC҃҃PIP°PSPSC҃҃, C,P°Pe C- PιC҃҃Pө PιC-PrPIPөC%оPμPSPSC- PrPsP·Pө.
PμC҃҃PμPιP°C҃҃C, P҃҃PμPIC-PeP°C҃҃ PιC҃҃PsC,PөPιPsPeP°P·P°PSPөP№ PιP°C†C-C"PSC,P°Pj P·
C,C҃҃P҃҃PePөPj PιPсC҃҃C҃C€PμPSPSC҃҃Pj C,,C†PSPeC†C-C— PιPμC‡C-PSPePө (PrPөPI.
C҃҃PsP·PrC-P» B«PμC҃҃PsC,PөPιPsPeP°P·P°PSPSC҃҃B»).

P"»C-PιPμC҃҃PeP°P»C-C"»PjC-C҃҃

PιPe C- PιC҃҃Pө P·P°C҃҃C,PsC҃҃C҃҃PIP°PSPSC- C-PSC€PөC... P°PSC,P°PιPsPSC-C҃҃C,C-PI
P°PSPiC-PsC,PμPSP·PөPSC҃҃ II C,P° C-PSPiC-P±C-C,PsC҃҃C-PI P҃҃PμPα, PιC҃҃Pө
P»C-PeC҃҃PIP°PSPSC- PιC҃҃PμPιP°C҃҃C,PsPj P҃҃PμPIC-PeP°C҃҃ PjPsP҃҃Pμ PIPөPSPөPePSC҃҃C,Pө
PiC-PιPμC҃҃PeP°P»C-C"»PjC-C҃҃, PsC҃҃PsP±P»PөPIPs PιC҃҃Pө PιPsC҃҃C҃C€PμPSPSC-
C,,C†PSPeC†C-C— PSPөC҃҃PsPe C,P°/P°P±Ps C҃҃PμC҃҃C‡PμPIC-P№ PSPμPrPsC҃҃C,P°C,PSPсC҃҃C,C-
(PrPөPI. C҃҃PsP·PrC-P» B«P'P·P°C"»PjPsPrC-C҃҃ P· C-PSC€PөPjPө P»C-PeP°C҃҃C҃҃PePөPjPө
P·P°C҃҃PsP±P°PjPө C,P° C-PSC€C- PIPөPrPө PIP·P°C"»PjPsPrC-P№B»). PμP°C†C-C"PSC,P°Pj P·
C†C-C"»C— PιC҃҃C҃҃PιPө C҃҃PөP·PөPeC҃҃ C҃҃PμPePsPjPμPSPPrC҃҃C,CHC҃҃C҃҃ C‡P°C҃҃C,PөP№
PePsPSC,C҃҃PsP»CH C҃҃C-PIPSC҃҃ C҃҃PөC҃҃PsPIP°C,PePsPIPsPiPs PeP°P»C-C҃҃.

PμC҃҃PμPιP°C҃҃C, P· PsP±PμC҃҃PμP҃҃PSC-C҃҃C,CH PιC҃҃PөP·PSP°C‡P°C҃҃C,CH C҃҃
PιPsC"PrPSP°PSPSC- P· PeP°P»C-C"»PIPөPjPө PrPsP±P°PIPeP°PjPө,
PeP°P»C-P№P·P±PμC҃҃C-PιP°C҃҃C‡PөPjPө PrC-C҃҃C҃҃PμC,PөPeP°PjPө, P·P°PjC-PSPSPөPeP°PjPө
C҃҃PsP»C-, C%оPs PjC-C҃҃C,C҃҃C,CH PeP°P»C-P№, P°P±Ps C-PSC€PөPjPө
P»C-PeP°C҃҃C҃҃PePөPjPө P·P°C҃҃PsP±P°PjPө, C҃҃PeC- PjPsP҃҃C҃҃C,CH PιC-PrPIPөC%оPөC,Pө
C҃҃C-PIPμPSC҃҃ PeP°P»C-C҃҃ (PιPμPιP°C҃҃PөPS C,PsC%оPs); PιC҃҃Pө C†CHPsPjC҃҃
C҃҃PμPePsPjPμPSPPrC҃҃C,CHC҃҃C҃҃ C҃҃PμPiC҃҃P»C҃҃C҃҃PSPөP№ PePsPSC,C҃҃PsP»CH C҃҃C-PIPSC҃҃
PeP°P»C-C҃҃ PI PeC҃҃PsPIC-.

PμC҃҃PμPιP°C҃҃C,Pө P»C-C,C-C҃҃

PιPe C- PιC҃҃Pө P·P°C҃҃C,PsC҃҃C҃҃PIP°PSPSC- C-PSC€PөC... P°PSC,P°PιPsPSC-C҃҃C,C-PI
P°PSPiC-PsC,PμPSP·PөPSC҃҃ II, PsPrPSPсC‡P°C҃҃PSPμ P·P°C҃҃C,PsC҃҃C҃҃PIP°PSPSC҃҃
PιC҃҃PμPιP°C҃҃C,C† P҃҃PμPIC-PeP°C҃҃ C- PιC҃҃PμPιP°C҃҃C,C-PI P»C-C,C-C҃҃ PSPμ
C҃҃PμPePsPjPμPSPPrC҃҃C,CHC҃҃C҃҃ (PrPөPI. C҃҃PsP·PrC-P» B«P'P·P°C"»PjPsPrC-C҃҃ P·
C-PSC€PөPjPө P»C-PeP°C҃҃C҃҃PePөPjPө P·P°C҃҃PsP±P°PjPө C,P° C-PSC€C- PIPөPrPө
PIP·P°C"»PjPsPrC-P№B»).
*P҃҃C,PμPSPsP· CзC҃҃C,C҃҃ P°PsC҃҃C,Pө P°P±Ps PjC-C,C҃҃P»C»CHPSPsPiPs PeP»P°PιP°PSP°;
PsP±C҃҃C,C҃҃CзPeC,PөPIPSP° PiC-PιPμC҃҃C,C҃҃PsC,,C-C‡PSP° PeP°C҃҃PrC-PsPjC-PsPιP°C,C-C҃҃*

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}Pe 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_uP_u) 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«P_uP°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-PsPïcCfC-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
 PïPsPïcP»C7C7C—.

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

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«P_hC₇PsP±P»PëPiPsC₇C,C- P·P°C₇C,PsC₇C₇PiP°PSPSC¶B»).

PħPjP»PsPrPëPîC-PS (PrC-CHC‡P° CħPµC‡PsPIPëPSP° PŸPµPIC-PeP°CħCž)

P°P°PSC-, PsC,CħPëPjP°PSC- PI C...PsPrC- CġPîPsCġC,PµCħPµP¶PµPSCħ P·P°
PsP±PjPµP¶PµPSPsCħ PeC-P»CHħPeC-CġC,Cħ PIP°PiC-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°PiPsPSC-CġC,Pë PeP°P»CHC†C-C"PIPëC... CħPµC†PµPîC,PsCħC-PI
CġPîCħPëC‡PëPSCĹCħC,CH C€PeC-PrP»PëPIPëPNë PIPîP»PëPI PSP°
P·PrPsCħPsPIḂħ™ CĹ PîP»PsPrP°. PħPrPSP°Pe PîCħPë C†CHħPsPjCġ C" CħPëP·PëPe
PîPsPrPsPIP¶PµPSPSCĹ C,CħPëPIP°P»PsCġC,C- PîPsP»PsPiC-PI.

P°PsPrCžPIP°PSPSCĹ PîCħCžPrPrCħ

PħP»PjPµCġP°CħC,P°PS PIPëPrC-P»CĹC"C,CHCġCĹ PI PjPsP»PsPePs
P»P°PeC,CġCħC‡PëC... C%CġCħC-PI. PĳPµPIC-PrPsPjPs, C‡Pë PîCħPsPSPëPeP°C"
PsP»PjPµCġP°CħC,P°PS Cġ PîCħCġPrPSPµ PjPsP»PsPePs Cġ P¶C-PSPsPe.
PħPjP»PsPrPëPîC-PS PµPeCġPeCħPµC,CġC"C,CHCġCĹ PI PîCħCġPrPSPµ PjPsP»PsPePs
P»CħPrPëPSPë. PşP°CġC,PeCġ PjP°C,PµCħPëPSCġCHħPePsC— PrPsP·Pë,
PsC,CħPëPjP°PSPsC— PSPµPjPsPIP»CĹPj, P±CġP»Ps PsC†C-PSPµPSPs P·P°
PjC-P¶PePIP°CħC,PëP»CHħPSPëPj PrC-P°PîP°P·PsPSPsPj 3–7 % P· PjP°PeCġPëPjCġPjPsPj
15 %. P°PîP»PëPI P°PjP»PsPrPëPîC-PSCġ PSP° PsCħPiP°PSC-P·Pj PSPµPjPsPIP»CĹC,Pë
PSPµPIC-PrPsPjPëPNë.

PµC-Pr C‡P°Cġ PîPsPrCġPIP°PSPSCĹ PîCħCġPrPrCħ P·P°CġC,PsCġCġPIP°PSPSCĹ
PîCħPµPîP°CħP°C,Cġ PŸPµPIC-PeP°Cħ PSPµ CħPµPePsPjPµPSPrCġC"C,CHCġCĹ C,P°
PSP°PrP°C"C,CHCġCĹ PîPµCħPµPIP°PiP° P°P»CHħC,PµCħPSP°C,PëPIPSPëPj
C,PµCħP°PiC-CĹPj C-P· PeCħP°C%Pµ PrPsPIPµPrPµPSPëPj PîCħPsC„C-P»PµPj
P±PµP·PîPµPePë PîC-Pr C‡P°Cġ PîPsPrCġPIP°PSPSCĹ PîCħCġPrPrCħ, PsCġPsP±P»PëPIPs
PîC-Pr C‡P°Cġ PîPsPrCġPIP°PSPSCĹ PîCħCġPrPrCħ PSPsPIPsPSP°CħPsPrP¶PµPSPëC...
C,P° PSPµPrPsPSPsC€PµPSPëC... PSPµPjPsPIP»CĹC,.

PµPµCħC,PëP»CHħPSC-CġC,CH

PµPsPIC-PrPsPjP»CĹP»Pë PîCħPs PIPëPîP°PrPePë, PePsP»Pë Cġ PrPµCĹPePëC...
PîP°C†C-C"PSC,C-PI, C%Ps PîCħPëPNëPjP°CħC,CH P±P»PsPeP°C,PsCħPë
PeP°P»CHħC†C-C"PIPëC... PeP°PSP°P»C-PI, PIPëPSPëPeP°P»Pë PsP±PsCħPsC,PSC-
P±C-PsC...C-PjC-C‡PSC- P·PjC-PSPë PI PîPsP»PsPIC†C- CġPîPµCħPjP°C,PsP·PsC—PrP°.
PľP»C-PSC-C‡PSPëC... PrP°PSPëC... C%PsPrPs PîPsC,PµPSC†C-PNëPSPsPiPs
PIPîP»PëPICġ P°PjP»PsPrPëPîC-PSCġ PSP° C„PµCħC,PëP»CHħPSC-CġC,CH
PSPµPrPsCġC,P°C,PSCħPs. Pj PrPsCġP»C-PrP¶PµPSPSC- PSP° C%CġCħP°C... P±CġP»Ps
PIPëCĹPIP»PµPSPs PSPµP±P°P¶P°PSCġ PrC-Cħ PSP° C„PµCħC,PëP»CHħPSC-CġC,CH
CġP°PjC†C-PI (PrPëPI. CħPsP·PrC-P» B«P"PsPeP»C-PSC-C‡PSC- PrP°PSC- P·
P±PµP·PîPµPePëB»).

*P—PrP°C,PSC-CġC,CH PIPîP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CġC,CH CħPµP°PeC†C-C—
PîCħPë PePµCħCžPIP°PSPSC- P°PIC,PsC,CħP°PSCġPîPsCħC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PŸPµPIC-PeP°Cħ PjPsP¶Pµ PSPµP·PSP°C‡PSPs P°P±Ps PîPsPjC-CħPSPs PIPîP»PëPIP°C,Pë PSP°
P·PrP°C,PSC-CġC,CH PePµCħCġPIP°C,Pë C,CħP°PSCġPîPsCħC,PSPëPjPë P·P°CġPsP±P°PjPë C,P°

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

P†PSPsPrC- Cr PïP°C†C-C" PSC,C-PI, C%Ps PïCfPëPNëPjP°CfC,CH PiC-PïPsC,PµPSP·PëPIPSC-
P·P°CfPSP±Pë, PjPsP¶CfC,CH CfPiPsCfC,PµCfC-PiP°C,PëCfC¶ PiPsP»PsPIPSC- P±PsP»C-,
P·P°PïP°PjPsCfPsC±PµPSPSC¶, PSCrPrPsC,P° C- PïC-PrPIPëC%PµPSP°
CfC,PSPjP»CfPIP°PSC-CfC,CH, PIPSP°CfP»C-PrPsPe C±PsPiPs PjPsP¶Pµ
P·PSPëP¶CfPIP°C,PëCfC¶ CfPµP°PeC†C-C¶. PŸP»C-Pr PrPsC,CfPëPjCfPIP°C,PëCfC¶
PsP±PµCfPµP¶PSPsCfC,C-, PsCfPsP±P»PëPIPs PSP° PïPsC±P°C,PeCf P»C-PeCfPIP°PSPSC¶.

PŸPïPsCfC-P± P·P°CfC,PsCfC¿PIP°PSPSC¶ C,P° PrPsP·Pë.

P"PsCfPSPCfP»C-

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PïCfPµPïP°CfP°C,Cr PŸPµPIC-PeP°Cf -1
C,P°P±P»PµC,PeP° PSP° PrPsP±Cf.

PŸPµPIC-PeP°Cf, 20 PjPi/5 PjPi, PjPsP¶PSP° PïCfPëP·PSP°C±P°C,Pë PïP°C†C-C" PSC,P°Pj P·
PSPµPrPsCfC,P°C,PSCHPsCf CfPµP°PeC†C-C" Cf PsCfPiP°PSC-P·PjCr PSP°
PjPsPSPsC,PµCfP°PiC-Cf PsP»PjPµCfP°CfC,P°PSCr PjPµPrPsPeCfPsPjC-P»PsPj PI PrPsP·C-
20 PjPi P°P±Ps P°PjP»PsPrPëPïC-PSPsPj PI PrPsP·C- 5 PjPi.

PŸPµPIC-PeP°Cf, 40 PjPi/5 PjPi, PjPsP¶PSP° PïCfPëP·PSP°C±P°C,Pë PïP°C†C-C" PSC,P°Pj P·
PSPµPrPsCfC,P°C,PSCHPsCf CfPµP°PeC†C-C" Cf PsCfPiP°PSC-P·PjCr PSP° C,PµCfP°PiC-Cf
PïCfPµPïP°CfP°C,PsPj PŸPµPIC-PeP°Cf, 20 PjPi/5 PjPi.

PŸPµPIC-PeP°Cf, 40 PjPi/10 PjPi, PjPsP¶PSP° PïCfPëP·PSP°C±P°C,Pë PïP°C†C-C" PSC,P°Pj P·
PSPµPrPsCfC,P°C,PSCHPsCf CfPµP°PeC†C-C" Cf PsCfPiP°PSC-P·PjCr PSP° C,PµCfP°PiC-Cf
PïCfPµPïP°CfP°C,PsPj PŸPµPIC-PeP°Cf, 40 PjPi/5 PjPi.

P"Ps PïCfPëP·PSP°C±PµPSPSC¶ PePsPjP±C-PSPsPIP°PSPsPiPs PïCfPµPïP°CfP°C,Cr P·
C,,C-PeCfPsPIP°PSPëPjPë PrPsP·P°PjPë P°PeC,PëPIPSPëC... PePsPjPïPsPSPµPSC,C-PI
CfPµPePsPjPµPSPPrCfC",CHCfC¶ PiPsPµC,P°PïPSPëPNë PïC-PrP±C-Cf PrPsP· C†PëC...
PePsPjPïPsPSPµPSC,C-PI C¶Pe PjPsPSPsPïCfPµPïP°CfP°C,C-PI. Pj CfP°P·C-
PSPµPsP±C...C-PrPSPsCfC,C- PjPsP¶P»PëPIP° PïCfC¶PjP° P·P°PjC-PSP°
PjPsPSPsPïCfPµPïP°CfP°C,C-PI PSP° PePsPjP±C-PSPsPIP°PSPëPNë PïCfPµPïP°CfP°C,,.

P"P»C¶ P·CfCrC±PSPsCfC,C- PïP°C†C-C" PSC,Pë, C¶PeC- PsC,CfPëPjCfCfC,CH
PsP»PjPµCfP°CfC,P°PSCr PjPµPrPsPeCfPsPjC-P» C- P°PjP»PsPrPëPïC-PS Cr PIPëPiP»C¶PrC-
PsPeCfPµPjPëC... C,P°P±P»PµC,PsPe, PjPsP¶CfC,CH P±CfC,Pë PïPµCfPµPIPµPrPµPSC- PSP°
C,P°P±P»PµC,PePë PŸPµPIC-PeP°Cf, C%Ps PjC-CfC,C¶C,CH C†C- PePsPjPïPsPSPµPSC,Pë PI
P°PSP°P»PsPiC-C±PSPëC... PrPsP·P°C....

PµCfPµPïP°CfP°C, PŸPµPIC-PeP°Cf PjPsP¶PSP° PïCfPëPNëPjP°C,Pë PSPµP·P°P»PµP¶PSPs
PIC-Pr PïCfPëPNëPsPjCr C-P¶C-.

PµP°C†C-C" PSC,Pë P»C-C,PSCHPsPiPs PIC-PeC¿ (PIC-PePsPj PIC-Pr 65 CfPsPeC-PI)

PïPe PïCfP°PIPëP»Ps, PrP»C¶ PïP°C†C-C" PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf PSPµ
PïPsC,CfC-P±PSP° P·PjC-PSP° CfPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë PïCfPµPïP°CfP°C,Cr,
PïCfPsC,Pµ PïC-PrPIPëC%CrPIP°C,Pë PrPsP·Cr PïCfPµPïP°CfP°C,Cr CfP»C-Pr P·
PsP±PµCfPµP¶PSC-CfC,Cf (PrPëPI. CfPsP·PrC-P»Pë B«PhCfPsP±P»PëPIPsCfC,C-

PĪPē C- PīCĥPē P·P°CĭC,PsCĭCŕPIP°PSPSC- C-PSCēPēC... P°PSC,P°PiPsPSC-CĭC,C-PI
 PeP°P»CHCĭC-C-Ĉ, Cŕ PīP°CĭC-C”PSC,C-PI P· PrPēCĭC,,CŕPSPeCĭC-C”Ĉ PīPμCĭC-PSPePē
 PīPsPrPsPIP¶CŕC”C,CHCĭCĭ C±P°Cĭ PSP°PīC-PIPIPēPIPμPrPμPSPSCĭ P°PjP»PsPrPēPīC-PSCŕ;
 CĥPμPePsPjPμPSPPr°CĭC-C— P· PrPsP·CŕPIP°PSPSCĭ PSPμ PICĭC,P°PSPsPIP»PμPSC-. PŷPsPjCŕ
 C,P°PePēPj PīP°CĭC-C”PSC,P°Pj PīCĥPμPīP°CĥP°C, PŸPμPIC-PeP°Cĥ CĭP»C-Pr
 PīCĥPēP·PSP°C±P°C,Pē P· PsP±PμCĥPμP¶PSC-CĭC,Ĉ. P±P°CĥPjP°PePsPeC-PSPμC,PēPeP°
 P°PjP»PsPrPēPīC-PSCŕ Cŕ PīP°CĭC-C”PSC,C-PI P· PīPsCĥCŕCēPμPSPSCĭPj C,,CŕPSPeCĭC-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 PiCḡPsPjPēPIPIP°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, CíPIPIP°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·CíPIPIP°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, PsCḡPēPSi 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, PsCíCíPIPIP°PSPSCII CíCíPrPēPSPsP·PICíP¶CíPIPIP°P»CHPSPēC...
P·P°CíPsP±C-PI PiCḡPē PIC-PrCíCíC, PSPsCíC, C- PiCḡPsC, PēPiPsPeP°P·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, PsCíCíPIPIP°PSPSCII PiCḡPμPiP°CḡP°C, Cí
PŸPμPIC-PeP°Cḡ, P±CíP»Pē PiPμCḡPēC, PμCḡPēC†PSC- PSP°P±CḡCII PePē (11,3 %),
PiPsP»PsPIPSPēPNē 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, PsCíCíPIPIP°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...CíPIPIP°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

[illegible]

<i>P PμP-CáP»CHC,P°C,Pë PrPsPrP°C,PëPsPIPëC... PrPsCÍP»C-PrP¶PμPSCĤ</i>	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PeCĤPμP°C,PëPSC-PSCf Cf PeCĤPsPIC-	PkPμC†P°CÍC,Ps	P C-PrPePs	B
	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PeCĤPμP°C,PëPSC-PSC,,PsCÍC,,PsPeC-PSP°P·Pë Cf PeCĤPsPIC-	B	PšP°CÍC,Ps	B
	P—PSPëP¶PμPSPSCĬ CĤC-PIPSCĬ PeP°P»C-CĤ Cf PeCĤPsPIC-	PkPμC†P°CÍC,Ps	B	B
	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ CÍPμC†PsPIPëPSPë Cf PeCĤPsPIC-	B	PšP°CÍC,Ps	B
	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ CÍPμC†PsPIPsC— PePëCÍP»PsC,Pë Cf PeCĤPsPIC-	PkPμC†P°CÍC,Ps	B	B
	PμC-PrPIPëC%PμPSPSCĬ CĤC-PIPSCĬ PiP°PjPjP°· PiP»CfC,P°PjC-P»C,CĤP°PSCÍC,,PμCĤP°P·Pë Cf PeCĤPsPIC-	PkPμC†P°CÍC,Ps	B	B
	P—PjPμPSCëPμPSPSCĬ PjP°CÍPë C,C-P»P°	B	B	PkPμC†P°CÍC,Ps
	P—P±C-P»CHCëPμPSPSCĬPj PjP°CÍPë C,C-P»P°	B	B	PkPμC†P°CÍC,Ps

*PJ PiC-CÍP»CĬCĤPμC”CÍC,CĤP°C†C-PM̂PSPëPM̂ PiPμCĤC-PsPr PiPsPIC-PrPsPjP»CĬP»PsCÍCĬ
PiCĤPs PIPëPiP°PrPePë PIPëPSPëPePSPμPSPSCĬ P°CÍC,PsC-PjCÍPSPSPsPiPs PiPμPiP°C,PëC,CÍ P·
P»P°C,PμPSC,PSPëPj PiPμCĤC-PsPrPsPj PIC-Pr PeC-P»CHPePsC... PjC-CÍCĬC†C-PI PrPs
CĤPsPeC-PI, C%Ps P±CÍP»Pë PsP±PsCĤPsC,PSPëPjPë PiC-CÍP»CĬ PIC-PrPjC-PSPë
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PsP»PjPμCÍP°CĤC,P°PSCÍ.

PμPsPIC-PrPsPjP»CĬP»PsCÍCĬ PiCĤPs PrPμPeC-P»CHPeP° PIPëPiP°PrPeC-PI
CĤP°P±PrPsPjC-PsP»C-P·CÍ, CĬPePëPM̂ P·P° C†P°CÍPsPj CĤPsP·PIPëC,PeCÍ P±CÍPI
PiPsPiĤ™ CĬP·P°PSPëPM̂ P· PiCĤPëPM̂PsPjPsPj P±P»PsPeP°C,PsCĤC-PI CĤPμC†PμPiC,PsCĤC-PI
P°PSPiC-PsC,PμPSP·PëPSCÍ 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,PeCÍ PμPeCÍC,CĤP°PiC-CĤP°PjC-PrPSPsPiPs CÍPëPSPPrCĤPsPjCÍ.

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±CÍ PjP°C”
PiP°P¶P»PëPiPμ P·PSP°C†PμPSPSCĬ. PiPμ PrP°C” P·PjPsPiCÍ PiCĤPsPIPsPrPëC,Pë
PjPsPSC-C,PsCĤPëPSPi CÍPiC-PIPIC-PrPSPsCëPμPSPSCĬ PePsCĤPëCÍC,CH/CĤPëP·PëPe
PiCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- C†CHPsPiPs P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±CÍ. 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 CÍCÍC- PIPëPiP°PrPePë PiC-PrPsP·CĤCĤPIP°PSPëC... PiPsP±C-C†PSPëC...
CĤPμP°PeC†C-PM̂ C,P° PIC-PrCÍCÍC,PSPsCÍC,C- PμC,,PμPeC,PëPIPSPsCÍC,C-
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ C†PμCĤPμP· P°PIC,PsPjP°C,PëP·PsPIP°PSCÍ
C-PSC,,PsCĤPjP°C†C-PM̂PSCÍ CÍPëCÍC,PμPjCÍ P· C,,P°CĤPjP°PePsPSP°PiP»CĬPrCÍ 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.

PkPμ PiPsC,CĤPμP±CÍC” CÍPiPμC†C-P°P»CHPSPëC... CÍPjPsPi P·P±PμCĤC-PiP°PSPSCĬ.

P—P±PμCĤC-PiP°C,Pë CÍ PSPμPrPsCÍC,CÍPiPSPsPjCÍ 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°.