

**PrP»CЦ PjPμPrPëC±PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CíCíCñPePsPiPs
P•P°CíCíP±Cí**

(VISTAMID)

$$P_{\text{Hb}}P_{\text{Hb}}C...P^{\circ}PSC-P\cdot P_j P_{\text{TC}}-C-$$

P'C-PeP°P»C'c,P°PjC-Pr C" PSpµC'c,PµCḡPsC—PrPSPëPj P°PSC,PëP°PSPrCḡPsPiPµPSPsPj,
C%oPs PSpµ PjP°C" C-PSC€PsPiPs PiPïP»PëPICr PSp° PµPSPrPsPeCḡPëPSPSCr C'PëC'c,PµPjC'c.
P>C-PeP°CḡC'cḡPePëPñ P·P°C'c-P± P·PiBḡ™ CḡP·C'c"C,CḡC'cCḡ P·
PSPµPjC'c,P°PSC,PSPëPjPë P°PSPrCḡPsPiPµPSPSPëPjPë CḡPµC†PµPïC,PsCḡP°PjPë
(B<PrPëPePsPiPs C,PëPiC'cB»), PSpµ P°PeC,PëPICrCḡC†Pë PµPeC'cPïCḡPµC'c-Cḡ PiPµPSC-PI,
C,P°PePëPj C†PëPSPsPj PïCḡPëPiPSC-C†C'cCḡC†Pë P°PeC,PëPiPSC-C'c,Cḡ
P°PSPrCḡPsPiPµPSC-PI. Pj CḡPµP·C'cP»CḡC,P°C,C- C,P°PePsPiPs PïCḡPëPiPSC-C†PµPSPSCḡ
C'cPïPsC'c,PµCḡC-PiP°C"C,CḡC'cCḡ CḡPµPiCḡPµC'c-Cḡ PïC'c...P»PëPS
PiPµCḡPµPrPjC-C...C'cCḡPsPiPsC— P·P°P»PsP·Pë. PµCḡPë PIC-PrPjC-PSC-
P±C-PeP°P»C'c,P°PjC-PrC'c C'c PiPµPiPSPsC— C†P°C'c,PëPSPë PiP°C†C-C"PSC,C-PI PjPsPḡPµ
PiPëPSPëPeP°C,Pë C'cPëPSPrCḡPsPj PIC-PrPjC-PSPë P°PSC,PëP°PSPrCḡPsPiPµPSPSPëC...
P»C-PeP°CḡC'cḡPePëC... P·P°C'cPsP±C-PI.

PµP»C-PSC-C†PSP° PµC,,PµPeC,PëPiPSC-C'c,Cḡ C,P° P±PµP·PiPµPeP°

P'C-PeP°P»C'c,P°PjC-Pr 150 PjPi PrPsC'cP»C-PrPḡC'cPiP°P»Pë PiC-Pr C†P°C'c C,PµCḡP°PiC-C—
PiP°C†C-C"PSC,C-PI P· P»PsPeP°P»C-P·PsPiP°PSPëPjPë (Pÿ1Bḡ"Py2, N0 C†Pë Nx, M0) P°P±Ps
PjC-C'cC†PµPiPsCḡPsP·PiPsPIC'cḡPrPḡPµPSPëPjPë (Pÿ3Bḡ"Py4, N, M0; Pÿ1Bḡ"Py2, N , M0)
PïC'c...P»PëPSP°PjPë PiPµCḡPµPrPjC-C...C'cCḡPsPiPsC— P·P°P»PsP·Pë P±PµP·
PjPµC,P°C'c,P°P·C-PI C'c C...PsPrC- C,CḡCḡPsC... PiP»P°C†PµP±Ps-
PePsPSC,CḡPsP»CḡPsPiP°PSPëC... PiPsPrPIC-PñPSPs C'cP»C-PïPëC... PrPsC'cP»C-PrPḡPµPSCḡ,
C'c CḡPePëC... PiP·CḡP»Pë C'cC†P°C'c,Cḡ 8113 PiP°C†C-C"PSC,C-PI. Pj C†PëC...
PrPsC'cP»C-PrPḡPµPSPSCḡC... P±C-PeP°P»C'c,P°PjC-Pr PiCḡPëP·PSP°C†P°P»Pë CḡPe
PSPµPIC-PrPeP»P°PrPSCr PiPsCḡPjPsPSP°P»CḡPSCr C,PµCḡP°PiC-Cḡ P°P±Ps CḡPe
PrPsPiPsPjC-PḡPSPëPñ P·P°C'c-P± PiCḡPë CḡP°PrPëPeP°P»CḡPSC-Pñ
PiCḡPsC'c,P°C,PµPeC,PsPjC-C— P°P±Ps CḡP°PrC-PsC,PµCḡP°PiC-C— (PiPsP»PsPiPSPëPj
C†PëPSPsPj P·PsPiPSC-C€PSCḡ PrPëC'c,P°PSC†C-PñPSP° PiCḡPsPjPµPSPµPiP°
C,PµCḡP°PiC-Cḡ). PkP° PjPsPjPµPSC, PjPµPrC-P°PSPë C'cPiPsC'c,PµCḡPµPḡPµPSPSCḡ 9,7
CḡPsPeC'c C'c 36,6 % C,P° 38,17 % C'cC'c-C... PiP°C†C-C"PSC,C-PI, CḡPeC- PiCḡPëPñPjP°P»Pë
P±C-PeP°P»C'c,P°PjC-Pr P°P±Ps PiP»P°C†PµP±Ps PIC-PrPiPsPIC-PrPSPs,
C'cPiPsC'c,PµCḡC-PiP°P»PsC'cCḡ PsP±Bḡ™ C"PeC,PëPiPSPµ PiCḡPsPiCḡPµC'cC'cPiP°PSPSCḡ
P·P°C...PiPsCḡCḡPiP°PSPSCḡ. P—PjPµPSC€PµPSPSCḡ CḡPëP·PëPeC'c
PsP±Bḡ™ C"PeC,PëPiPSPsPiPs PiCḡPsPiCḡPµC'cC'cPiP°PSPSCḡ P·P°C...PiPsCḡCḡPiP°PSPSCḡ
C'cPiPsC'c,PµCḡC-PiP°P»PsC'cCḡ C'c P±C-P»CḡC€PsC'c,C- PiP°C†C-C"PSC,C-PI C'c
PiCḡC'cPiP°C..., PiCḡPsC,Pµ P±C'cP»Ps PSP°PñP±C-P»CḡC€ PiPsPjC-C,PSPëPj C'c C,PëC...,
C...C,Ps PjP°PI PSP°PñPiPëC%oPëPñ CḡPëP·PëPe PiCḡPsPiCḡPµC'cC'cPiP°PSPSCḡ
P·P°C...PiPsCḡCḡPiP°PSPSCḡ. PÿPsPjC'c PeP»C-PSC-C†PëC'c,Pë PjPsPḡC'c,Cḡ
PiPëCḡC-C€PëC,Pë, C%oPs PsPiC,PëPjP°P»CḡPSPsCḡ C'c,CḡP°C,PµPiC-C"Cḡ
P»C-PeC'cPiP°PSPSCḡ PrP»Cḡ PiP°C†C-C"PSC,C-PI P· PSPëP·CḡPePëPj CḡPëP·PëPePsPj
PiCḡPsPiCḡPµC'cC'cPiP°PSPSCḡ P·P°C...PiPsCḡCḡPiP°PSPSCḡ, PsC'cPsP±P»PëPiPs PiCḡPë
P°PrBḡ™ CḡPiP°PSC,PSPsPjC'c P·P°C'c,PsC'cC'cPiP°PSPSC- P»C-PeP°CḡC'cḡPePsPiPs
P·P°C'cPsP±C'c PiC-C'cP»Cḡ CḡP°PrPëPeP°P»CḡPSPsC— PiCḡPsC'c,P°C,PµPeC,PsPjC-C—,
PjPsPḡPµ P±C'c,Pë PiPsCḡPjPsPSP°P»CḡPSP° C,PµCḡP°PiC-Cḡ PrPs PiPsC†P°C,PeC'c
PiCḡPsPiCḡPµC'cC'cPiP°PSPSCḡ P·P°C...PiPsCḡCḡPiP°PSPSCḡ.

PkP° PjPsPjPµPSC, PjPµPrC-P°PSPë PiPµCḡC-PsPrC'c C'cPiPsC'c,PµCḡPµPḡPµPSPSCḡ 9,7
CḡPsPeC'c PḡPsPrPSPsC— CḡC-P·PSPëC†C- C'c CḡC-PIPSC- P·P°PiP°P»CḡPSPsPiPs
PiPëPḡPëPiP°PSPSCḡ PSPµ C'cPiPsC'c,PµCḡC-PiP°P»PsC'cCḡ, PiCḡPëC†PsPjC'c
P»PµC,P°P»CḡPSC-C'c,Cḡ C'c,P°PSPsPiPëP»P° 31,4 % (C'cPiC-PIPIC-PrPSPsC€PµPSPSCḡ
CḡPëP·PëPeC-PI = 1,01; 95 % PrPsPIC-CḡC†PëPñ C-PSC,PµCḡPiP°P» 0,94Bḡ"1,09). PhPrPSP°Pe
PiC-Pr C†P°C'c P°PSP°P»C-P·C'c CḡPµP·C'cP»CḡC,P°C,C-PI PrPsC'cP»C-PrPSPëC†CḡPePëC...

РiС-РrРiСҫрРi РrРµCҫPеC- C,РµPSPРrРµPSCҫC-C— P±CҫP»Pё PsCҫРµPIPёРrPSPёPjPё.

P°P°PSC- C%PsPrPs PIPёPҫPёPIP°PSPSCҫ P±РµP· PиСҫPsPiСҫPµCҫC-C—
P·P°C...PIPsCҫҫPIP°PSPSCҫ C,Р° РrP°PSC- C%PsPrPs P·P°PiP°P»СҫPSPsPiPs
PIPёPҫPёPIP°PSPSCҫ, C%Ps T'СҫCҫPSC, CҫPIP°P»PёCҫCҫ PSP° P°PSP°P»C-P·C- P·P°
PjPµC, PsPrPsPj РҫP°PiP»P°PSP°Бҫ"РҫPµC"СҫP°, Cҫ PiP°CҫC-C"PSC, C-PI P·
PjC-CҫCҫPµPIPsCҫPsP·PiPsPICҫCҫPҫPµPSPёPj CҫP°PePsPj PиСҫPsCҫC, P°C, Pё
PSP°PIPµРrРµPSC- Cҫ C, P°P±P»PёCҫCҫ... 1 C, P° 2.

РҫP°P±P»PёCҫCҫ 1

РҫPиC-PIPIC-РrPSPsCёPµPSPSCҫ PеC-P»СҫPеPsCҫC, C- PiP°CҫC-C"PSC, C-PI C-P·
PjC-CҫCҫPµPIPsCҫPsP·PiPsPICҫCҫPҫPµPSPёPj CҫP° PiP°CҫC-C"PSC, C-PI C-P·

PиСҫPsPiСҫPµCҫCҫPIP°PSPSCҫPj P·P°C...PIPsCҫҫPIP°PSPSCҫ Cҫ PиC-РrРiСҫCҫPиP°C... C-P·
CҫC-P·PSPёPjPё CҫC...PµPjP°PjPё P»C-PeCҫPIP°PSPSCҫ

PµPsPiCҫP»CҫCҫC-PNёPSPёPNё P°PSP°P»C-P·	P"СҫCҫPиP° P»C-PeCҫPIP°PSPSCҫ	PµPsPrC-C- (%) PSP° PjPsPjPµPSC, 3 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PjPsPjPµPSC, 5 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PjPsPjPµPSC, 7 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PjPsPjPµPSC, 10 CҫPsPeC-PI
P"PёPSP°PjC-CҫPSPµ CҫPiPsCҫC, PµCҫPµPҫPµPSPSCҫ (n = 657)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	19,7 %	36,3 %	52,1 %	73,2 %
	PµP»P°CҫPµP±Ps	39,8 %	59,7 %	70,7 %	79,1 %
P P°PrC-PsC, PµCҫP°PiC-Cҫ (n = 305)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	13,9 %	33,0 %	42,1 %	62,7 %
	PµP»P°CҫPµP±Ps	30,7 %	49,4 %	58,6 %	72,2 %
P P°PrPёPeP°P»СҫPSP° PiCҫPsCҫC, P°C, PµPeC, PsPjC-Cҫ (n = 1719)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	7,5 %	14,4 %	19,8 %	29,9 %
	PµP»P°CҫPµP±Ps	11,7 %	19,4 %	23,2 %	30,9 %

РҫP°P±P»PёCҫCҫ 2

P—P°PiP°P»СҫPSPµ PIPёPҫPёPIP°PSPSCҫ Cҫ PiP°CҫC-C"PSC, C-PI C-P·
PjC-CҫCҫPµPIPsCҫPsP·PiPsPICҫCҫPҫPµPSPёPj P·P°C...PIPsCҫҫPIP°PSPSCҫPj

Cҫ PиC-РrРiСҫCҫPиP°C... C-P· CҫC-P·PSPёPjPё CҫC...PµPjP°PjPё P»C-PeCҫPIP°PSPSCҫ

PµPsPiCҫP»CҫCҫC-PNёPSPёPNё P°PSP°P»C-P·	P"СҫCҫPиP° P»C-PeCҫPIP°PSPSCҫ	PµPsPrC-C- (%) PSP° PjPsPjPµPSC, 3 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PSP° PjPsPjPµPSC, 5 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PSP° PjPsPjPµPSC, 7 CҫPsPeC-PI	PµPsPrC-C- (%) PSP° PSP° PjPsPjPµPSC, 10 CҫPsPeC-PI
P"PёPSP°PjC-CҫPSPµ CҫPiPsCҫC, PµCҫPµPҫPµPSPSCҫ (n = 657)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	14,2 %	29,4 %	42,2 %	65,0 %
	PµP»P°CҫPµP±Ps	17,0 %	36,4 %	53,7 %	67,5 %
P P°PrC-PsC, PµCҫP°PiC-Cҫ (n 305)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	8,2 %	20,9 %	30,0 %	48,5 %
	PµP»P°CҫPµP±Ps	12,6 %	23,1 %	38,1 %	53,3 %
P P°PrPёPeP°P»СҫPSP° PiCҫPsCҫC, P°C, PµPeC, PsPjC-Cҫ (n = 1719)	P'C-PeP°P»CҫC, P°PjC-Pr 150 PjPi	4,6 %	10,0 %	14,6 %	22,4 %
	PµP»P°CҫPµP±Ps	4,2 %	8,7 %	12,6 %	20,2 %

Pj PiP°CҫC-C"PSC, C-PI C-P· P»PsPeP°P»C-P·PsPIP°PSPёPj P·P°C...PIPsCҫҫPIP°PSPSCҫPj,

CII_{PeC}- PsC, C₇P₆PjC₁PI_P°P»P₆ C, C-P»CH₆PeP₆ P±C-PeP°P»C₁C, P°PjC-Pr,
 PrPsC₁C, PsPIC-C₇PSPsC— C₇C-P·PSP₆C₁C- C₁ PiPsPeP°P·PSP₆PeP°C... PIP₆P₁PI₆PI₆PSPSC₁
 P±P₁P· PiC₇PsPiC₇P₁C₁C₁PI_P°PSPSC₁ P·P°C... PIPsC₇CH₆PI_P°PSPSC₁ PSP₁PjP°C". P₇P°PePsP₁
 C₁ PiP°C₁C-C" PSC, C-PI C-P· P»PsPeP°P»C-P·PsPI_P°PSP₆Pj P·P°C... PIPsC₇CH₆PI_P°PSPSC₁Pj,
 CII_{PeC}- PsC, C₇P₆PjC₁PI_P°P»P₆ P±C-PeP°P»C₁C, P°PjC-Pr CII_{Pe} P°Pr₆CH₆™ CH₆PI_P°PSC, PSC₁
 C, P₁CH₆P°PiC-C₇ PiC-C₁P»C₁ C₇P°PrC-PsC, P₁CH₆P°PiC-C— (P'P = 0,98; 95 % P"Pt 0,80B₇"1,20)
 P°P±Ps C₇P°PrP₆PeP°P»CH₆PSPsC— PiC₇PsC₁C, P°C, P₁PeC, PsPjC-C— (P'P = 1,03; 95 % P"Pt
 0,85B₇"1,25), PrPsC₁C, PsPIC-C₇PSPsC— PIC-PrPjC-PSPSPsC₁C, C- C₁ C₇C-PI_PSC₁C...
 P·P°PiP°P»CH₆PSPsPiPs PIP₆P₁PI₆PI₆PSPSC₁ PSP₁ C₁PiPsC₁C, P₁CH₆C-PiP°P»PsC₁C₁.
 Pj PiP°C₁C-C" PSC, C-PI C-P· P»PsPeP°P»C-P·PsPI_P°PSP₆Pj P·P°C... PIPsC₇CH₆PI_P°PSPSC₁Pj, PrPs
 CII_{Pe}P₆C... PI C-PSC€PsPjC₁ PIP₆PiP°PrPeC₁ P·P°C₁C, PsC₁C₁PI_P°P»P₆ P± C, P°PeC, P₆PeC₁
 PrP₆PSP°PjC-C₁PSPsPiPs C₁PiPsC₁C, P₁CH₆P₁P₁PI₆PSPSC₁, C, P°PePsP₁
 C₁PiPsC₁C, P₁CH₆C-PiP°C"C, CH₆C₁C₁ C, P₁PSPrP₁PSC₁C-C₁ PrPs P·PjP₁PSC€P₁PSPSC₁
 C₇C-PI_PSC₁ PIP₆P₁PI₆PI₆PSPSC₁ PiPsC₇C-PI_PSC₁PSPs P· PiP°C₁C-C" PSC, P°PjP₆, CII_{PeC}-
 PiC₇P₆PjP°P»P₆ PiP°P°C₁P₁P±Ps (P'P = 1,15; 95 % P"Pt 1,00B₇"1,32). P— PsPiP»CII_{Pr}C₁ PSP°
 C₁P₁ C₁PiC-PI_PIC-PrPSPsC€P₁PSPSC₁ C₇P₆P·P₆PeC₁/PePsC₇P₆C₁C, C-
 P·P°C₁C, PsC₁C₁PI_P°PSPSC₁ P±C-PeP°P»C₁C, P°PjC-PrC₁ PiP°C₁C-C" PSC, P°Pj C-P·
 P»PsPeP°P»C-P·PsPI_P°PSP₆Pj P·P°C... PIPsC₇CH₆PI_P°PSPSC₁Pj PSP₁ PIP₆P₁PI₆P°C"C, CH₆C₁C₁
 PrPsC₁C-P»CH₆PSP₆Pj.

P' C-PSC€C-PN₆ PiC₇PsPiC₇P°PjC- P₁C,, P₁PeC, P₆PI_PSC-C₁C, CH₆ P±C-PeP°P»C₁C, P°PjC-PrC₁
 PrP»C₁ P»C-PeC₁PI_P°PSPSC₁ PiP°C₁C-C" PSC, C-PI C-P·
 PjC-C₁C₁P₁PI_PsC₇PsP·PiPsPIC₁C₇PrP₁PI₆PSP₆Pj C₇P°PePsPj PiC₇PsC₁C, P°C, P₆ P±P₁P·
 PjP₁C, P°C₁C, P°P·C₁PI_P°PSPSC₁, CII_{Pe}P₆Pj P±C₁P»P° PiPsPeP°P·P°PSP° PSP₁PiP°PN₆PSP°
 PeP°C₁C, C₇P°C₁C-C₁, P±C₁P»P° PiC₇PsPrP₁PjPsPSC₁C, C₇PsPI_P°PSP° C₁ PrPI_PsC...
 PrPsC₁P»C-PrP₁PI₆PSPSC₁C..., C₁ CII_{Pe}P₆C... PIP·CII_P»P₆ C₁C₁P°C₁C, CH₆ 480
 PiPsPiP₁CH₆P₁PrPSC₁Ps PSP₁ P»C-PePsPI_P°PSP₆C... PiP°C₁C-C" PSC, C-PI C-P· C₇P°PePsPj
 PiC₇PsC₁C, P°C, P₆ P±P₁P· PjP₁C, P°C₁C, P°P·C₁PI_P°PSPSC₁ (P₆0). P₆P° PjPsPjP₁PSC,
 PjP₁PrC-P°PSP₆ PiP₁CH₆C-PsPrC₁ C₁PiPsC₁C, P₁CH₆P₁P₁PI₆PSPSC₁ 6,3 C₇PsPeC₁
 C₇C-PI_PPSCH₆ P»P₁C, P°P»CH₆PSPsC₁C, C- C₁C, P°PSPsPI₆PI 56 % C- PrPsC₁C, PsPIC-C₇PSPs
 PSP₁ PIC-PrC₇C-P·PSC₁PI₆C₁C₁ C₁ PiC₇C₁PiP°C... P·P°C₁C, PsC₁C₁PI_P°PSPSC₁
 P±C-PeP°P»C₁C, P°PjC-PrC₁ C, P° PeP°C₁C, C₇P°C₁C-C— (P'P = 1,05; P"Pt 0,81B₇"1,36);
 PsPrPSP°Pe C₇C-PI_PSPsC₁C-PSPSC-C₁C, CH₆ PsP±PsC... PjP₁C, PsPrC-PI P»C-PeC₁PI_P°PSPSC₁
 PSP₁ PjPsP₁PI₆PSP° PsC₁C-PSP₆C, P₆ C₁C, P°C, P₆C₁C, P₆C₁PSPs.

Pj C...PsPrC- 2 PrPsC₁P»C-PrP₁PI₆PSCH₆, C₁ CII_{Pe}P₆C... PIP·CII_P»P₆ C₁C₁P°C₁C, CH₆ 805
 PiPsPiP₁CH₆P₁PrPSC₁Ps PSP₁ P»C-PePsPI_P°PSP₆C... PiP°C₁C-C" PSC, C-PI C-P·
 PjP₁C, P°C₁C, P°P·C₁PI_P°PSPSC₁Pj (P₆1) PiC₇P₆ C₇C-PI_PSC- P»P₁C, P°P»CH₆PSPsC₁C, C- 43 %,
 P±C-PeP°P»C₁C, P°PjC-Pr P±C₁PI PsC₁C-PSP₁PSP₆PN₆ CII_{Pe} PjP₁PSC€ P₁C,, P₁PeC, P₆PI_PSP₆PN₆,
 PSC-P₁ PeP°C₁C, C₇P°C₁C-C₁, C°%PsPrPs C₁P°C₁C₁ PIP₆P₁PI₆PI₆PSPSC₁
 (C₁PiC-PI_PIC-PrPSPsC€P₁PSPSC₁ C₇P₆P·P₆PeC-PI = 1,30; PrPsPIC-C₇C₁P₆PN₆
 C-PSC, P₁CH₆PI_P°P» 1,04B₇"1,65), PiC₇P₆ C₁CH₆PsPjC₁ C₁P₆C₁P₁P»CH₆PSP° C₇C-P·PSP₆C₁C₁ C₁
 C₁P°C₁C- PrPs P»P₁C, P°P»CH₆PSPsPiPs PSP°C₁P»C-PrPeC₁ C₁C, P°PSPsPI₆P»P° 42 PrPSC- (6
 C, P₆P₁PI₆PSC-PI) PiC₇P₆ PjP₁PrC-P°PSC- PIP₆P₁PI₆PI₆PSPSC₁ 2 C₇PsPeP₆.

P'C-PeP°P»C₁C, P°PjC-Pr C" C₇P°C₁P₁PjP°C, PsPj P· P°PSC, P₆P°PSP₁CH₆PsPiP₁PSPSPsC₇
 P°PeC, P₆PI_PSC-C₁C, C₇, PiC₇P₁PrC₁C, P°PI_P»P₁PSPsC₇ PjP°PN₆P₁PI₆PSC₁C, PePsPI_Ps
 R-P₁PSP°PSC, C-PsPjP₁CH₆PsPj.

P"C-C, P₆

P-PsPrPSP₆C... PrPsC₁P»C-PrP₁PI₆PSCH₆ P·P° C₁C₁P°C₁C, C₇ PrC-C, P₁PN₆ PSP₁

PJ C...PsPrC- PeP»C-PSC-C†PSPsPiPs PrPsCÍP»C-PrP¶PµPSPSC¶ CÍPµC¶PµPrPSC¶ PePsPSC†PµPSC,C¶P°C†C-C¶ (R)-P±C-PeP°P»CÍC,P°PjC-PrCÍ CÍ CÍPµC¶PjC-C†PsP»PsPIC-PeC-PI, C¶PeC- PN₂PsPiPs PsC,C¶PëPjCÍPIP°P»Pë CÍ PrPsP·C- 150 PjPi, CÍC,P°PSPsPIPëP»P° 4,9 PjPePi/PjP». P¬C-P»CHPeC-CÍC,CH P±C-PeP°P»CÍC,P°PjC-PrCÍ, C¶PeP° PµPsC,PµPSC†C-PN₂PSPs PµPsC,C¶P°PµP»C¶C" PI PsC¶PiP°PSC-P·Pj P¶C-PSPePë-PµP°C¶C,PSPµC¶P° PµC-Pr C†P°CÍ CÍC,P°C,PµPIPëC... P·PSPsCÍPëPS, C" PSPëP·CHPePsC¶ C,P° PjPsP¶Pµ CÍC,P°PSPsPIPëC,Pë PµC¶PëP±P»PëP·PSPs 0,3 PjPePi/PjP». PµPN₂ C¶C-PIPµPSC¶ C" PSPëP¶C†PëPj P·P° C,PsPN₂, C%Ps CÍ P»P°P±PsC¶P°C,PsC¶PSPëC... C,PIP°C¶PëPS PµC¶PëP·PIPsPrPëC,CH PrPs P·PjC-PSPë PµPsC,PsPjCÍC,PIP°.

PħCÍPsP±P»PëPIC- PiCĤCÍPİPë PiP°C†C-C"PSC,C-PI

PᄡP°CĤPjP°PePsPeC-PSPµC,PëPeP° (R)-PµPSP°PSC,C-PsPjPµCĤP° PSPµ P·P°P»PµP¶PëC,CHB
PIC-Pr PIC-PeCÍ PiP°C†C-C"PSC,P°, PSP°CĬPIPSpCÍC,C- CÍ PSCHBPsPiPs CÍCĤP°P¶PµPSPSCĬ
PSPëCĤPsPe P°P±Ps P»PµPiPePsPiPs C‡Pë PiPsPjC-CĤPSPsPiPs CÍCĤP°P¶PµPSPSCĬ
PiPµC‡C-PSPePë. P†CÍPSCrCĤC,CHB PrPsPeP°P·Pë, C%Ps CÍ PiP°C†C-C"PSC,C-PI C-P·
C,CĬP¶PePëPjPë CÍCĤP°P¶PµPSPSCĬPjPë PiPµC‡C-PSPePë (R)-PµPSP°PSC,C-PsPjPµCĤ
PiPsPIC-P»CHBPS-C€Pµ PµP»C-PjC-PSCrC"C,CHCÍCĬ P· PiP»P°P·PjPë PeCĤPsPIC-.

PᄡP»C-PSC-C‡PSC- C...P°CĤP°PeC,PµCĤPëCÍC,PëPePë.

PµPsPeP°P·P°PSPSCĬ

P'C-CÍC,P°PjC-Pr, 150 PjPi, PiPsPeP°P·P°PSPëPNë PrP»CĬ PjPsPSPsC,PµCĤP°PiC-C— P°P±Ps
CĬPe P°PrBĤ™ CĤPIP°PSC,PSP° C,PµCĤP°PiC-CĬ CÍ PiPsC"PrPSP°PSPSC- P·
CĤP°PrPëPeP°P»CHBPSpCĤ PiCĤPsCÍC,P°C,PµPeC,PsPjC-C"CĤ C‡Pë PiCĤPsPjPµPSPµPIPsCĤ
C,PµCĤP°PiC-C"CĤ PiP°C†C-C"PSC,P°Pj C-P· PjC-CÍC†PµPIPsCĤPsP·PiPsPICÍCĤPrP¶PµPSPëPj
CĤP°PePsPj PiPµCĤPµPrPjC-C...CÍCĤPsPIPsC— P·P°P»PsP·Pë PiCĤPë PIPëCÍPsPePsPjCÍ
CĤPëP·PëPeCÍ PiCĤPsPiCĤPµCÍCÍPIP°PSPSCĬ P·P°C...PIPsCĤCĤPIP°PSPSCĬ (PrPëPI.
CĤPsP·PrC-P» B«PᄡP°CĤPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-B»).

P'C-CÍC,P°PjC-Pr, 150 PjPi, C,P°PePsP¶ PiPsPeP°P·P°PSPëPNë PrP»CĬ P»C-PeCÍPIP°PSPSCĬ
PiP°C†C-C"PSC,C-PI C-P· PjC-CÍC†PµPIPsCĤPsP·PiPsPICÍCĤPrP¶PµPSPëPj
PSPµPjPµC,P°CÍC,P°C,PëC‡PSPëPj CĤP°PePsPj PiPµCĤPµPrPjC-C...CÍCĤPsPIPsC— P·P°P»PsP·Pë,
PrP»CĬ CĬPePëC... C...C-CĤCÍCĤPiC-C‡PSP° PeP°CÍC,CĤP°C†C-CĬ C‡Pë C-PSC€C-
PjPµPrPëC‡PSC- PIC,CĤCÍC‡P°PSPSCĬ C" PSPµPiCĤPëPNëPSCĬC,PSPëPjPë C‡Pë PSPµ
PjPsP¶CÍC,CHB P±CÍC,Pë P·P°CÍC,PscÍPsPIP°PSC-.

PµCĤPsC,PëPiPsPeP°P·P°PSPSCĬ

P'C-CÍC,P°PjC-Pr PiCĤPsC,PëPiPsPeP°P·P°PSPëPNë PrP»CĬ P·P°CÍC,PscÍCÍPIP°PSPSCĬ
P¶C-PSPeP°Pj C,P° PrC-C,CĬPj.

P'C-CÍC,P°PjC-Pr PSPµ CÍP»C-Pr PiCĤPëP·PSP°C‡P°C,Pë PiP°C†C-C"PSC,P°Pj, CÍ CĬPePëC...
CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCĬ CĤPµP°PeC†C-C— PiC-PiPµCĤC‡CÍC,P»PëPIPsCÍC,C- PrPs
PrC-CĤC‡PsC— CĤPµC‡PsPIPëPSPë C‡Pë P±CÍPrCHB-CĬPePëC... PrPsPiPsPjC-P¶PSPëC...
CĤPµC‡PsPIPëPS, C%Ps PIC...PsPrCĬC,CHB PrPs CÍPeP»P°PrCÍ P»C-PeP°CĤCÍCHBPePsPiPs
P·P°CÍPsP±CÍ. PµCĤPsC,PëPiPsPeP°P·P°PSPµ PsPrPSPsC‡P°CÍPSPµ P·P°CÍC,PscÍCÍPIP°PSPSCĬ
P±C-PeP°P»CÍC,P°PjC-PrCÍ P· C,PµCĤC„PµPSP°PrPëPSPsPj, P°CÍC,PµPjC-P·PsP»PsPj C‡Pë
C†PëP·P°PiCĤPëPrPsPj.

***P'P·P°C"PjPsPrC-CĬ P· C-PSC€PëPjPë P»C-PeP°CĤCÍCHBPePëPjPë P·P°CÍPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C"PjPsPrC-PNë.***

P"PscÍP»C-PrP¶PµPSPSCĬ C-n vitro PiPsPeP°P·P°P»Pë, C%Ps R-P±C-PeP°P»CÍC,P°PjC-Pr C"
C-PSPiC-P±C-C,PscĤPsPj CYP3A4 C,P° PiCĤPsCĬPIP»CĬC" PjPµPSC€PëPNë
C-PSPiC-P±C-C,PscĤPSPëPNë PIPiP»PëPI PSP° P°PeC,PëPIPS-CÍC,CHB CYP2PŸ9, 2PŸ19 C,P°

P»C-PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë, CÍPeC- P·PrP°C,PSC- PíPsPrPsPIP¶PëC,Pë C-PSC,PµCḡPIP°P» QT P°P±Ps CÍPíCḡPëC±PëPSPëC,Pë CḡPsP·PIPëC,PsPe C€P»CÍPSPsC±PePsPIPsC— C,P°C...C-PeP°CḡPrC-C— C,PëPíCí PíC-CḡCíPµC, (*torsade de pointes*), C,P°PePëPjPë CÍPe P°PSC,PëP°CḡPëC,PjC-C±PSC- PíCḡPµPíP°CḡP°C,Pë PeP»P°CÍCí IA (C...C-PSC-PrPëPS, PrPëP·PsPíC-CḡP°PjC-Pr) P°P±Ps PeP»P°CÍCí III (P°PjC-PsPrP°CḡPsPS, CÍPsC,P°P»PsP», PrPsC,,PµC,PëP»C-Pr, C-P±CíC,PëP»C-Pr), PjPµC,P°PrPsPS, PjPsPeCÍPëC,,P»PsPeCÍP°C±PëPS, PSPµPNëCḡPsP»PµPíC,PëPePë. (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCíPIP°PSPSCÍB»).

P°C-C,Pë

P°PsCÍP»C-PrP¶PµPSPSCÍ PIP·P°C°PjPsPrC-C— PíCḡPsPIPsPrPëP»Pë C,C-P»CHbPePë P·CíC±P°CÍC,Cḡ PrPsCḡPsCÍP»PëC... PíP°C±C-C°PSC,C-PI.

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC±PIP°PSPSCÍ

P>C-PeCíPIP°PSPSCÍ CÍP»C-Pr PíPsC±PëPSP°C,Pë PíC-Pr P±PµP·PíPsCÍPµCḡPµPrPSC-Pj PSP°PíP»CÍPrPsPj P»C-PeP°CḡCÍ.

P°C-PeP°P»CíC,P°PjC-Pr P°PeC,PëPIPsPs PjPµC,P°P±PsP»C-P·CíC°C,CHbCÍCÍ Cí PíPµC±C-PSC±C-. P°PµCÍPeC- PrP°PSC- PrP°CḡC,CHb PíC-PrCÍC,P°PICí PíPíP°P¶P°C,Pë, C%Ps Cí PíP°C±C-C°PSC,C-PI P· C,CÍP¶PePëPjPë CíCḡP°P¶PµPSPSCÍPjPë PíPµC±C-PSPePë PIPëPIPµPrPµPSPSCÍ P»C-PeP°CḡCÍCHbPePsPíPs P·P°CÍPsP±Cí CíPíPsPIC-P»CHbPSCḡC,CḡCÍCÍ, P° C±Pµ PjPsP¶Pµ PíCḡPëP·PIPµCÍC,Pë PrPs PeCíPjCíP»CÍC±C-C— P±C-PeP°P»CíC,P°PjC-PrCí. PýPsPjCí P±C-PeP°P»CíC,P°PjC-Pr CÍP»C-Pr P·P°CÍC,PsCÍPsPICíPIP°C,Pë P· PsP±PµCḡPµP¶PSC-CÍC,Cḡ PíP°C±C-C°PSC,P°Pj C-P· PíPsPjC-CḡPSPëPjPë P°P±Ps C,CÍP¶PePëPjPë CíCḡP°P¶PµPSPSCÍPjPë PíPµC±C-PSPePë.

P\$PµCḡPµP· PjPsP¶P»PëPIC-CÍC,CHb P·PjC-PS C,,CíPSPeC±C-C— PíPµC±C-PSPePë CÍP»C-Pr PíPµCḡC-PsPrPëC±PSPs PíCḡPsPIPsPrPëC,Pë PePsPSC,CḡPsP»CHb PíPµC±C-PSPePsPIPëC... PíCḡPsP±. P°C-P»CHbC€C-CÍC,CHb P·PjC-PS CÍPíPsCÍC,PµCḡC-PíP°CḡC,CHbCÍCÍ PíCḡPsC,CÍPíPsPj PíPµCḡC€PëC... 6 PjC-CÍCÍC±C-PI P·P°CÍC,PsCÍCíPIP°PSPSCÍ P±C-PeP°P»CíC,P°PjC-PrCí. P—CḡC-PrPeP° PíCḡPë P·P°CÍC,PsCÍCíPIP°PSPSC- P±C-PeP°P»CíC,P°PjC-PrCí CÍPíPsCÍC,PµCḡC-PíP°CḡC,CHb C,CÍP¶PeC- P·PjC-PSPë P· P±PsPeCí PíPµC±C-PSPePë, PíPsPIC-PrPsPjP»CÍP»Pë PSP°PIC-C,CHb PíCḡPs P»PµC,P°P»CHbPSC- PIPëPíP°PrPePë. PíPeC%Ps CÍPíPsCÍC,PµCḡC-PíP°CḡC,CHbCÍCÍ C,CÍP¶PeC- P·PjC-PSPë, P»C-PeCíPIP°PSPSCÍ P±C-PeP°P»CíC,P°PjC-PrPsPj CÍP»C-Pr PíCḡPëPíPëPSPëC,Pë.

PµCḡPë PSP°CÍPIPsPsCÍC,C- PsP±bḡ™C°PeC,PëPIPsPëC... PsP·PSP°Pe PíCḡPsPíCḡPµCÍCíPIP°PSPSCÍ P·P°C...PIPsCḡCḡPIP°PSPSCÍ C,P° PíCḡPë PíC-PrPIPëC%PµPSPsPjCí CḡC-PIPsC- PµPýPḡ (PíCḡPsCÍC,P°C,PëC±PSPsPíPs CÍPíPµC±PëC,,C-C±PSPsPíPs P°PSC,PëPíPµPSCí) CÍP»C-Pr CḡPsP·PíP»CÍPSCíC,Pë PjPsP¶P»PëPIC-CÍC,CHb PíCḡPëPíPëPSPµPSPSCÍ C,PµCḡP°PíC-C— P±C-PeP°P»CíC,P°PjC-PrPsPj.

PµPsPeP°P·P°PSPs, C%Ps P±C-PeP°P»CíC,P°PjC-Pr PíCḡPëPíPSC-C±CíC° P°PeC,PëPIPsC-CÍC,CHb C±PëC,PsC...CḡPsPjCí P 450 (CYP3A4), C,PsPjCí CÍP»C-Pr PíCḡPsCÍPIP»CÍC,Pë PsP±PµCḡPµP¶PSC-CÍC,CHb Cí CḡP°P·C- PsPrPSPsC±P°CÍPSPsPíPs PNëPsPíPs PíCḡPëP·PSP°C±PµPSPSCÍ P· P»C-PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë, C%Ps PjPµC,P°P±PsP»C-P·CíCḡC,CHbCÍCÍ PíPµCḡPµPIP°P¶PSPs CYP3A4.

PJ C₇C-PrPeC-CÍPSPëC... PIPëPíP°PrPeP°C... PíPsPIC-PrPsPjP»CÍP»Pë PíC₇Ps C₇PμP°PeC†C-C—
C,,PsC,PSCÍPμPSCÍPëP±C-P»C-P·P°C†C-C— CÍ PíP°C†C-C”PSC,C-PI, CÍPeC- PíC₇PëPNëPjP°P»Pë
P±C-PeP°P»CÍC,P°PjC-Pr, 150 PjPi. PμP°C†C-C”PSC,P°Pj CÍP»C-Pr
C₇PμPePsPjPμPSPPrCÍPIP°C,Pë CÍPSPëPeP°C,Pë PíC₇CÍPjPsPiPs PIPíP»PëPICÍ
PSP°PrPjC-C₇PSPsPiPs CÍPsPSCÍC†PSPsPiPs CÍPIC-C,P»P° P°P±Ps
CÍP»CHC,C₇P°C,,C-PsP»PμC,PsPiPsPiPs CÍPIC-C,P»P° C,P° PePsC₇PëCÍC,CÍPIP°C,PëCÍCÍ
CÍPsPSC†PμP·P°C...PëCÍPSPëPjPë P·P°CÍPsP±P°PjPë PíC-Pr C†P°CÍ PíC₇PëPNëPsPjCÍ
P±C-PeP°P»CÍC,P°PjC-PrCÍ, 150 PjPi. PíPeC%Ps C₇PμP°PeC†C-CÍ
C,,PsC,PSC†CÍC,P»PëPiPsCÍC,C- C” P±C-P»CHC€ CÍC,C-PNëPePsC₇ C,P°/P°P±Ps C,CÍP¶PePsC₇,
CÍP»C-Pr C₇PsP·PíPsC†P°C,Pë PIC-PrPíPsPIC-PrPSPμ CÍPëPjPíC,PsPjP°C,PëC†PSPμ
P»C-PeCÍPIP°PSPSCÍ.

PýPμC₇P°PíC-CÍ P°PSC,PëP°PSPPrC₇PsPiPμPSP°PjPë PjPsP¶Pμ PíC₇PëP·PiPsPrPëC,Pë
PrPs PíPsPrPsPIP¶PμPSPSCÍ C-PSC,PμC₇PIP°P»CÍ QT.

P”P»CÍ PíP°C†C-C”PSC,C-PI P· C,,P°PeC,PsC₇P°PjPë C₇PëP·PëPeCÍ P°P±Ps P·
PSP°CÍPIPSC-CÍC,C₇ PíPsPrPsPIP¶PμPSPSCÍ C-PSC,PμC₇PIP°P»CÍ QT PI P°PSP°PjPSPμP·C-,
P° C,P°PePsP¶ PrP»CÍ PíP°C†C-C”PSC,C-PI, CÍPeC- PsPrPSPsC†P°CÍPSPs
PíC₇PëPNëPjP°C₇C,CH P»C-PeP°C₇CÍCHPeC- P·P°CÍPsP±Pë, C%Ps PjPsP¶CÍC,CH
PíPsPrPsPIP¶CÍPIP°C,Pë C-PSC,PμC₇PIP°P» QT (PrPëPI. C₇PsP·PrC-P» B«P’P·P°C”PjPsPrC-CÍ P·
C-PSC€PëPjPë P»C-PeP°C₇CÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C”PjPsPrC-PNëB»), P»C-PeP°C₇ PíPsPIPëPSPμPS PrPs PíPsC†P°C,PeCÍ
P»C-PeCÍPIP°PSPSCÍ P±C-PeP°P»CÍC,P°PjC-PrPsPj PsC†C-PSPëC,Pë
CÍPíC-PIPIC-PrPSPsC€PμPSPSCÍ C₇PëP·PëPe/PePsC₇PëCÍC,CH, PIC₇P°C...PsPICÍC₇C†Pë
PíPsC,PμPSC†C-PNëPSPëPNë C₇PëP·PëPe PIPëPSPëPePSPμPSPSCÍ C€P»CÍPSPsC†PePsPiPs—
C,P°C...C-PeP°C₇PrC-C— C,PëPíCí PíC-C₇CÍPμC, (*torsade de pointes*).

P₇PSC,PëP°PSPPrC₇PsPiPμPSPSP° C,PμC₇P°PíC-CÍ PjPsP¶Pμ CÍPíC₇PëC†PëPSPëC,Pë
P·PjC-PSPë CÍ PjPsC₇C,,PsP»PsPiC-C— CÍPíPμC₇PjP°C,PsP·PsC—PrC-PI. PíPsC†P°
PIPíP»PëPI P±C-PeP°P»CÍC,P°PjC-PrCÍ PSP° PjPsC₇C,,PsP»PsPiC-C₇
CÍPíPμC₇PjP°C,PsP·PsC—PrC-PI PSPμ PsC†C-PSC₇PIP°P»Pë C- PíC₇Ps C,P°PeC-
P·PjC-PSPë CÍ PíP°C†C-C”PSC,C-PI, CÍPeC- PsC,C₇PëPjCÍPIP°P»Pë
P±C-PeP°P»CÍC,P°PjC-Pr, PSPμ PíPsPIC-PrPsPjP»CÍP»Pë, PíP°C†C-C”PSC,P°Pj
C,P°/P°P±Ps C—C...PSC-Pj PíP°C₇C,PSPμC₇P°Pj PíC-Pr C†P°CÍ P»C-PeCÍPIP°PSPSCÍ C-
PíC₇PsC,CÍPiPsPj 130 PrPSC-PI PíC-CÍP»CÍ C,PμC₇P°PíC-C—
P±C-PeP°P»CÍC,P°PjC-PrPsPj CÍP»C-Pr PIPëPePsC₇PëCÍC,PsPICÍPIP°C,Pë
PμC,,PμPeC,PëPIPSC- PjPμC,PsPrPë PePsPSC,C₇P°C†PμPíC†C-C—.

PμPsPIC-PrPsPjP»CÍP»Pë PíC₇Ps PíPsCÍPëP»PμPSPSCÍ PμC,,PμPeC,C-PI
PeCÍPjP°C₇PëPSPsPiPëC... P°PSC,PëPePsP°PíCÍP»CÍPSC,C-PI CÍ PíP°C†C-C”PSC,C-PI,
CÍPeC- PsPrPSPsC†P°CÍPSPs PíC₇PëPNëPjP°P»Pë P±C-PeP°P»CÍC,P°PjC-Pr, C%Ps
PjPsP¶Pμ PíC₇PëP·PIPμCÍC,Pë PrPs P·P±C-P»CHC€PμPSPSCÍ
PíC₇PsC,C₇PsPjP±C-PSPsPiPsPiPs C†P°CÍCÍ (PμP§) C,P° PjC-P¶PSP°C₇PsPrPSPsPiPs
PSPsC₇PjP°P»C-P·PsPIP°PSPsPiPs PIC-PrPSPsC€PμPSPSCÍ (P₇P₇P’). P”PμCÍPeC-
PIPëPíP°PrPePë P±CÍP»Pë PíPsPIB₇™ CÍP·P°PSC- P· C₇PëP·PëPePsPj
PIPëPSPëPePSPμPSPSCÍ PeC₇PsPiPsC,PμC†C-. P PμPePsPjPμPSPPrCÍC”C,CHCÍCÍ
C₇PμC,PμP»CHPSPs PePsPSC,C₇PsP»C₇PIP°C,Pë C₇C-PIPSC- PμP§/P₇P₇P’ C-
PíPsC,C₇C-P±PSPs C₇PsP·PíP»CÍPSCÍC,Pë PíPëC,P°PSPSCÍ PíC₇Ps
PePsC₇PëPíCÍPIP°PSPSCÍ PrPsP·Pë P°PSC,PëPePsP°PíCÍP»CÍPSC,C-PI.

P'P°P¶P»PëPIP° C-PSC,,PsC¶PjP°C†C-C¶ PiC¶Ps PrPsPiPsPjC-P¶PSC- C¶PµC#PsPIPëPSPë

*PµP°C†C-C"°PSC,P°Pj P· C¶C-PrPeC-C¶PSPëPjPë C¶PiP°PrPePsPIPëPjPë C,,PsC¶PjP°PjPë
PSPµPiPµC¶PµPSPsC¶PëPjPsC¶C,C- PiP°P»P°PeC,PsP·Pë, PiC¶PsPrP¶PµPSPsC¶
P»P°PeC,P°P·PSPsC¶ PSPµPrPsC¶C,P°C,PSC-C¶C,C¶ P°P±Ps C¶PëPSPrC¶PsPjPsPj
PjP°P»CHP°P±C¶PsC¶P±C†C-C— PiP»C¶PePsP·Pë-PiP°P»P°PeC,PsP·Pë PSPµ C¶P»C-Pr
PiC¶PëPNëPjP°C,Pë C†PµPNë P»C-PeP°C¶C¶CHPePëPNë P·P°C¶C-P±.*

*P>C-PeP°C¶C¶CHPePëPNë P·P°C¶C-P± PjC-C¶C,PëC,CH PjPµPSCëPµ 1 PjPjPsP»CH (23
PjPi)/PrPsP·C¶ PSP°C,C¶C-C¶, C,PsP±C,Ps PiC¶P°PeC,PëC#PSPs PIC-P»CHPSPëPNë
PIC-Pr PSP°C,C¶C-C¶.*

***P—P°C¶C,PsC¶C¿PIP°PSPSC¶ C¿ PiPµC¶C-PsPr PIP°PiC-C,PSPsC¶C,C- P°P±Ps
PiPsPrC¿PIP°PSPSC¶ PiC¶C¿PrPrC¶***

P'P°PiC-C,PSC-C¶C,C¶

*P'C-C¶C,P°PjC-Pr PiC¶PsC,PëPiPsPeP°P·P°PSPëPNë PrP»C¶ P·P°C¶C,PsC¶C¶PIP°PSPSC¶
P¶C-PSPeP°Pj. P—P°C¶C,PsC¶C¶PIP°PSPSC¶ P±C-PeP°P»C¶C,P°PjC-PrC¶
PiC¶PsC,PëPiPsPeP°P·P°PSPµ P¶C-PSPeP°Pj C¶ PiPµC¶C-PsPr PIP°PiC-C,PSPsC¶C,C-.*

P"PsPrC¶PIP°PSPSC¶ PiC¶C¶PrPrC¶

*P'C-PeP°P»C¶C,P°PjC-Pr PiC¶PsC,PëPiPsPeP°P·P°PSPëPNë C¶ PiPµC¶C-PsPr PiPsPrC¶PIP°PSPSC¶
PiC¶C¶PrPrC¶.*

PµPµC¶C,PëP»CHPSC-C¶C,C¶

*PhP±PsC¶PsC,PSPµ PiPsPiC-C¶CëPµPSPSC¶ C#PsP»PsPIC-C#PsC—
C,,PµC¶C,PëP»CHPSPsC¶C,C- C¶PiPsC¶C,PµC¶C-PiP°P»PsC¶C¶ C¶
PrPsC¶P»C-PrP¶PµPSPSC¶C... PSP° C,PIP°C¶PëPSP°C.... Pj P»C¶PrPëPSPë C¶P»C-Pr
PiC¶PëPiC¶C¶PeP°C,Pë PiPµC¶C-PsPr C¶C¶P±C,,PµC¶C,PëP»CHPSPsC¶C,C- P°P±Ps
P±PµP·PiP»C-PrPrC¶C¶.*

***P—PrP°C,PSC-C¶C,C¶ PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-C¶C,C¶ C¶PµP°PeC†C-C—
PiC¶Pë PePµC¶C¿PIP°PSPSC- P°PIC,PsC,C¶P°PSC¶PiPsC¶C,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë***

*P'C-PeP°P»C¶C,P°PjC-Pr PSPµ PIPiP»PëPIP°C" PSP° P·PrP°C,PSC-C¶C,C¶ PePµC¶C¶PIP°C,Pë
P°PIC,PsPjPsP±C-P»PµPj P°P±Ps PiC¶P°C†C¶PIP°C,Pë P·C- C¶PeP»P°PrPSPëPjPë
PjPµC...P°PSC-P·PjP°PjPë. PhPrPSP°Pe C¶P»C-Pr PjP°C,Pë PSP° C¶PIP°P·C-, C%Ps C#P°C¶C,Ps
PjPsP¶Pµ PIPëPSPëPeP°C,Pë C¶PsPSP»PëPIC-C¶C,C¶ C,P° P·P°PiP°PjPsC¶PsC#PµPSPSC¶
(PrPëPI. C¶PsP·PrC-P» B«PµPsP±C-C#PSC- C¶PµP°PeC†C-C—B»). PµP°C†C-C"°PSC,Pë, C¶PeC-
PiC¶PëPNëPjP°C¶C,C¶ C†PµPNë P»C-PeP°C¶C¶CHPePëPNë P·P°C¶C-P±, PiPsPIPëPSPSC-
PrPsC,C¶PëPjC¶PIP°C,PëC¶C¶ PsP±PµC¶PµP¶PSPsC¶C,C-.*

PŸPiPsC¶C-P± P·P°C¶C,PsC¶C¿PIP°PSPSC¶ C,P° PrPsP·Pë

P''PsCḥPsCfP»C- PĭP°C†C-C''PSC,Pë C‡PsP»PsPIC-C‡PsC— CfC,P°C,C-, PIPeP»CḥC‡P°CḥC‡Pë PĭP°C†C-C''PSC,C-PI P»C-C,PSCḥPsPiPs PIC-PeCf: PĭPμCḥPsCḥP°P»CḥPSPs PĭPs PsPrPSC-PNë C,P°P±P»PμC,C†C- 150 PjPi 1 CḥP°P· PSP° PrPsP±Cf.

P'C-CfC,P°PjC-Pr, 150 PjPi, CfP»C-Pr PĭCḥPëPNëPjP°C,Pë C,CḥPëPIP°P»PëPNë C‡P°Cf, PĭCḥPëPSP°PNëPjPSC- PrPs 2 CḥPsPeC-PI P°P±Ps PrPs PĭPsCḥPIPë PsP·PSP°Pe PĭCḥPsPĭCḥPμCfCfPIP°PSPSCḥ P·P°C...PIPScḥCḥPIP°PSPSCḥ.

PḥCfPsP±P»PëPIC- PĭCḥCzPĭPë PĭP°C†C-C''PSC,C-PI

PkPëCḥPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,Cḥ. PμP°C†C-C''PSC,P°Pj C-P· PSPëCḥPePsPIPScḥ PSPμPrPsCfC,P°C,PSC-CfC,Cḥ PePsCḥPμPeC†C-Cḥ PrPsP·Pë PSPμ PĭPsC,CḥC-P±PSP°. PμPμC‡C-PSPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,Cḥ. PμP°C†C-C''PSC,P°Pj C-P· P»PμPiPePsCḥ PĭPμC‡C-PSPePsPIPScḥ PSPμPrPsCfC,P°C,PSC-CfC,Cḥ PePsCḥPμPeC†C-Cḥ PrPsP·Pë PSPμ PĭPsC,CḥC-P±PSP°. Pj PĭP°C†C-C''PSC,C-PI C-P· PĭPsPjC-CḥPSPScḥ P°P±Ps C,CḥP¶PePsCḥ PĭPμC‡C-PSPePsPIPScḥ PSPμPrPsCfC,P°C,PSC-CfC,Cḥ PjPsP¶P»PëPIPμ PĭC-PrPIPëC%PμPSPμ PSP°PePsPĭPëC‡PμPSPSCḥ P»C-PeP°CḥCfCḥPePsPiPs P·P°CfPsP±Cf (PrPëPI. CḥPsP·PrC-P» B«PḥCfPsP±P»PëPIPScfC,C- P·P°CfC,PsCfCfPIP°PSPSCḥB»).

P''C-C,Pë. P'C-PeP°P»CfC,P°PjC-Pr PĭCḥPsC,PëPĭPsPeP°P·P°PSPëPNë PrP»Cḥ P·P°CfC,PsCfCfPIP°PSPSCḥ PrC-C,CḥPj.

PμPμCḥPμPrPsP·CzPIP°PSPSCḥ

PŸPëPjPĭC,PsPjPë. PkPμPjP°C'' PrP°PSPëC... C%PsPrPs PĭPμCḥPμPrPsP·CfPIP°PSPSCḥ P»CḥPrPëPSPë.

P>C-PeCzPIP°PSPSCḥ. PŸPĭPμC†PëC,,C-C‡PSPsPiPs P°PSC,PëPrPsC,Cf PSPμ C-CfPSCfC''; P»C-PeCfPIP°PSPSCḥ CfPëPjPĭC,PsPjP°C,PëC‡PSPμ. P''C-P°P»C-P· PjPsP¶Pμ P±CfC,Pë PSPμPμC,,PμPeC,PëPIPSPëPj, PsCfPeC-P»CḥPePë P±C-PeP°P»CfC,P°PjC-Pr P·PSP°C‡PSPScḥ PjC-CḥPsCḥ P·PIBḥ™ CḥP·CfC''C,CḥCfCḥ P· P±C-P»PeP°PjPë PeCḥPsPIC- C,P° PSPμ PIPëCḥPIP»CḥC''C,CḥCfCḥ Cf PSPμP·PjC-PSPμPSPsPjCf PIPëPiP»CḥPrC- PI CfPμC‡C-. PμCḥPë PĭPμCḥPμPrPsP·CfPIP°PSPSC- PĭPsPeP°P·P°PSP° P·P°PĭP°P»CḥPSP° PĭC-PrC,CḥPëPjCfPIP°P»CḥPSP° C,PμCḥP°PĭC-Cḥ, PIPeP»CḥC‡P°CḥC‡Pë PjPsPSC-C,PsCḥPëPSPi P¶PëC,C,C''PIPs PIP°P¶P»PëPIPëC... PĭPsPeP°P·PSPëPeC-PI.

PμPsP±C-C‡PSC- CḥPμP°PeC†C-C-

PμPsP±C-C‡PSC- CḥPμP°PeC†C-C— P·P°P·PSP°C‡PμPSPs P·P° C‡P°CfC,PsC,PsCḥ: PrCfP¶Pμ C‡P°CfC,C- (≥ 1/10), C‡P°CfC,C- (≥ 1/100, < 1/10), PSPμC‡P°CfC,C- (≥ 1/1000, ≤ 1/100), CḥC-PrPePs (≥ 1/10000, ≤ 1/1000), PrCfP¶Pμ CḥC-PrPePs (≤ 1/10000), C‡P°CfC,PsC,P° PSPμPIC-PrPsPjP° (PSP° PsCfPSPsPIC- PrPsCfC,CfPĭPSPëC... PrP°PSPëC... PSPμPjPsP¶P»PëPIPs PICfC,P°PSPsPIPëC,Pë C‡P°CfC,PsC,Cf PIPëPSPëPePSPμPSPSCḥ).

$P\ddot{Y}P\ddot{e}C\dot{I}C, P_{\mu}PjP^{\circ}$ $PsC\dot{H}PiP^{\circ}PSC-PI$	$P\dot{S}P^{\circ}C\dot{I}C, PsC, P^{\circ}$	$P_{\mu}PsP\pm C-C\ddagger PSP^{\circ} C\dot{H}P_{\mu}P^{\circ}PeC\dot{+}C-C\dot{I}$
$P- P\pm PsPeC\dot{z} PeC\dot{H}PsPIC- C, P^{\circ}$ $P\gg C-PjC, P^{\circ}C, P\ddot{e}C\ddagger PSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P\dot{H}PSP_{\mu}PjC-C\dot{I}$
$P- P\pm PsPeC\dot{z} C-PjC\dot{z}PSPSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	$P\acute{k}P_{\mu}C\ddagger P^{\circ}C\dot{I}C, C-$	$P^{\circ}C-P\ddot{i}P_{\mu}C\dot{H}C\ddagger C\dot{r}C, P\gg P\ddot{e}PIC-C\dot{I}C, CH\dot{b},$ $P^{\circ}PSPiC-PsPSP_{\mu}PIC\dot{H}PsC, P\ddot{e}C\ddagger PSP\ddot{e}PN\dot{z}$ $PSP^{\circ}P\pm C\dot{H}C\dot{I}Pe,$ $PeC\dot{H}PsP\ddot{i}P\ddot{e}PI\dot{b}\dot{H}^{\text{TM}}C\dot{I}IPSPeP^{\circ}$
$P- P\pm PsPeC\dot{z} PsP\pm PjC-PSC\dot{z}$ $C\dot{H}P_{\mu}C\ddagger PsPIP\ddot{e}PS,$ $PjP_{\mu}C, P^{\circ}P\pm PsP\gg C-P\cdot PjC\dot{z}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P-PjP_{\mu}PSC\epsilon P_{\mu}PSPSC\dot{I} P^{\circ}P\ddot{i}P_{\mu}C, P\ddot{e}C, C\dot{r}$
$P- P\pm PsPeC\dot{z} P\ddot{i}C\dot{I}P\ddot{e}C...C-PeP\ddot{e}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P-PSP\ddot{e}P\dot{H}P_{\mu}PSPSC\dot{I} P\gg C-P\pm C-PrPs,$ $PrP_{\mu}P\ddot{i}C\dot{H}P_{\mu}C\dot{I}C-C\dot{I}$
$P- P\pm PsPeC\dot{z} PSP_{\mu}C\dot{H}PIPSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P-P^{\circ}P\ddot{i}P^{\circ}PjPsC\dot{H}PsC\ddagger P_{\mu}PSPSC\dot{I},$ $C\dot{I}PsPSP\gg P\ddot{e}PIC-C\dot{I}C, CH\dot{b}$
$P- P\pm PsPeC\dot{z} C\dot{I}P_{\mu}C\dot{H}C\dot{+}C\dot{I}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P_{\mu}PsPrPsPIP\dot{H}P_{\mu}PSPSC\dot{I}$ $C-PSC, P_{\mu}C\dot{H}PIP^{\circ}P\gg C\dot{r} QT (PrP\ddot{e}PI.$ $C\dot{H}PsP\cdot PrC-P\gg P\ddot{e}$ $B\langle PhC\dot{I}PsP\pm P\gg P\ddot{e}PIPsC\dot{I}C, C-$ $P\cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}B\gg C, P^{\circ}$ $B\langle P^{\circ}P\cdot P^{\circ}C^{\circ}PjPsPrC-C\dot{I} P\cdot C-PSC\epsilon P\ddot{e}PjP\ddot{e}$ $P\gg C-PeP^{\circ}C\dot{H}C\dot{I}CHPeP\ddot{e}PjP\ddot{e}$ $P\cdot P^{\circ}C\dot{I}PsP\pm P^{\circ}PjP\ddot{e} C, P^{\circ} C-PSC\epsilon C- PIP\ddot{e}PrP\ddot{e}$ $PIP\cdot P^{\circ}C^{\circ}PjPsPrC-PN\dot{z}B\gg)$
$P\ddot{Y}C\dot{z}PrP\ddot{e}PSPSC-$ $P\ddot{i}PsC\dot{H}C\dot{z}C\epsilon P_{\mu}PSPSC\dot{I}$	$P^{\circ}C\dot{r}P\dot{H}P_{\mu}$ $C\ddagger P^{\circ}C\dot{I}C, C-$	$P_{\mu}C\dot{H}P\ddot{e}P\ddot{i}P\gg P\ddot{e}PIP\ddot{e}$
$P- P\pm PsPeC\dot{z}$ $C\dot{H}P_{\mu}C\dot{I}P\ddot{i}C-C\dot{H}P^{\circ}C, PsC\dot{H}PSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}, PsC\dot{H}PiP^{\circ}PSC-PI$ $P\ddot{i}C\dot{H}C\dot{z}PrPSPsC- PeP\gg C-C, PeP\ddot{e}$ C, P° $C\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPsC\dot{I}C, C-PSPSC\dot{I}$	$P\acute{k}P_{\mu}C\ddagger P^{\circ}C\dot{I}C, C-$	$P\dot{+}PSC, P_{\mu}C\dot{H}C\dot{I}C, P\ddot{e}C\dot{+}C-P^{\circ}P\gg CH\dot{b}PSP^{\circ}$ $P\gg P_{\mu}PiP_{\mu}PSP_{\mu}PIP^{\circ} C...PIPsC\dot{H}PsP\pm P^{\circ 5}.$ $P,, P\ddot{i}PsPIC-PrPsPjP\gg P_{\mu}PSPSC\dot{I} P\ddot{i}C\dot{H}Ps$ $P\gg P_{\mu}C, P^{\circ}P\gg CH\dot{b}PSC- PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP\ddot{e}.$
$P- P\pm PsPeC\dot{z} C, C\dot{H}P^{\circ}PIPSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P^{\circ}C-P\gg CH\dot{b} C\dot{r} P\dot{H}P\ddot{e}PIPsC, C-, P\cdot P^{\circ}P\ddot{i}PsC\dot{H},$ $PrP\ddot{e}C\dot{I}P\ddot{i}P_{\mu}P\ddot{i}C\dot{I}C-C\dot{I}, PjP_{\mu}C, P_{\mu}PsC\dot{H}P\ddot{e}P\cdot Pj,$ $PSC\dot{r}PrPsC, P^{\circ}$
$P- P\pm PsPeC\dot{z} P\ddot{i}P_{\mu}C\ddagger C-PSPeP\ddot{e} C-$ $P\dot{H}PsPIC\ddagger PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...$ $C\epsilon P\gg C\dot{I}C...C-PI$	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P^{\circ}P_{\mu}P\ddot{i}P^{\circ}C, PsC, PsPeC\dot{I}P\ddot{e}C\ddagger PSC-C\dot{I}C, CH\dot{b},$ $P\dot{H}PsPIC, C\dot{I}IPSP\ddot{e}C\dot{+}C\dot{I},$ $P\ddot{i}C-PrPIP\ddot{e}C\%P_{\mu}PSPSC\dot{I}$ $P^{\circ}PeC, P\ddot{e}PIPsPsC\dot{I}C, C-$ $C, C\dot{H}P^{\circ}PSC\dot{I}P^{\circ}PjC-PSP^{\circ}P.^1$
	$P C-PrPePs$	$P_{\mu}P_{\mu}C\ddagger C-PSPePsPIP^{\circ}$ $PSP_{\mu}PrPsC\dot{I}C, P^{\circ}C, PSC-C\dot{I}C, CH\dot{b}^4. P,,$ $P\ddot{i}PsPIC-PrPsPjP\gg P_{\mu}PSPSC\dot{I} P\ddot{i}C\dot{H}Ps$ $P\gg P_{\mu}C, P^{\circ}P\gg CH\dot{b}PSC- PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP\ddot{e}.$
$P- P\pm PsPeC\dot{z} C\epsilon PeC-C\dot{H}P\ddot{e} C, P^{\circ}$ $P\ddot{i}C-PrC\epsilon PeC-C\dot{H}PSPsC-$ $PeP\gg C-C, PePsPIP\ddot{e}PSP\ddot{e}$	$P^{\circ}C\dot{r}P\dot{H}P_{\mu}$ $C\ddagger P^{\circ}C\dot{I}C, C-$	$P^{\circ}P\ddot{e}C\dot{I}P\ddot{e}P\ddot{i}$
	$P\dot{S}P^{\circ}C\dot{I}C, C-$	$P\dot{H}P\gg PsP\ddot{i}P_{\mu}C\dot{+}C-C\dot{I}, P\ddot{i}C-C\dot{H}C\dot{I}C\dot{r}C, P\ddot{e}P\cdot Pj /$ $PIC-PrPSPsPIP\gg P_{\mu}PSPSC\dot{I} C\dot{H}PsC\dot{I}C, C\dot{r}$ $PIPsP\gg PsC\dot{I}C\dot{I}C\dot{I}, C\dot{I}C\dot{r}C...C-C\dot{I}C, CH\dot{b}$ $C\epsilon PeC-C\dot{H}P\ddot{e}^3, C\dot{I}PIP_{\mu}C\dot{H}P\pm C-P\dot{H}$
	$P\acute{k}P_{\mu}C\ddagger P^{\circ}C\dot{I}C, C-$	$P\ddot{x}PsC, PsC\dot{I}P_{\mu}PSC\dot{I}P\ddot{e}P\pm C-P\gg C-P\cdot P^{\circ}C\dot{+}C-C\dot{I}$

$P - P \pm PsPeCz PSP\ddot{e}C\tilde{H}PsPe C, P^{\circ}$ $C\tilde{I}P_{\mu}C\ddot{+}PsPIP\ddot{e}PrC - P \gg CH\dot{P}SPsC -$ $C\tilde{I}P\ddot{e}C\tilde{I}C, P_{\mu}PjP\ddot{e}$	$P\dot{S}P^{\circ}C\tilde{I}C, C -$	$P^{\circ}P_{\mu}PjP^{\circ}C, C\tilde{I}C\tilde{H}C - C\tilde{I}$
$P - P \pm PsPeCz$ $C\tilde{H}P_{\mu}P\ddot{i}C\tilde{H}PsPrCzPeC, P\ddot{e}PIPSPsC -$ $C\tilde{I}P\ddot{e}C\tilde{I}C, P_{\mu}PjP\ddot{e} C, P^{\circ}$ $PjPsP \gg PsC\ddot{+}PSP\ddot{e}C... P \cdot P^{\circ}P \gg PsP \cdot$	$P^{\circ}C\tilde{I}P\tilde{I}P_{\mu}$ $C\ddot{+}P^{\circ}C\tilde{I}C, C -$	$P^{\circ}C - PSP_{\mu}PePsPjP^{\circ}C\tilde{I}C, C - C\tilde{I} C, P^{\circ}$ $P \pm PsP \gg C\tilde{H}C\ddot{+}C - C\tilde{I}C, CH PjPsP \gg PsC\ddot{+}PSP\ddot{e}C... P \cdot P^{\circ}P \gg PsP \cdot^2$
	$P\dot{S}P^{\circ}C\tilde{I}C, C -$	$P \cdot C\tilde{H}P_{\mu}PeC, P\ddot{e}P \gg CH\dot{P}SP^{\circ}$ $PrP\ddot{e}C\tilde{I}C, C\tilde{I}PSPeC\ddot{+}C - C\tilde{I}$
$P - P^{\circ}PiP^{\circ}P \gg CH\dot{P}SC -$ $PiPsC\tilde{H}CzC\epsilon P_{\mu}PSPSC\tilde{I} C, P^{\circ}$ $C\tilde{I}C, P^{\circ}PS PjC - C\tilde{I}C\ddot{+}C\tilde{I}$ $PIPIP_{\mu}PrP_{\mu}PSPSC\tilde{I}$	$P^{\circ}C\tilde{I}P\tilde{I}P_{\mu}$ $C\ddot{+}P^{\circ}C\tilde{I}C, C -$	$P\tilde{H}C\tilde{I}C, P_{\mu}PSC - C\tilde{I}$
	$P\dot{S}P^{\circ}C\tilde{I}C, C -$	$P^{\circ}C - P \gg CH C\tilde{I} PiC\tilde{H}C\tilde{I}PrC\tilde{I}C...,$ $PSP^{\circ}P \pm C\tilde{H}C\tilde{I}Pe$
$P \cdot P^{\circ}P \pm PsC\tilde{H}P^{\circ}C, PsC\tilde{H}PSC -$ $PiPsPeP^{\circ}P \cdot PSP\ddot{e}PeP\ddot{e}$	$P\dot{S}P^{\circ}C\tilde{I}C, C -$	$P - P \pm C - P \gg CHC\epsilon P_{\mu}PSPSC\tilde{I} PjP^{\circ}C\tilde{I}P\ddot{e}$ $C, C - P \gg P^{\circ}$

¹ $P - PjC - PSP\ddot{e} P \cdot P \pm PsPeC\tilde{I} P\ddot{i}P_{\mu}C\ddot{+}C - PSPeP\ddot{e} C\tilde{H}C - PrPePs C^{\circ} C, C\tilde{I}P\tilde{I}PeP\ddot{e}PjP\ddot{e} C, P^{\circ} C\ddot{+}P^{\circ}C\tilde{I}C, Ps$
 $PjP\ddot{e}PSP^{\circ}C\tilde{H}C, CH P^{\circ}P \pm Ps C\tilde{I}P \gg P^{\circ}P \pm C\epsilon P^{\circ}C\tilde{H}C, CH P\ddot{i}C\tilde{H}P\ddot{e} P\ddot{i}C\tilde{H}PsPrPsPIP\tilde{I}P_{\mu}PSPSC -$
 $P \gg C - PeC\tilde{I}PIP^{\circ}PSPSC\tilde{I} C\ddot{+}P\ddot{e} P\ddot{i}C - C\tilde{I}P \gg C\tilde{I} PnPsPiPs P\ddot{i}C\tilde{H}P\ddot{e}P\ddot{i}P\ddot{e}PSP_{\mu}PSPSC\tilde{I}.$

² $P^{\circ}C - P \gg CHC\epsilon C - C\tilde{I}C, CH P\ddot{i}P^{\circ}C\ddot{+}C - C^{\circ}PSC, C - PI, C\tilde{I}PeC - PsC, C\tilde{H}P\ddot{e}PjC\tilde{I}C\tilde{H}C, CH$
 $P \pm C - PeP^{\circ}P \gg C\tilde{I}C, P^{\circ}PjC - Pr, 150 PjPi, C\tilde{I}Pe PjPsPSPsC, P_{\mu}C\tilde{H}P^{\circ}P\ddot{i}C - C\tilde{H}, PIC - PrP \cdot PSP^{\circ}C\ddot{+}P^{\circ}C\tilde{H}C, CH$
 $PiC - PSP_{\mu}PePsPjP^{\circ}C\tilde{I}C, C - C\tilde{H} C, P^{\circ}/P^{\circ}P \pm Ps P \pm PsP \gg C\tilde{H}C\ddot{+}C - C\tilde{I}C, CH PjPsP \gg PsC\ddot{+}PSP\ddot{e}C... P \cdot P^{\circ}P \gg PsP \cdot.$
 $Pj C...PsPrC - PrPsC\tilde{I}P \gg C - PrP\tilde{I}P_{\mu}PSPSC\tilde{I} 5 \% P\ddot{i}P^{\circ}C\ddot{+}C - C^{\circ}PSC, C - PI PeP \gg P^{\circ}C\tilde{I}P\ddot{e}C, C - PeC\tilde{I}PIP^{\circ}P \gg P\ddot{e}$
 $C\ddot{+}C - C\tilde{I}P\ddot{e}PjPiC, PsPjP\ddot{e} C\tilde{I}Pe C, C\tilde{I}P\tilde{I}PeC -. P^{\circ}C - PSP_{\mu}PePsPjP^{\circ}C\tilde{I}C, C - C\tilde{I} PjPsP\tilde{I}P_{\mu} PSP_{\mu}$
 $P \cdot PSP\ddot{e}PePSC\tilde{I}C, P\ddot{e} C\tilde{I}P^{\circ}PjPsC\tilde{I}C, C - PnPsPs P\ddot{i}C - C\tilde{I}P \gg C\tilde{I} PIC - PrPjC - PSP\ddot{e} C, P_{\mu}C\tilde{H}P^{\circ}P\ddot{i}C - C -,$
 $PsC\tilde{I}PsP \pm P \gg P\ddot{e}PIPs P\ddot{i}C - C\tilde{I}P \gg C\tilde{I} C, C\tilde{H}P\ddot{e}PIP^{\circ}P \gg PsPiPs P \gg C - PeC\tilde{I}PIP^{\circ}PSPSC\tilde{I}.$

³ $P - PiC - PrPSPs P \cdot P\ddot{i}C\tilde{H}P^{\circ}PIP\ddot{e}P \gg P^{\circ}PjP\ddot{e} PePsPrC\tilde{I}PIP^{\circ}PSPSC\tilde{I}, C\%Ps$
 $PIP\ddot{e}PePsC\tilde{H}P\ddot{e}C\tilde{I}C, PsPIC\tilde{I}C\tilde{H}C, CHC\tilde{I}C\tilde{I} PI PrPsC\tilde{I}P \gg C - PrP\tilde{I}P_{\mu}PSPSC\tilde{I}C... EPC, P\ddot{i}PsP \pm C - C\ddot{+}PSP^{\circ}$
 $C\tilde{H}P_{\mu}P^{\circ}PeC\ddot{+}C - C\tilde{I} B \ll C\tilde{I}C\tilde{I}C...C - C\tilde{I}C, CH C\epsilon PeC - C\tilde{H}P\ddot{e}B \gg P \pm C\tilde{I}P \gg P^{\circ} P \cdot P^{\circ}PePsPrPsPIP^{\circ}PSP^{\circ} P\ddot{i}C - Pr$
 $COSTART C, P_{\mu}C\tilde{H}PjC - PSPsPj B \ll PIP\ddot{e}C\tilde{I}P\ddot{e}PiB \gg. P\ddot{y}PsPjC\tilde{I} PsPeC\tilde{H}P_{\mu}PjP^{\circ} C\ddot{+}P^{\circ}C\tilde{I}C, PsC, P^{\circ} C - C -$
 $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\tilde{I} PSP_{\mu} PjPsP\tilde{I}P_{\mu} P \pm C\tilde{I}C, P\ddot{e} PIP\ddot{e}P \cdot PSP^{\circ}C\ddot{+}P_{\mu}PSP^{\circ} PrP \gg C\tilde{I}$
 $P \pm C - PeP^{\circ}P \gg C\tilde{I}C, P^{\circ}PjC - PrC\tilde{I}, 150 PjPi, PsPrPSP^{\circ}Pe P\ddot{i}P_{\mu}C\tilde{H}P_{\mu}PrP \pm P^{\circ}C\ddot{+}P^{\circ}C^{\circ}C, CHC\tilde{I}C\tilde{I} C, P^{\circ}PeP^{\circ}$
 $P\tilde{I} C\ddot{+}P^{\circ}C\tilde{I}C, PsC, P^{\circ}, C\tilde{I}Pe PrP \gg C\tilde{I} 50 PjPi P \gg C - PeP^{\circ}C\tilde{H}C\tilde{I}CHPePsPiPs P \cdot P^{\circ}C\tilde{I}PsP \pm C\tilde{I}.$

⁴ $P^{\circ}PeP \gg C\tilde{H}C\ddot{+}P_{\mu}PSP^{\circ} C\tilde{I} P\ddot{i}P_{\mu}C\tilde{H}P_{\mu}P \gg C - Pe P\ddot{i}PsP \pm C - C\ddot{+}PSP\ddot{e}C... C\tilde{H}P_{\mu}P^{\circ}PeC\ddot{+}C - Pn P\ddot{i}C - C\tilde{I}P \gg C\tilde{I}$
 $PsC, C\tilde{H}P\ddot{e}PjP^{\circ}PSPSC\tilde{I} P\ddot{i}PsC\tilde{I}C, PjP^{\circ}C\tilde{H}PeP_{\mu}C, P\ddot{e}PSPiPsPIP\ddot{e}C... PrP^{\circ}PSP\ddot{e}C....$
 $P\dot{S}P^{\circ}C\tilde{I}C, PsC, P^{\circ} P \pm C\tilde{I}P \gg P^{\circ} PIP\ddot{e}P \cdot PSP^{\circ}C\ddot{+}P_{\mu}PSP^{\circ} P \cdot P^{\circ} C\ddot{+}P^{\circ}C\tilde{I}C, PsC, PsC\tilde{H}$
 $P\ddot{i}PsPIC - PrPsPjP \gg P_{\mu}PSC\tilde{H} P\ddot{i}C\tilde{H}Ps PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP\ddot{e} C\tilde{I}C\tilde{H}P^{\circ}P\tilde{I}P_{\mu}PSPSC\tilde{I} P\ddot{i}P_{\mu}C\ddot{+}C - PSPeP\ddot{e} C\tilde{I}$
 $P\ddot{i}P^{\circ}C\ddot{+}C - C^{\circ}PSC, C - PI, C\%Ps PsC, C\tilde{H}P\ddot{e}PjC\tilde{I}PIP^{\circ}P \gg P\ddot{e} P \pm C - PeP^{\circ}P \gg C\tilde{I}C, P^{\circ}PjC - Pr C\tilde{I} PrPsP \cdot C - 150$
 $PjPi C\tilde{I} P\ddot{i}C\tilde{H}C\tilde{I}P\ddot{i}C - PIC - PrPeC\tilde{H}P\ddot{e}C, PsPiPs P \gg C - PeC\tilde{I}PIP^{\circ}PSPSC\tilde{I} C\tilde{I}$
 $PrPsC\tilde{I}P \gg C - PrP\tilde{I}P_{\mu}PSPSC\tilde{I}C... Early Prostate Cancer programme (P \cdot P P\ddot{y}).$

⁵ $P^{\circ}PeP \gg C\tilde{H}C\ddot{+}P_{\mu}PSP^{\circ} C\tilde{I} P\ddot{i}P_{\mu}C\tilde{H}P_{\mu}P \gg C - Pe P\ddot{i}PsP \pm C - C\ddot{+}PSP\ddot{e}C... C\tilde{H}P_{\mu}P^{\circ}PeC\ddot{+}C - Pn P\ddot{i}C - C\tilde{I}P \gg C\tilde{I}$
 $PsC, C\tilde{H}P\ddot{e}PjP^{\circ}PSPSC\tilde{I} P\ddot{i}PsC\tilde{I}C, PjP^{\circ}C\tilde{H}PeP_{\mu}C, P\ddot{e}PSPiPsPIP\ddot{e}C... PrP^{\circ}PSP\ddot{e}C....$
 $P\dot{S}P^{\circ}C\tilde{I}C, PsC, P^{\circ} P \pm C\tilde{I}P \gg P^{\circ} PIP\ddot{e}P \cdot PSP^{\circ}C\ddot{+}P_{\mu}PSP^{\circ} P \cdot P^{\circ} C\ddot{+}P^{\circ}C\tilde{I}C, PsC, PsC\tilde{H}$
 $P\ddot{i}PsPIC - PrPsPjP \gg P_{\mu}PSC\tilde{H} P\ddot{i}C\tilde{H}Ps PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP\ddot{e} C - PSC, P_{\mu}C\tilde{H}C\tilde{I}C, P\ddot{e}C\ddot{+}C - P^{\circ}P \gg CH\dot{P}SPsC -$
 $P\ddot{i}PSP_{\mu}PIPjPsPSC - C - C\tilde{I} P\ddot{i}P_{\mu}C\tilde{H}C - PsPr C\tilde{H}P^{\circ}PSPPrPsPjC - P \cdot PsPIP^{\circ}PSPsPiPs P \gg C - PeC\tilde{I}PIP^{\circ}PSPSC\tilde{I}$
 $P \pm C - PeP^{\circ}P \gg C\tilde{I}C, P^{\circ}PjC - PrPsPj, 150 PjPi, C\tilde{I} PrPsC\tilde{I}P \gg C - PrP\tilde{I}P_{\mu}PSPSC\tilde{I}C... EPC.$

P—P±C-P»CHC€PμPSPSCЦ PμP§/PμPкP'. PJ P·PIC-C,P°C... PïCђPsC,CЦPiPsPj
PïC-СГР»CЦCђPμC"СГC,CђP°C†C-PN₂PSPsPiPs СГPiPsСГC,PμCђPμP¶PμPSPSCЦ
PïPsPIC-PrPsPjP»CЦP»Pë PïCђPs PIP·P°C"PjPsPrC-Сђ PeСrPjP°CђPëPSPsPIPëC...
P°PSC,PëPePsP°PiСrP»CЦPSC,C-PI C-P· P±C-PeP°P»СrC,P°PjC-PrPsPj.

PμPsPIC-PrPsPjP»PμPSPSCЦ PïCђPs PïC-PrPsP·CђCђPIP°PSC- PïPsP±C-C±PSC-
CђPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCЦ PïCђPs PïPsP±C-C±PSC- CђPμP°PeC†C-C— PïC-СГР»CЦ
CђPμC"СГC,CђP°C†C-C— P»C-PeP°CђСГCђPePsPiPs P·P°СГPsP±Сr PjP°C" PIP°P¶P»PëPIPμ
P·PSP°C±PμPSPSCЦ. P|Pμ PrP°C" P·PjPsPiСr PïCђPsPIPsPrPëC,Pë PjPsPSC-C,PсCђPëPSPi
СГPiC-PIPIC-PrPSPsC€PμPSPSCЦ PePsCђPëСГC,Сђ/CђPëP·PëPe PïCђPë
P·P°СГC,PсСГCrPIP°PSPSC- C†CђPsPiPs P»C-PeP°CђСГCђPePsPiPs P·P°СГPsP±Сr.
PμPμPrPëC±PSPëPj C,P° C„P°CђPjP°C†PμPIC,PëC±PSPëPj PïCђP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PïP°C†C-C"PSC,P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPëPj
PïCђPμPrСГC,P°PIPSPëPeP°Pj СГР»C-Pr PïPsPIC-PrPsPjP»CЦC,Pë PïCђPs СrСГC-
PIPëPiP°PrPePë PïC-PrPsP·CђCђPIP°PSPëC... PïPsP±C-C±PSPëC... CђPμP°PeC†C-PN₂ C,P°
PIC-PrСГCrC,PSPsСГC,C- PμC„PμPeC,PëPIPSPsСГC,C- P»C-PeP°CђСГCђPePsPiPs P·P°СГPsP±Сr
C±PμCђPμP· PђPIC,PсPjP°C,PëP·PsPIP°PSCr C-PSC„PсCђPjP°C†C-PN₂PSCr СГPëСГC,PμPjCr P·
C„P°CђPjP°PePsPSP°PiP»CЦPrСr P·P° PïPsСГPëP»P°PSPSCЦPj: <https://aisf.dec.gov.ua>

РђPμCђPjC-PS PïCђPëPrP°C,PSPsСГC,C-. 5 CђPsPeC-PI.

PJPjPsPIPë P·P±PμCђC-PiP°PSPSCЦ

PкPμ PïPsC,CђPμP±СrC" PsСГPsP±P»PëPIPëC... СrPjPsPI P·P±PμCђC-PiP°PSPSCЦ.
P—P±PμCђC-PiP°C,Pë Сr PSPμPrPsСГC,СrPiPSPsPjCr PrP»CЦ PrC-C,PμPN₂ PjC-СГC†C-.

**PJPïP°PePsPIPëP°. PμPs 10 C,P°P±P»PμC,PсPe Сr P±P»C-СГC,PμCђC-; PïPs 3
P±P»C-СГC,PμCђPë PI PeP°CђC,PсPSPSC-PN₂ PePsCђPsP±C†C-.**

PμP°C,PμPiPsCђC-CЦ PIC-PrPïCrСГPeСr. P—P° CђPμC†PμPïC,PсPj.

P'PëCђPsP±PSPëPe

PђC-PSC,PсPS PГC-СГPïP°PSC-CЦ, Pђ. P».

**PμC-СГC†PμP·PSP°C...PsPrP¶PμPSPSCЦ PIPëCђPsP±PSPëPeP° C,P° P°PrCђPμСГP°
PjC-СГC†CЦ PïCђPsPIP°PrP¶PμPSPSCЦ PN₂PsPiPs PrC-CЦP»CђPSPsСГC,C-**

Р'СѓР». РЉ/РЉР°СЃС,РµР»Р»Рѕ, н°1, РЎР°РѕС, Р'РѕС- Р'Рµ Р»Р»Р»РѕР±СРµРµР°Р°Р°Р°,
Р'Р°СЃСРµР»Р»РѕРѕР°, 08830, Р'СЃРµР°Р°Р°Р°Р°С-СЃ.