

Р†РќРŸРŸР РЈРљР|Р†РЇ

Р†Р»СІ РјРµР†РёС†РѕРѕРѕРѕ Р·Р°С†С, РѕС†С†РІРІР°РѕРѕРѕСІ Р»С-РёР°С†С†СЃРёРѕРѕ
Р·Р°С†РѕРѕС†

Р’Р†РŸР·РµРŸРћР®^{В®}
(BISEPTOL^{В®})

РŸРёР»Р°Р’:

Р†С-С†С†С- С†РµС†РѕРѕРІРёРѕРѕ: С†С†Р»С„РµС†Р°РµС†Р°Р°Р°Р°,
С,С†РёРёРµРµС, РѕРёС†РёРёРё (co-trimoxazole);

1 С,Р°Р±Р»С,РёР° 100 РјРІ/20 РјРІ РјС-С†С,РёС,СЃ С†С†Р»С„РµС†Р°РµС†Р°Р°Р°Р°С†
100 РјРІ, С,С†РёРёРµРµС, РѕРёС†РёРёРёС† 20 РјРІ;

1 С,Р°Р±Р»С,РёР° 400 РјРІ/80 РјРІ РјС-С†С,РёС,СЃ С†С†Р»С„РµС†Р°РµС†Р°Р°Р°Р°С†
400 РјРІ, С,С†РёРёРµРµС, РѕРёС†РёРёРёС† 80 РјРІ;

Р†РѕРіРѕРјРјС-Р¶РѕС- С†РµС†Р°РµС†Р°Р°Р°Р°: РёС†РѕС...РјР°СЃ РёР°С†С, РѕРіР»С†РѕРѕРѕР°,
С,Р°СЃРёРёРё, РјР°РіРѕС-С†С, РµР°С†Р°С, С†РёРёРёС†С, РіРѕР»С-РІС-Р»РѕРіРіРёРіРі.

Р»С-РёР°С†С†СЃРёР° С„РѕС†РјР°Р°. РŸР°Р±Р»С,РёРё.

РћС†РѕРѕРІС- С„С-РёРёРёС-С...С-РјС-С†РѕС- РІР»Р°С†С,РёРІС†С,С-:

С,Р°Р±Р»С,РёРё 100 РјРІ/20 РјРІ в” С,Р°Р±Р»С,РёРё Р±С-Р»РѕРіРі РёРѕР»С†С†С†С† Р·
Р¶РѕРІС,С†РІР°С,РёРј РІС-Р†С,С-РѕРёРѕРј, РёС†С†РіРіР»Р»Р»С— С„РѕС†РјРёРё, РіР»Р»Р»С†РёС- Р·
РѕР±РѕС... Р±РѕРёС-РІ, Р· С„Р°С†РёРёС†С, Р· РѕРіРѕРѕРѕ Р±РѕРёС† РіС†Р°РІС-С†РѕРІР°Р°С-
Р»С-С,РµС†Р°РµРё В«В»;

С,Р°Р±Р»С,РёРё 400 РјРІ/80 РјРІ в” С,Р°Р±Р»С,РёРё Р±С-Р»РѕРіРі РёРѕР»С†С†С†С† Р·
Р¶РѕРІС,С†РІР°С,РёРм РІС-Р†С,С-РѕРёРѕРм, РёС†С†РіРіР»Р»Р»С— С„РѕС†РјРіРі, РіР»Р»Р»С†РёС- Р·
РѕР±РѕС... Р±РѕРёС-РІ, Р· С„Р°С†РёРёС†С, Р· РѕРіРѕРѕРѕ Р±РѕРёС† РіС†Р°РІС-С†РѕРІР°Р°С-
С†РёС†РёРёС†С В«В», РѕР�Р°РІ СІРёРёС†С Р·РѕР°С...РѕРІСІС,СЃС†С†С Р»С-С,РµС†РёРё В«В».

**Р°Р°С†РјРјРёРёС,РµС†Р°РіРіРіРІС,РёС†РѕР° РіС†С†РіРіР°. РµС†РѕС,РёРјС-РёС†РѕР±РѕС-
Р·Р°С†РѕРѕС† Р†Р»С†С†С,РµРјРѕРѕРѕ Р·Р°С†С,РѕС†С†РІРІР°РѕРѕРѕСІ.**

РљРѕРІ РћРŸРІ J01E E01.

PαP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

PḡPsPjP±C-PSPsPIP°PSPëPNḡ P±P°PeC,PμCḡPëC†PëPrPSPëPNḡ P»C-PeP°CḡCÍCHPePëPNḡ
P·P°CÍC-P±, CḡPePëPNḡ PjC-CÍC,PëC,CH CÍC†P»CHC,,P°PjPμC,PsPeCÍP°P·PsP» вḡ“
CÍC†P»CHC,,P°PSC-P»P°PjC-Pr C-P· CÍPμCḡPμPrPSCḡPsCḡ C,CḡPëPIP°P»C-CÍC,CH PrC-C—,
C%Ps C-PSPiC-P±C†C” CÍPëPSC,PμP· C,,PsP»C-C”PIPsC— PePëCÍP»PsC,Pë C€P»CḡC...PsPj
PePsPSPeC†CḡPμPSC,PSPsPiPs P°PSC,P°PiPsPSC-P·PjC† P·
PİP°CḡP°P°PjC-PSPsP±PμPSP·PsPNḡPSPsCḡ PePëCÍP»PsC,PsCḡ, C- C,CḡPëPjPμC,PsPİCḡPëPj вḡ“
C-PSPiC-P±C-C,PsCḡ P±P°PeC,PμCḡC-P°P»CHPSPsC— CḡPμPrC†PeC,P°P·Pë
PrPμPiC-PrCḡPsC,,PsP»C-C”PIPsC— PePëCÍP»PsC,Pë, C%Ps PIC-PrPİPsPIC-PrP°C” P·P°
CÍPëPSC,PμP· P±C-PsP»PsPiC-C‡PSPs P°PeC,PëPIPsPSC—
C,PμC,CḡP°PiC-PrCḡPsC,,PsP»C-C”PIPsC— PePëCÍP»PsC,Pë. PŸC†PjC-C€ C†PëC...
CḡPμC‡PsPIPëPS C† CÍPİC-PIPIC-PrPSPsC€PμPSPSC- 5 PrPs 1 PSP°P·PëPIP°C”C,CHCÍCḡ PePs-
C,CḡPëPjPsPeCÍP°P·PsP»PsPj.

PŸPİPsP»C†C‡PμPSPSCḡ PePsPjPİPsPSPμPSC,C-PI, C%Ps PrC-C” PSP° PsPrPëPS P»P°PSC†CḡPi
P±C-PsC...C-PjC-C‡PSPëC... PİPμCḡPμC,PIPsCḡPμPSCḡ, CÍPİCḡPëCḡC” CÍPëPSPμCḡPiC-P·PjC†
PİCḡPsC,PëP±P°PeC,PμCḡC-P°P»CHPSPsC— PrC-C— C- PİPsPIC-P»CHPSC-C€PsPjC†
CḡPsP·PIPëC,PeC† PSPμC‡C†C,P»PëPIPsCÍC,C- P±P°PeC,PμCḡC-PNḡ.

PḡPs-C,CḡPëPjPsPeCÍP°P·PsP» P°PeC,PëPIPsPëPNḡ *in vitro* PİCḡPsC,Pë *E.coli* (C† C,PsPjC†
C‡PëCÍP»C- PμPSC,PμCḡPsPİP°C,PsPİPμPSPSPëC... C€C,P°PjC-PI),
C-PSPrPsP»PsPİPsP·PëC,PëPIPsPëC... C€C,P°PjC-PI *Proteus spp.* (C† C,PsPjC† C‡PëCÍP»C-
P.vulgaris), *Morganella morganii*, *Klebsiella spp.*, *Proteus mirabilis*, *Enterobacter sp.*, *Hemophilus*
influenzae, *Str.pneumoniae*, *Shigella flexneri*, *Shigella sonnei*, *Neisseria gonorrhoeae*, *Pneumocystis*
jirovecii.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PḡP±PëPrPIP° PePsPjPİPsPSPμPSC,Pë P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±C† C€PIPëPrPePs
PICÍPjPsPeC,C†CḡC,CHCÍCḡ C† PeCḡPsPI P· C,CḡP°PIPsPSPsPiPs C,CḡP°PeC,C†.
PḡP°PeCÍPëPjP°P»CHPSP° PePsPSC†PμPSC,CḡP°C†C-Cḡ PsP±PsC... CÍPeP»P°PrPsPIPëC... C†
CÍPëCḡPsPIP°C,C†C- PrPsCÍCḡPiP°C”C,CHCÍCḡ C‡PμCḡPμP· 1- 4 PiPsPrPëPSPë PİC-CÍP»Cḡ
PİPμCḡPsCḡP°P»CHPSPsPiPs PİCḡPëPNḡPsPjC†. PŸCḡPëPjPμC,PsPİCḡPëPj
P·PIвḡ™ CḡP·C†C”C,CHCÍCḡ P· P±C-P»PeP°PjPë CÍPëCḡPsPIP°C,PePë PSP° 70 %,
CÍC†P»CHC,,P°PjPμC,PsPeCÍP°P·PsP» вḡ“ PSP° 44B-B 62 %.

P PsP·PİPsPrC-P» PsP±PsC... PePsPjPİPsPSPμPSC,C-PI PIC-PrCḡC-P·PSCḡC”C,CHCÍCḡ:
CÍC†P»CHC,,P°PjPμC,PsPeCÍP°P·PsP» CḡPsP·PİPsPrC-P»CḡC”C,CHCÍCḡ PIPëPeP»CḡC‡PSPs PI
PİPsP·P°PeP»C-C,PëPSPSPsPjC† CÍPμCḡPμPrPsPIPëC%C-, C,CḡPëPjPμC,PsPİCḡPëPj вḡ“ PI
C†CÍC-C... CḡC-PrPëPSP°C... PsCḡPiP°PSC-P·PjC†.

P·PëCÍPsPeP° PePsPSC†PμPSC,CḡP°C†C-Cḡ C,CḡPëPjPμC,PsPİCḡPëPjC†
PIPëP·PSP°C‡P°C”C,CHCÍCḡ C† CÍPμPeCḡPμC,C- P±CḡPsPSC...C-P°P»CHPSPëC... P·P°P»PsP·,
PİPμCḡPμPrPjC-C...C†CḡPsPIC-PNḡ P·P°P»PsP·C- C,P° PI P¶PsPIC‡C-.
PḡPsPSC†PμPSC,CḡP°C†C-Cḡ CÍC†P»CHC,,P°PjPμC,PsPeCÍP°P·PsP»C† C† CḡC-PrPëPSP°C...
PsCḡPiP°PSC-P·PjC† PrPμC%Ps PSPëP¶C‡P°. PḡP±PëPrPIC- CÍPİPsP»C†PePë C†
PIPëCÍPsPePëC... PePsPSC†PμPSC,CḡP°C†C-CḡC... P·вḡ™ CḡPIP»CḡCḡC,CHCÍCḡ C†

PjPsPeCḡPsC, PēPSPSC-, PIPēPrC-P»PμPSPSCḡC... PīC-C...PIPē C, P° PI CḡC-PrPēPSC-
CḡPμCḡPμPrPSCḡPsPiPs PICrC...P°.

PhP±Bḡ™ C”Pj CḡPsP·PīPsPrC-P»Cr CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr
CḡC, P°PSPsPIPēC, CH 0,36 P»/PePi, C, CḡPēPjPμC, PsPiCḡPēPjCr Bḡ” 2,0 P»/PePi.

PhP±PēPrPIP° PePsPjPīPsPSPμPSC, Pē PjPμC, P°P±PsP»C-P·CrCHC, CHCḡCḡ Cr PīPμC±C-PSC†C-:
CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP» Bḡ” CēP»CḡC...PsPj P°C†PμC, PēP»CHPIP°PSPSCḡ C-
P·PiBḡ™ CḡP·CrPIP°PSPSCḡ P·PiP»CHPeCrCḡPsPSPsPIPsCH PePēCḡP»PsC, PsCH,
C, CḡPēPjPμC, PsPiCḡPēPj Bḡ” CēP»CḡC...PsPj PsPePēCḡP»PμPSPSCḡ C, P°
PiC-PrCḡPsPeCḡPēP»CHPIP°PSPSCḡ.

P’PēPIPsPrPēC, CHCḡCḡ PI PsCḡPSPsPIPsPjCr PSPēCḡPeP°PjPē CēP»CḡC...PsPj
C,, C-P»CHC, CḡCrPIP°PSPSCḡ C, P° P°PeC, PēPIPsPsC— PeP°PSP°P»CHC†PμPIPsC—
CḡPμPeCḡPμC†C-C—.

PḡPsPSC†PμPSC, CḡP°C†C-Cḡ P°PeC, PēPIPsPēC... CḡPīPsP»CrPe Cr CḡPμC±C- P·PSP°C±PSPs
PIPēC%P°, PSC-Pḡ Cr PeCḡPsPIC-. PμCḡPsC, CḡPiPsPj 72 PiPsPrPēPS C-P· CḡPμC±PμCH
PIPēPIPsPrPēC, CHCḡCḡ 84,5 % PīCḡPēPNḡPSCḡC, PsC— PrPsP·Pē
CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr C- 66,8 % Bḡ” C, CḡPēPjPμC, PsPiCḡPēPjCr.

PμPμCḡC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ CḡC, P°PSPsPIPēC, CH 10 PiPsPrPēPS PrP»Cḡ
CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr C- 8B- 10 PiPsPrPēPS Bḡ” PrP»Cḡ
C, CḡPēPjPμC, PsPiCḡPēPjCr. Pj CḡP°P·C- PSPēCḡPePsPIPsC— PSPμPrPsCḡC, P°C, PSPsCḡC, C-
PīPμCḡC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ PsP±PsC... PePsPjPīPsPSPμPSC, C-PI
PīPsPrPsPIPḡCrC”C, CHCḡCḡ.

PŸCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP» C- C, CḡPēPjPμC, PsPiCḡPēPj PīCḡPsPSPēPeP°CHC, CH Cr
PiCḡCrPrPSPμ PjPsP»PsPePs C, P° PSP°PrC...PsPrCḡC, CH PrPs PeCḡPsPIPsPsP±C-PiCr
PīP»PsPrP°.

P”C-C, Pē C- PīC-PrP»C-C, PePē B

PαP°CḡPjP°PePsPeC-PSPμC, PēPeP° PsP±PsC... PePsPjPīPsPSPμPSC, C-PI
P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cr P’C-CḡPμPīC, PsP»B® (C, CḡPēPjPμC, PsPiCḡPēPjCr i
CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr) Cr PrC-C, PμPNḡ C, P° PīC-PrP»C-C, PeC-PI P·
PSPsCḡPjP°P»CHPSPsCH C,, CrPSPeC†C-C”CH PSPēCḡPsPe P·P°P»PμPḡPēC, CH PIC-Pr PIC-PeCr.
P’C-PrP·PSP°C†P°P»PsCḡCḡ P·PSPēPḡPμPSPSCḡ CēPIPēPrPePsCḡC, C- PIPēPIPμPrPμPSPSCḡ
C, CḡPēPjPμC, PsPiCḡPēPjCr i CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr Cr PrC-C, PμPNḡ
PīPμCḡCēPēC... PrPIPsC... PjC-CḡCḡC†C-PI PḡPēC, C, Cḡ, PīCḡPsC, Pμ PīPsC, C-Pj
CēPIPēPrPeC-CḡC, CH PIPēPIPμPrPμPSPSCḡ C- P·P°PiP°P»CHPSPēPNḡ PeP»C-CḡPμPSCḡ CḡPe
C, CḡPēPjPμC, PsPiCḡPēPjCr, C, P°Pe C- CḡCrP»CHC,, P°PjPμC, PsPeCḡP°P·PsP»Cr
PīC-PrPIPēC%CrC”C, CHCḡCḡ, P° PīPμCḡC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ
P·PSPēPḡCrC”C, CHCḡCḡ. PŸP°PeC- P·PjC-PSPē C,, P°CḡPjP°PePsPeC-PSPμC, PēPePē
PSP°PNḡP±C-P»CHCē PIPēCḡP°PḡPμPSC- Cr PrC-C, PμPNḡ PIC-PePsPj PIC-Pr 1,7 PrPs 24
PjC-CḡCḡC†C-PI C- P·PjPμPSCēCrCHC, CHCḡCḡ P·PIC-PePsPj, CḡPeC%Ps
PīPsCḡC-PIPsCHPIP°C, Pē PrC-C, PμPNḡ PjPsP»PsPrCēPsPiPs PIC-PeCr (PIC-Pr 1 PrPs 3,6
CḡPsPeCr), PrC-C, PμPNḡ PIC-PePsPj PIC-Pr 7,5 PrPs 10 CḡPsPeC-PI C, P° PrPsCḡPsCḡP»PēC...
(PrPēPI. CḡPsP·PrC-P» B<PŸPīPsCḡC-P± P·P°CḡC, PsCḡCrPIP°PSPSCḡ C- PrPsP·PēB»).

PḡP»C-PSC-C±PSC- C...P°CḡP°PeC, PμCḡPēCḡC, PēPePē.

$P-P^{\circ}C\dot{I}C, PsC\dot{I}PsPICrPIP^{\circ}C, P\ddot{e} PrP \gg C\dot{I} P \gg C-PeC\dot{r}PIP^{\circ}PSPSC\dot{I} C-PSC,, P\mu PeC\dot{+}C-PN\ddot{e},$
 $C\dot{I}P\ddot{i}C\dot{H}P\ddot{e}C\dot{+}P\ddot{e}PSP\mu PSP\ddot{e}C... C\dot{+}C\dot{r}C, P \gg P\ddot{e}PIP\ddot{e}PjP\ddot{e} PrPs P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CHPePsPiPs P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$
 $PiP^{\circ}C, PsPiP\mu PSPSP\ddot{e}PjP\ddot{e} PjC-PeC\dot{H}PsPsC\dot{H}PiP^{\circ}PSC-P \cdot PjP^{\circ}PjP\ddot{e}, C\dot{r} C\dot{H}P^{\circ}P \cdot C- PePsP \gg P\ddot{e}$
 $PiP\mu C\dot{H}P\mu PIP^{\circ}PiP^{\circ} PIC-Pr C, P^{\circ}PePsPiPs P \gg C-PeC\dot{r}PIP^{\circ}PSPSC\dot{I} PiP\mu C\dot{H}P\mu PIP\ddot{e}C\%C\dot{r}C''$
 $PjPsP\dot{I}P \gg P\ddot{e}PIP\ddot{e}PN\ddot{e} C\dot{H}P\ddot{e}P \cdot P\ddot{e}Pe; PSP\mu PsP \pm C... C-PrPSPs PIP\ddot{e}C\dot{H}C-C\epsilon P\ddot{e}C, P\ddot{e} PiP\ddot{e}C, P^{\circ}PSPSC\dot{I}$
 $PiC\dot{H}Ps PjPsP\dot{I}P \gg P\ddot{e}PIC-C\dot{I}C, CH P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I} P \gg P\ddot{e}C\epsilon P\mu PsPrPSPsPiPs$
 $P^{\circ}PSC, P\ddot{e}P \pm P^{\circ}PeC, P\mu C\dot{H}C-P^{\circ}P \gg CHPePSPsPiPs P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}. P\mu C\dot{H}P\ddot{e}PN\ddot{e}PjP^{\circ}C\dot{H}C\dot{+}P\ddot{e}$
 $C\dot{H}C-C\epsilon P\mu PSPSC\dot{I} PiC\dot{H}Ps PiC\dot{H}P\ddot{e}P \cdot PSP^{\circ}C\dot{+}P\mu PSPSC\dot{I} P \gg C-PeP^{\circ}C\dot{H}C\dot{I}CHPePsPiPs P \cdot P^{\circ}C\dot{I}PsP \pm C\dot{r}$
 $P^{\circ}C-C\dot{I}P\mu PiC, PsP \gg B\textcircled{R}, PSP\mu PsP \pm C... C-PrPSPs PIC\dot{H}P^{\circ}C... C\dot{r}PIP^{\circ}C, P\ddot{e} PsC,, C-C\dot{+}C-PN\ddot{e}PSC-$
 $C\dot{H}P\mu PePsPjP\mu PSPPrP^{\circ}C\dot{+}C-C- C\%PsPrPs PIC-PrPiPsPIC-PrPSPsPiPs P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}$
 $P^{\circ}PSC, P\ddot{e}P \pm P^{\circ}PeC, P\mu C\dot{H}C-P^{\circ}P \gg CHPePSP\ddot{e}C... P \cdot P^{\circ}C\dot{I}PsP \pm C-PI.$

[illegible]
$$P\uparrow PSC,,P\mu PeC\uparrow C-C- PSp\ddot{e}C\overline{H}PsPe C- C\overline{I}P\mu C\uparrow PsPIP\ddot{e}PIC-PrPSP\ddot{e}C... C\overline{e}P\gg C\overline{I}C...C-PI:$$

$$PiPsC\overline{I}C,C\overline{H}P\ddot{e}PN_{\mathbb{N}} C- C...C\overline{H}PsPSC-C\uparrow PSp\ddot{e}PN_{\mathbb{N}} C\uparrow P\ddot{e}C\overline{I}C,P\ddot{e}C,, PiC-C''P\gg PsPSP\mu C,,C\overline{H}P\ddot{e}C,,$$

$$C\overline{r}C\overline{H}P\mu C,C\overline{H}P\ddot{e}C,, PiC\overline{H}PsC\overline{I}C,P^{\circ}C,P\ddot{e}C,, PjB\overline{H}^{\text{TM}}C\overline{I}PeP\ddot{e}PN_{\mathbb{N}} C\overline{e}P^{\circ}PSPeC\overline{H}.$$

$P\ddot{t}PSC,,P\mu PeC\ddot{t}C-C- C,C\ddot{t}P^{\circ}PIPSPsPiPs C,C\ddot{t}P^{\circ}PeC,C\acute{z}: C\ddot{t}P\mu C\ddot{t}P\mu PIPSP\ddot{e}PN_{\infty} C,P\ddot{e}C,, C- \\ PiP^{\circ}C\ddot{t}P^{\circ}C,P\ddot{e}C,,, C\ddot{e}P\ddot{e}PiP\mu P\rangle CH\ddot{b}PsP\cdot P\ddot{e} (C\ddot{t}PiC\ddot{t}P\ddot{e}C\ddot{t}P\ddot{e}PSP\mu PSC- C\ddot{t}C\ddot{r}C,P\rangle P\ddot{e}PIP\ddot{e}PjP\ddot{e} \\ C\ddot{e}C,P^{\circ}PjP^{\circ}PjP\ddot{e} Shigella flexneri C- Shigella sonnei, C\ddot{t}PeC\%_{\infty}Ps PiPsPeP^{\circ}P\cdot P^{\circ}PSP^{\circ} \\ P^{\circ}PSC,P\ddot{e}P\pm P^{\circ}PeC,P\mu C\ddot{t}C-P^{\circ}P\rangle CH\ddot{b}PSP^{\circ} C,P\mu C\ddot{t}P^{\circ}PiC-C\ddot{t}), PrC-P^{\circ}C\ddot{t}P\mu C\ddot{t} \\ PjP^{\circ}PSPPrC\ddot{t}C-PIPSP\ddot{e}PeP^{\circ}, C\ddot{t}PiC\ddot{t}P\ddot{e}C\ddot{t}P\ddot{e}PSP\mu PSP^{\circ} P\mu PSC,P\mu C\ddot{t}PsC,PsPeC\ddot{t}P\ddot{e}C\ddot{t}PSP\ddot{e}PjP\ddot{e} \\ C\ddot{e}C,P^{\circ}PjP^{\circ}PjP\ddot{e} Escherichia coli, C...PsP\rangle P\mu C\ddot{t}P^{\circ} (PI PrPsPiPsPIPSP\mu PSPSC\ddot{t} PrPs \\ PIC-PrPSPsPIP\rangle P\mu PSPSC\ddot{t} C\ddot{t}C-PrP\ddot{e}PSP\ddot{e} C- P\mu P\rangle P\mu PeC,C\ddot{t}PsP\rangle C-C,C-PI).$

$P\uparrow PSC\epsilon C- P\pm P^{\circ}PeC, P\mu C\bar{H}C-P^{\circ}P\gg CH\bar{P}SC- C-PSC,, P\mu PeC\uparrow C-C-: PiPsC\bar{I}C, C\bar{H}P\bar{e}PN_{\bar{e}} C- C... C\bar{H}PsPSC-C\pm PSP\bar{e}PN_{\bar{e}} PsC\bar{I}C, P\mu PsPjC-C''P\gg C-C,, P\pm C\bar{H}C\bar{r}C\uparrow P\mu P\gg CH\bar{P}PsP^{\circ}, PSPsPeP^{\circ}C\bar{H}PrC-PsP^{\circ}, P^{\circ}PeC, P\bar{e}PSPsPjC-PePsP^{\circ}, B C, PsPeC\bar{I}PsPiP^{\circ}\gg P^{\circ}P.PjPsP^{\circ}, PiC-PIPrP\mu PSPSPsP^{\circ}PjP\mu C\bar{H}P\bar{e}PeP^{\circ}PSC\bar{I}CH\bar{P}eP\bar{e}PN_{\bar{e}} P\pm P\gg P^{\circ}C\bar{I}C, PsPjC-PePsP^{\circ}.$

B B

B B B *PuCH₇PsC,PëPiPsPεP°P·P°PSPSCΠ.*

БҖ“ PµC-PrPIPëC%PµPSP° C‡CrfC,P»PëPIC-CrfC,CH PrPs C,CḡPëPjPµC,PsPïCḡPëPjCrf C-CrfCrfP»CHC,,P°PjPµC,PsPeCrfP°P·PsP»Crf (PIPeP»CHC‡P°CHC‡Pë CrfCrfP»CHC,,P°PSC-P»P°PjC-PrPSC- PïPsC...C-PrPSC-, PïCḡPsC,PëPrC-P°P±PµC,PëC‡PSC-P·P°CrfPsP±Pë CrfCrfP»CHC,,PsPSC-P»CrfPµC‡PsPIPëPSPë, P° C,P°PePsP¶ C,C-P°P·PëPrPSC-PrC-CrfCḡPµC,PëPePë) C,P° PrPsPïPsPjC-P¶PSPëC... CḡPµC‡PsPIPëPS P»C-PeP°CḡCrfCHPePsPïPs P·P°CrfPsP±Crf.

$$\text{Br}^{\circ}\text{P}^{\circ}\text{PsCl}^{\circ}\text{C}, \text{CH}_3\text{P}^{\circ}\text{PN}^{\circ}, \text{PiPuPiP}^{\circ}\text{C}, \text{P}^{\circ}\text{C}, \text{PiPsCH}_3\text{Cr}^{\circ}\text{C}\epsilon\text{PuPSPSCl}^{\circ}\text{C}, \text{Cr}^{\circ}\text{PSPeC}^{\circ}\text{C}-\text{C}-$$

$$\text{PiPuC}^{\circ}\text{C}-\text{PSPeP}^{\circ}, \text{C}, \text{ClIP}^{\circ}\text{PeP}^{\circ}\text{PiPuC}^{\circ}\text{C}-\text{PSPePsPIP}^{\circ}\text{PSPuPrPsCl}^{\circ}\text{C}, \text{P}^{\circ}\text{C}, \text{PSC}-\text{Cl}^{\circ}\text{C}, \text{CH}_3,$$

PIPeP»CĤC†P°CĤC†Pë PrC-P°PiPSPsCĤC,PsPIP°PSPµ CŕC€PePsPrP¶PµPSPSCĬ
PĪP°CĤPµPSC...C-PjPë PĪPµC†C-PSPePë, PĪPsCĤC,,C-CĤC-CĬ.

вĤ“ P—P°C...PIPsCĤCĤPIP°PSPSCĬ PeCĤPsPIC-, PĪPsCĤCŕC€PµPSPSCĬ PĪPµPjPsPĪPsPµP·Cŕ,
C,CĬP¶PeC- PĪPµPjP°C,PsP»PsPiC-C†PSC- PĪPsCĤCŕC€PµPSPSCĬ, PjPµPiP°P»PsP±P»P°CĤC,PSP°
P°PSPµPjC-CĬ, CĤPĪCĤPëC†PëPSPµPSP° PrPµC,,C-C†PëC,PsPj C,,PsP»C-C”PIPsC—
PePëCĤP»PsC,Pë, PrPµC,,C-C†PëC, PĪP»CĤPePsP·Ps-6-C,,PsCĤC,,P°C,PrPµPiC-PrCĤPsPiPµPSP°P·Pë
(P·P°PiCĤPsP·P° CĤPsP·PIPëC,PeCŕ PĪPµPjPsP»C-P·Cŕ);

вĤ“ PŷCĬP¶PeP° PSPëCĤPePsPIP° PSPµPrPsCĤC,P°C,PSC-CĤC,CĤ, CĬPeP°
C...P°CĤP°PeC,PµCĤPëP·CŕC”C,CĤCĤCĬ PeP»C-CĤPµPSCĤPsPj PeCĤPµP°C,PëPSC-PSCŕ
PjPµPSC€Pµ 15 PjP»/C...PI, CĬPeC%Ps PSPµPjP°C” PjPsP¶P»PëPIPsCĤC,C-
PIPëP·PSP°C†PµPSPSCĬ PePsPSC†PµPSC,CĤP°C†C-C— P»C-PeP°CĤCĤCĤPePsPiPs
P·P°CĤPsP±Cŕ PI PĪP»P°P·PjC- PeCĤPsPIC- (P·P° PIPëPSCĬC,PePsPj PIPëPĪP°PrPeC-PI
PĪCĤPsPIPµPrPµPSPSCĬ PĪPµPjPsPrC-P°P»C-P·Cŕ).

вĤ“ P>C-PeP°CĤCĤCĤPePëPµ P·P°CĤC-P± PĪCĤPsC,PëPĪPsPeP°P·P°PSPëPµ PĪP°C†C-C”PSC,P°Pj,
CĬPeC- PĪCĤPsC...PsPrCĬC,CĤ PeCŕCĤCĤ C...C-PjC-PsC,PµCĤP°PĪC-C—.

вĤ“ P>C-PeP°CĤCĤCĤPePëPµ P·P°CĤC-P± PSPµ PjPsP¶PSP° PĪCĤPëP·PSP°C†P°C,Pë Cŕ
PePsPjP±C-PSP°C†C-C— P· PrPsC,,PµC,PëP»C-PrPsPj.

B-B P”PëC,CĬC†PëPµ PIC-Pe PrPs 6 CĤPsPeC-PI (PrP»CĬ PrP°PSPsC—
P»C-PeP°CĤCĤCĤPePsC— C,,PsCĤPjPë).

***P’P·P°C”PjPsPrC-CĬ P· C-PSC€PëPjPë P»C-PeP°CĤCĤCĤPePëPjPë P·P°CĤPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNë.***

P>P°P±PsCĤP°C,PsCĤPSC- C,PµCĤC,Pë: C,CĤPëPjPµC,PsPiCĤPëPj PjPsP¶Pµ PĪPĪP»PëPSCŕC,Pë
PSP° CĤPµP·CŕP»CĤC,P°C,Pë PIPëP·PSP°C†PµPSPSCĬ PIPjC-CĤC,Cŕ PeCĤPµP°C,PëPSC-PSCŕ PI
CĤPëCĤPsPIP°C,C†C-/PĪP»P°P·PjC- PeCĤPsPIC- P·P° PrPsPiPsPjPsPiPsCĤ CĤPµP°PeC†C-C—
P»CŕP¶PSPsPiPs PĪC-PeCĤP°C,Cŕ. PĪPµ PjPsP¶Pµ PĪCĤPëP·PIPµCĤC,Pë PrPs
PĪC-PrPIPëC%PµPSPSCĬ PePsPSC†PµPSC,CĤP°C†C-C— PeCĤPµP°C,PëPSC-PSCŕ PI
CĤPëCĤPsPIP°C,C†C-/PĪP»P°P·PjC- PeCĤPsPIC- PSP° 10 %. PµP»C-CĤPµPSCĤ
PeCĤPµP°C,PëPSC-PSCŕ P·PSPëP¶CŕC”C,CĤCĤCĬ: PSPëCĤPePsPIP° PeP°PSP°P»CĤC†PµPIP°
CĤPµPeCĤPµC†C-CĬ PeCĤPµP°C,PëPSC-PSCŕ P·PSPëP¶CŕC”C,CĤCĤCĬ P· 23 % PrPs 9 %,
C,PsPrC- CĬPe PeP»CŕP±PsC†PePsPIP° C,,C-P»CĤC,CĤP°C†C-CĬ P·P°P»PëC€P°C”C,CĤCĤCĬ
PSPµP·PjC-PSPSPsCĤ.

PĶPµCĤC,PµCĤPsC—PrPSC- PĪCĤPsC,PëP·P°PĪP°P»CĤPSC- P·P°CĤPsP±Pë,
PĪCĤPsC,PëPrC-P°P±PµC,PëC†PSC- PĪPsC...C-PrPSC- CĤCŕP»CĤC,,PsPSC-P»CĤPµC†PsPIPëPSPë,
PrPëC,,PµPSC-PS,

PSPµPĪCĤCĬPjC- P°PSC,PëPePsP°PiCŕP»CĬPSC,Pë, P±P°CĤP±C-C,CŕCĤP°C,Pë
P·P±C-P»CĤC€CŕCĤC,CĤ CĤPëP·PëPe PIPëPSPëPePSPµPSPSCĬ PĪPsP±C-C†PSPëC...
PµC,,PµPeC,C-PI.

PĤCĤPePsCĤP±C-PSPsPIP° PePëCĤP»PsC,P° PĪC-PrPIPëC%CŕC” PeCĤPëCĤC,P°P»CŕCĤC-CĤ.

Pj C...PIPsCĤPëC..., CĬPeC- P·P°CĤC,PsCĤPsPICŕCĤC,CĤ P’C-CĤPµPĪC,PsP»B® C-
C†PëPeP»PsCĤPĪPsCĤPëPSPë PĪC-CĤP»CĬ PĪPµCĤPµCĤP°PrPePë PSPëCĤPePë, PjPsP¶Pµ

СГРiPsCГC, PμCГC-PiP°C, PëCГCГC PsP±PsCГC, PSPμ PiPsPiC-CГC€PμPSPSCЦ
C„CрPSPeCГC-C— PSPëCГCPsPe, C%Ps PiCГCScЦIP»CЦC”C, CГCГCЦ
PiC-PrPIPëC%PμPSPSCЦPj CГC-PIPSЦ PeCГCμP°C, PëPSC-PSCр C, P°, PIC-CГCPsPiC-PrPSPs,
P·CрPjPsPIP»PμPSPs PrC-C”CГC C, CГCPëPjPμC, PsPiCГCPëPjCр.

PÿCГCPëPjPμC, PsPiCГCPëPj PjP°C” PSPμP·PSP°C±PSCр CГРiPsCГC-PrPSPμPSC-CГC, CГC C-P·
P»CГPrCГCГCHePsCГ PrPμPiC-PrCГC, PsP»P°C, PSPsCГ CГPμPrCрPeC, P°P·PsCГ, P°P»Pμ
PjPsP¶Pμ PiC-PrPIPëC%PëC, Pë C, PsPeCГPëC±PSC-CГC, CГC PjPμC, PsC, CГPμPeCГP°C, Cр,
PsCГPsP±P»PëPIPs PI PiCГCPëCГCрC, PSPsCГC, C- C-PSC€PëC... C„P°PeC, PsCГC-PI CГCPëP·PëPeCр:
P»C-C, PSC-PNë PIC-Pe, PiC-PiPsP°P»CГP±CрPSPμPjC-CЦ, PiPsCГCрC€PμPSPSCЦ
C„CрPSPeCГC-C— PSPëCГCPsPe, PiCГCPëPiPSC-C±PμPSPSCЦ PeC-CГC, PePsPIPsPiPs PjPsP·PeCр.
PÿP°PeP° PiPsP±C-C±PSP° PrC-CЦ P»C-PeP°CГCГCHePsPiPs P·P°CГPsP±Cр PjPsP¶Pμ
PiCГCScЦIPëC, PëCГCЦ PsCГPsP±P»PëPIPs C, PsPrC-, PePsP»Pë PjPμC, PsC, CГPμPeCГP°C,
P·P°CГC, PsCГPsPICрC”C, CГCГCЦ Cр PIPμP»PëPeC-PNë PrPsP·C-.
P PμPePsPjPμPSPPrCрC”C, CГCГCЦ P»C-PeCрPIP°C, Pë C, P°PePëC... PiP°CГC-C”PSC, C-PI
C„PsP»C-C”PIPsCГ PePëCГP»PsC, PsCГ C±Pë C„PsP»C-PSP°C, PsPj PeP°P»CГCГC-CГC, C%PsP±
P·P°PiPsP±C-PiC, Pë PIPiP»PëPICр PSP° PiPμPjPsPiPsPμP·.

PJ C...PIPsCГCPëC..., CЦPeC- P·P°CГC, PsCГPsPICрCГC, CГC C, CГCPëPjPμC, PsPiCГCPëPj C-
PjPμC, PsC, CГPμPeCГP°C,, P±CрP»Pë PsPiPëCГP°PSC- PIPëPiP°PrPePë
PiP°PSCГPëC, PsPiPμPSC-C—.

PлPs-C, CГCPëPjPsPeCГP°P·PsP» P·P±C-P»CГC€CрC” PePsPSCГPμPSC, CГP°CГC-CГC
PIC-P»CГPSPSc— C„CГP°PeCГC-C— PjPμC, PsC, CГPμPeCГP°C, Cр Cр CГPëCГCPIP°C, CГC- P·P°
CГP°C...CрPSPsPe PIPëC, C-CГPSPμPSPSCЦ PNëPsPiPs P·C- P·PIбГ™ CЦP·PeC-PI P·
P±C-P»PeP°PjPë.

P’C-CГPμPiC, PsP»^{B®} PjPsP¶Pμ PiPsC, PμPSCГC-CГPIP°C, Pë PrC-CГC P»C-PeP°CГCГCHePëC...
P·P°CГPsP±C-PI, CЦPeC- PjPμC, P°P±PsP»C-P·CрCГC, CГCГCЦ CYP2C8 (PSP°PiCГCPëPeP»P°Pr,
PiC-PsPiP»C-C, P°P·PsPS, CГPμPiP°PiP»C-PSC-Pr, CГCSp·PëPiP»C-C, P°P·PsPS
PiP°PeP»C-C, P°PeCГPμP», P°PjC-PsPrP°CГCPS, PrP°PiCГPsPS, CГPμPiP°PiP»C-PSC-PrPëPS,
CГCSp·PëPiP»C-C, P°P·PsPS C- PiC-PsPiP»C-C, P°P·PsPS) C±Pë CYP2C9 (PSP°PiCГCPëPeP»P°Pr,
PiP»C-PiC-P·PëPr C, P° PiP»C-P±CрCГCPëPr) P°P±Ps CЦPeC- PIPëPIPsPrCЦC, CГCГCЦ
PSPëCГPeP°PjPë C±PμCГPμP· OCT2 (PSP°PiCГCPëPeP»P°Pr, PjPμC, C„PsCГPjC-PS), C%Ps
P·CрPjPsPIP»CГC” PiC-PrPIPëC%PμPSPSCЦ CГCPëP·PëPeCр CГCSp·PIPëC, PeCр
PiC-PiPsPiP»C-PePμPjC-C—. PлPsP¶Pμ P±CрC, Pë PiPsC, CГC-P±PSPëPj PrPsPrP°C, PePsPIPëPNë
PjPsPSC-C, PsCГCPëPSPi CГC-PIPSЦ PiP»CГCHePsP·Pë PI PeCГPsPIC-.

PμP°PeP»C-C, P°PeCГPμP» C- P°PjC-PsPrP°CГCPS PjP°CГC, CГC PICрP·CГCHePëPNë
C, PμCГP°PiPμPIC, PëC±PSPëPNë C-PSPPrPμPeCГ. PiPeC%Ps PiP°CГC-C”PSC, PsC, CГCPëPjCрC”
PiP°PeP»C-C, P°PeCГPμP» P°P±Ps P°PjC-PsPrP°CГCPS, CГP»C-Pr CГCSp·PiP»CЦPSCрC, Pë
PiPëC, P°PSPSCЦ PiCГC PiCГCPëP·PSP°C±PμPSPSCЦ P°P»CГC, PμCГPSP°C, PëPIPSPiPs
P°PSC, PëP±C-PsC, PëPeP°.

P† PrP°PiCГPsPS, C- P’C-CГPμPiC, PsP»^{B®} PjPsP¶CрC, CГC CГPiCГCPëC±PëPSPëC, Pë
PjPμC, PiPμPjPsPiP»PsP±C-PSCрCГC-CГC. P—P° PiP°CГC-C”PSC, P°PjPë, CЦPeC-
PsC, CГCPëPjCрCГC, CГC PrP°PiCГPsPS Cр PePsPjP±C-PSP°CГC-C— P· P’C-CГPμPiC, PsP»PsPj^{B®},
CГP»C-Pr CГPiPsCГC, PμCГC-PiP°C, Pë PSP° PiCГPμPrPjPμC,
PjPμC, PiPμPjPsPiP»PsP±C-PSCрCГC-C—. PμPs PjPsP¶P»PëPIPsCГC, C- CГP»C-Pr
PiCГCPëP·PSP°C±P°C, Pë P°P»CГC, PμCГPSP°C, PëPIPS- PjPμC, PsPrPë P»C-PeCрPIP°PSPSCЦ.

P—PëPrPsPICрPrPëPS: Cр PrPμCЦPePëC... PIPëPiP°PrPeP°C... PsPrPSPsC±P°CГPSPμ

P·P°CÍ'C,PsCÍ'CrPIP°PSPSCŬ PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»CÍ' C,P° P·PĚPrPsPICrPrPĚPSCr
PĭC-PrPIPĚC%CrC" ČĤPĚP·PĚPe PiPμPjP°C,PsP»PsPiC-C†PSPĚC... PĭPsČĤCrCĚPμPSCĤ,
P·CÍ'PjPsPIP»PμPSPĚC... PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»PsPj. Pj ČĤP°P·C-
PSPμPsP±C...C-PrPSPsCÍ'C,C- PsPrPSPsC†P°CÍ'PSPsPiPs P·P°CÍ' C,PsCÍ'CrPIP°PSPSCŬ PePs-
C,ČĤPĚPjPsPeCÍ'P°P·PsP»CÍ' C,P° P·PĚPrPsPICrPrPĚPSCr CÍ'P»C-Pr PĭČĤPsPIPsPrPĚC,PĚ
PjPsPSC-C,PsČĤPĚPSi PĭPsPeP°P·PSPĚPeC-PI PeČĤPsPIC-.

P'P°ČĤC,,P°ČĤPĚPS: PIPĚCŬPIP»PμPSPs, C%Ps PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»
PĭC-PrCÍ'PĚP»ČĤC" P°PSC,PĚPePsP°PiCÍ'P»CŬPSC,PSCr P°PeC,PĚPIPSC-CÍ'C,ČĤ
PIP°ČĤC,,P°ČĤPĚPSCr CĚP»CŬC...PsPj CÍ'C,PμČĤPμPsCÍ'PμP»PμPeC,PĚPIPSPsPiPs
C-PSPiC-P±CÍ'PIP°PSPSCŬ PŇPsPiPs PjPμC,P°P±PsP»C-P·PjCÍ'.
PŸCÍ'P»ČĤC,,P°PjPμC,PsPeCÍ'P°P·PsP» PjPsPŹPμ PIPĚC,C-CÍ'PSCŬC,PĚ PIP°ČĤC,,P°ČĤPĚPS P·C-
P·'C"PrPSP°PSPSCŬ P· P°P»ČĤP±CÍ'PjC-PSP°PjPĚ PĭP»P°P·PjPĚ *in vitro*. PŸPsPjCÍ' PĭC-Pr C†P°CÍ'
P»C-PeCÍ'PIP°PSPSCŬ PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»PsPj PrPsC†C-P»ČĤPSPĚPj C"
ČĤPμC,PμP»ČĤPSPĚPŇ PePsPSC,ČĤPsP»ČĤ P°PSC,PĚPePsP°PiCÍ'P»CŬPSC,PSPsC—
C,PμČĤP°PĭC-C—.

Pj C...PIPsČĤPĚC..., CŬPeC- P·P°CÍ' C,PsCÍ'PsPICrČĤC,ČĤ C-PSPrPsPjPμC,P°C†PĚPS, PjPsPŹPμ
P·P±C-P»ČĤCĚCÍ'PIP°C,PĚCÍ'ČĤ PePsPSC†PμPSC,ČĤP°C†C-CŬ
CÍ'CrP»ČĤC,,P°PjPμC,PsPeCÍ'P°P·PsP»CÍ' PI PeČĤPsPIC-. PhPĭPĚCÍ'P°PSPs PsPrPĚPS
PIPĚPĭP°PrPsPe C,PsPeCÍ'PĚC†PSPsPiPs PrPμP»C-ČĤC-ČĤ PĭC-CÍ'P»CŬ PsPrPSPsC†P°CÍ'PSPsPiPs
PĭČĤPĚPŇPsPjCÍ' P·C-CÍ'PμPĭC,PsP»CÍ'B® C- P°PjP°PSC,P°PrPĚPSCr.

PμČĤPĚ PsPrPSPsC†P°CÍ'PSPsPjCÍ' P·P°CÍ' C,PsCÍ'CrPIP°PSPSC- PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»CÍ'
P· P»C-PeP°ČĤCÍ'ČĤPePĚPjPĚ P·P°CÍ'PsP±P°PjPĚ, C%Ps CrC,PIPsČĤČĤČĤC,ČĤ PeP°C,C-PsPSPĚ
CÍ' C,,C-P·C-PsP»PsPiC-C†PSPsPjCÍ' ČĤPsP·C†PĚPSC- ČĤPĚ C- C†P°CÍ' C,PePsPIPs
PIPĚPIPsPrCŬC,ČĤCÍ'CŬ PSPĚČĤPeP°PjPĚ CĚP»CŬC...PsPj P°PeC,PĚPIPSPsC—
CÍ'PμPeČĤPμC†C-C— (PSP°PĭČĤPĚPeP»P°Pr, PĭČĤPsPeP°C—PSP°PjC-Pr, P°PjP°PSC,P°PrPĚPS),
PjPsPŹPμ PIC-PrP±CÍ'PIP°C,PĚCÍ'CŬ PePsPSPeCÍ'ČĤPμPSC,PSPμ C-PSPiC-P±CÍ'PIP°PSPSCŬ
C†ČĤPsPiPs PĭČĤPsC†PμCÍ'Cr, C%Ps PjPsPŹPμ CÍ'PĭČĤPĚC†PĚPSCŬC,PĚ
PĭC-PrPIPĚC%PμPSPSCŬ PePsPSC†PμPSC,ČĤP°C†C-C— CÍ' PĭP»P°P·PjC- PeČĤPsPIC-
PsPrPSPsPiPs P°P±Ps PsP±PsC... PĭČĤPμPĭP°ČĤP°C,C-PI.

P PĚC,,P°PjPĭC-C†PĚPS: PIC-PrP·PSP°C†PμPSPs, C%Ps PĭČĤPĚ PsPrPSPsC†P°CÍ'PSPsPjCÍ'
P·P°CÍ' C,PsCÍ'CrPIP°PSPSC- PePs-C,ČĤPĚPjPsPeCÍ'P°P·PsP»CÍ' C- ČĤPĚC,,P°PjPĭC-C†PĚPSCr
PĭČĤPsC,CŬPiPsPj C,PĚPŹPSCŬ PIC-PrP±CÍ'PIP°C",ČĤCÍ'CŬ CÍ'PePsČĤPsC†PμPSPSCŬ
PĭPμČĤC-PsPrCÍ' PSP°PĭC-PIIPĚPIPμPrPμPSPSCŬ C,ČĤPĚPjPμC,PsPĭČĤPĚPjCÍ'. PhPrPSP°Pe C†Pμ
PSPμ PjP°C" C-CÍ' C,PsC,PSPsPiPs PeP»C-PSC-C†PSPsPiPs P·PSP°C†PμPSPSCŬ.

PŸČĤPĚPjPμC,PsPĭČĤPĚPj PSPμ PjPsPŹPSP° P·P°CÍ' C,PsCÍ'PsPICrPIP°C,PĚ ČĤP°P·PsPj P·
PrPsC,,PμC,PĚP»C-PrPsPj. PμČĤPĚP·PSP°C†PμPSPSCŬ C,ČĤPĚPjPμC,PsPĭČĤPĚPjCÍ' 260 PjPi C,P°
CÍ'CrP»ČĤC,,P°PjPμC,PsPeCÍ'P°P·PsP»CÍ' 800 PjPi PrPIC-C†C- PSP° PrPμPSCĤ CÍ'
PePsPjP±C-PSP°C†C-C— P· PrPsC,,PμC,PĚP»C-PrPsPj 500 PjPi PrPIC-C†C- PSP° PrPμPSCĤ
PĭČĤPsC,CŬPiPsPj 4 PrPSC-PI CÍ'PĭČĤPĚC†PĚPSCŬC" B PĭC-PrPIPĚC%PμPSPSCŬ
PjP°PeCÍ'PĚPjP°P»ČĤPSPsC— PePsPSC†PμPSC,ČĤP°C†C-C— PrPsC,,PμC,PĚP»C-PrCÍ', C%Ps
PĭČĤPĚP·PIPsPrPĚC,ČĤ PrPs CÍ'PμČĤPŇPsP·PSPĚC... PIPμPSC,ČĤPĚPeCÍ'P»CŬČĤPSPĚC...
P°ČĤPĚC,PjC-PŇ.

Pj C...PIPsČĤPĚC... P»C-C,PSČĤPsPiPs PIC-PeCÍ' PĭPsC"PrPSP°PSPSCŬ PePs-
C,ČĤPĚPjPsPeCÍ'P°P·PsP»CÍ' P· PrPμCŬPePĚPjPĚ CÍ'PμC†PsPiC-PSPSPĚPjPĚ
PĭČĤPμPĭP°ČĤP°C,P°PjPĚ, PsCÍ'PsP±P»PĚPIPs C,C-P°P·PĚPrP°PjPĚ, P·P±C-P»ČĤCĚCÍ' C"
ČĤPĚP·PĚPe C,ČĤPsPjP±PsC†PĚC,PsPĭPμPSC-C— P· PĭCÍ'ČĤPĭCÍ'ČĤPsČĤ P°P±Ps P±PμP·.

РлPs-C,ЧҫPөPjPsPeCГ°P·PsP» PjPsP¶Pµ PiC-PrPIPөC%оCГ°PIP°C,Пө
PePsPSC†PµPSC,ЧҫP°C†C-Чҫ PrPөPiPsPeCГ°PөPSCr PI CГ°PөЧҫPsPIP°C,C†C- PeЧҫPsPIC-,
PsCГ°PsP±P»PөPIPs Cr PiP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCr.

РµЧҫPө PsPrPSPsC†P°CГ°PSPsPjCr P·P°CГ°C,PsCГ°CГ°PIP°PSPSC- PiЧҫPµPiP°ЧҫP°C,Cr P·
C,ЧҫPөC†PөPeP»C-C†PSPөPjPө P°PSC,PөPrPµPiЧҫPµCГ°P°PSC,P°PjPө P·PSPөP¶CГ°C”C,ЧҫCГ°C¶
P°PeC,PөPIPSC-CГ°C,Чҫ PsCГ°C,P°PSPSC-C....

РµЧҫPµPiP°ЧҫP°C, P·PSPөP¶CГ°C” PSP°PrC-PNөPSC-CГ°C,Чҫ PiPµЧҫPsЧҫP°P»ЧҫPSPsC—
PePsPSC,ЧҫP°C†PµPiC†C-C—, C,PsPjCr PSPµPsP±C...C-PrPSPs ЧҫP°PrPөC,Пө
PiP°C†C-C”PSC,PeP°Pj PIP¶PөPIP°C,Пө PrPsPrP°C,PePsPIPөC... PiЧҫPsC,PөP·P°PiP»C-PrPSPөC...
P·P°C...PsPrC-PI PiC-Pr C†P°CГ° P»C-PeCrPIP°PSPSC¶ P’C-CГ°PµPiC,PsP»PsPj^{B®}.

РµЧҫPµPiP°ЧҫP°C, PiP°P»ЧҫPjCrC” PjPµC,P°P±PsP»C-P·Pj C,,PµPSC-C,PsC—PSCr: PI PsCГ°C-P±,
C¶PeC- P·P°CГ°C,PsCГ°PsPICrЧҫC,Чҫ PsP±PөPrPIP° PiЧҫPµPiP°ЧҫP°C,Пө,
C,ЧҫPөPIP°P»C-CГ°C,Чҫ PiPµЧҫC-PsPrCr PSP°PiC-PIPIPөPIPµPrPµPSPSC¶
C,,PµPSC-C,PsC—PSCr P·P±C-P»ЧҫCөCГ°C”C,ЧҫCГ°C¶ PiЧҫPөP±P»PөP·PSPs PSP° 39 %, P°
PeP»C-ЧҫPµPSCГ° C,,PµPSC-C,PsC—PSCr P·PSPөP¶CГ°C”C,ЧҫCГ°C¶ PiЧҫPөP±P»PөP·PSPs PSP°
27 %.

РµЧҫPө PsPrPSPsC†P°CГ°PSPsPjCr PiЧҫPөP·PSP°C†PµPSPSC- P»C-PeP°ЧҫCГ°ЧҫPePsPiPs
P·P°CГ°PsP±Cr P· PiC-ЧҫPөPjPµC,P°PjC-PSPsPj, C¶PePөPNө P·P°CГ°C,PsCГ°PsPICrЧҫC,Чҫ PrP»C¶
PiЧҫPsC,,C-P»P°PeC,PөPePө PjP°P»C¶ЧҫC-C— PI PrPsP·C- PIPөC%оPµ 25 PjPi/C,PөP¶PrPµPSCH,
Cr PiP°C†C-C”PSC,C-PI PjPsP¶Pµ ЧҫPsP·PIPөPSCrC,ПөCГ°C¶ PjPµPiP°P»PsP±P»P°CГ°C,PSP°
P°PSPµPjC-C¶.

P»P°PjC-PICrPrPөPS: P·P°CГ°C,PsCГ°CГ°PIP°PSPSC¶ C,ЧҫPөPjPµC,PsPiЧҫPөPjCr C-
CГ°CГ°P»ЧҫC,,P°PjPµC,PsPeCГ°P°P·PsP»Cr Cr PrPsP·C- 800 PjPi 160 PjPi (PePs-
C,ЧҫPөPjPsPeCГ°P°P·PsP»Cr) PiC-PrPIPөC%оCГ°C” PIPiP»PөPI P»P°PjC-PICrPrPөPSCr PSP°
PsЧҫPiP°PSC-P·Pj PSP° 40 % C†PµЧҫPµP· PIPjC-CГ°C, C,ЧҫPөPjPµC,PsPiЧҫPөPjCr.
P»P°PjC-PICrPrPөPS PSPµ PIPiP»PөPIP°C” PSP° C,,P°ЧҫPjP°PePsPeC-PSPµC,PөPeCr
C,ЧҫPөPjPµC,PsPiЧҫPөPjCr P°P±Ps CГ°CГ°P»ЧҫC,,P°PjPµC,PsPeCГ°P°P·PsP»Cr.

P”C-PiPµЧҫPeP°P»C-C”PjC-C¶: CГ°P»C-Pr PrPsC,ЧҫPөPjCrPIP°C,ПөCГ°C¶
PsP±PµЧҫPµP¶PSPsCГ°C,C- C%оPsPrPs PiP°C†C-C”PSC,C-PI, C¶PeC- PiЧҫPөPNөPjP°ЧҫC,Чҫ
P±CrPrЧҫ-C¶PeC- C-PSCөC- P»C-PeP°ЧҫCГ°ЧҫPeC- P·P°CГ°PsP±Pө, C%оPs PjPsP¶CГ°C,Чҫ
CГ°PiЧҫPөC†PөPSPөC,Пө PiC-PiPµЧҫPeP°P»C-C”PjC-Чҫ, PSP°PiЧҫPөPeP»P°Pr
C-PSPiC-P±C-C,PsЧҫPө P°PSPiC-PsC,PµPSP·PөPSPiPµЧҫPµC,PIPсЧҫЧҫC†PsPiPs
C,,PµЧҫPjPµPSC,Cr, P±P»PsPeP°C,PsЧҫPө P°PSPiC-PsC,PµPSP·PөPSPsPIPөC...
ЧҫPµC†PµPiC,PsЧҫC-PI C,P° PeP°P»C-PNөP·P±PµЧҫC-PiP°ЧҫC†C- PrC-CrЧҫPµC,PөPePө,
C,P°PeC- C¶Pe CГ°PiC-ЧҫPsPSPsP»P°PeC,PsPS. PhPrPSPsC†P°CГ°PSPµ
P·P°CГ°C,PsCГ°CГ°PIP°PSPSC¶ P· PSPөPjPө C,ЧҫPөPjPµC,PsPiЧҫPөPjCr-
CГ°CГ°P»ЧҫC,,P°PjPµC,PsPeCГ°P°P·PsP»Cr (PePs-C,ЧҫPөPjPsPeCГ°P°P·PsP»Cr) PjPsP¶Pµ
PiЧҫPөP·PIPµCГ°C,Пө PrPs PeP»C-PSC-C†PSPs P·PSP°C†CГ°C%оPsC—
PiC-PiPµЧҫPeP°P»C-C”PjC-C—.

PαPsP»C-PSPsPIP° PePөCГ°P»PsC,P°: PiPsPeP°P·P°PSPs, C%оPs PrPsPrP°C,PePsPIPµ
P·P°CГ°C,PsCГ°CГ°PIP°PSPSC¶ C,,PsP»C-PSPsPIPsC— PePөCГ°P»PsC,Пө PIPiP»PөPIP°C” PSP°
PiЧҫPsC,PөPjC-PeЧҫPsP±PSCr PµC,,PµPeC,PөPIPSC-CГ°C,Чҫ C,ЧҫPөPjPµC,PsPiЧҫPөPjCr-
CГ°CГ°P»ЧҫC,,P°PjPµC,PsPeCГ°P°P·PsP»Cr. PjPµ CГ°PiPsCГ°C,PµЧҫC-PiP°P»PsCГ°C¶ PiЧҫPө
PiЧҫPsC,,C-P»P°PeC,ПөC†C- C,P° P»C-PeCrPIP°PSPSC- PiPSPµPIPjPsPSC-C—,
CГ°PiЧҫPөC†PөPSPµPSPsC— *P neumocystis jirovecii*.

PhP·P°C,C-PsPiCḡPēPS: PIC-PrP·PSP°C±PμPSPs CÍCfPīPμCḡPμC±P»PēPIC- PeP»C-PSC-C±PSC-
PīPsPIC-PrPsPjP»PμPSPSCḡ PīCḡPs PIP·P°C”PjPsPrC-Cḡ PjC-Pḡ P°P·P°C,C-PsPiCḡPēPSPsPj C,P°
C,CḡPēPjPμC,PsPiCḡPēPjPsPj-CÍCfP»CHC,,P°PjPμC,PsPeCÍP°P·PsP»PsPj, CḡPeP°
PīCḡPēP·PIPsrPēP»P° PrPs CÍPμCḡPNḡPsP·PSPēC... PiPμPjP°C,PSP»PsPiC-C±PSPēC...
PīPsCḡCfCēPμPSCḡ.

PhCÍPsP±P»PēPIPsCÍC,C- P·P°CÍC,PsCÍCzPIP°PSPSCḡ.

PhPīPēCÍP°PSPs CḡC-PrPeC-CÍPSC- PIPēPīP°PrPePē PSPμP±PμP·PīPμC±PSPēC... PrP»Cḡ
PḡPēC,C,Cḡ CÍCfPeP»P°PrPSPμPSCḡ, PīPsPiBḡ™ CḡP·P°PSPēC... C-P·
P·P°CÍC,PsCÍCfPIP°PSPSCḡPj CÍCfP»CHC,,P°PSC-P»P°PjC-PrC-PI, CÍ C,PSPjCÍ C±PēCÍP»C-
CÍPēPSPPrCḡPsPj PŸC,C-PIPμPSCÍP°B- P”PḡPsPSCÍPsPSP°, C,PSPeCÍPēC±PSPēPNḡ
PμPīC-PrPμCḡPjP°P»CHPSPēPNḡ PSPμPeCḡPsP»C-P·, C,,CfP»CHPjC-PSP°PSC,PSPēPNḡ
PSPμPeCḡPsP· PīPμC±C-PSPePē, P°PīP»P°CÍC,PēC±PSP° P°PSPμPjC-Cḡ,
P°PiCḡP°PSCfP»PsC±PēC,PSP·CÍ, C-PSCēC- PīPsCḡCfCēPμPSPSCḡ CÍPeP»P°PrCÍ PeCḡPsPIC-
C,P° PiC-PīPμCḡC±CfC,P»PēPIC-CÍC,CH PrPēC...P°P»CHPSPēC... CēP»CḡC...C-PI.

PμPsPIC-PrPsPjP»CḡP»PsCÍCḡ PīCḡPs PīPsCḡPICf PSPμP±PμP·PīPμC±PSPēC... PrP»Cḡ
PḡPēC,C,Cḡ CēPeC-CḡPSPēC... CḡPμP°PeC†C-PNḡ: CÍPēPSPPrCḡPsPj PŸC,C-PIPμPSCÍP°B-
P”PḡPsPSCÍPsPSP° C- C,PSPeCÍPēC±PSPēPNḡ PμPīC-PrPμCḡPjP°P»CHPSPēPNḡ
PSPμPeCḡPsP»C-P· Bḡ” CÍ P·PI’CḡP·PeCÍ C-P· P·P°CÍC,PsCÍCfPIP°PSPSCḡPj
CÍCfP»CHC,,P°PjPμC,PSPeCÍP°P·PsP»CÍ.

PŸP»C-Pr PīPsPIC-PrPsPjPēC,Pē PīP°C†C-C”PSC,C-PI C%PsPrPs CÍCfP±Bḡ™ C”PeC,PēPIPSPēC...
C,P° PsP±Bḡ™ C”PeC,PēPIPSPēC... CÍPēPjPīC,PSPjC-PI CēPeC-CḡPSPēC... CḡPμP°PeC†C-PNḡ C-
PSPμPsP±C...C-PrPSPsCÍC,C- CḡPμC,PμP»CHPSPsPiPs CÍPīPsCÍC,PμCḡPμPḡPμPSPSCḡ.
PḡP°PNḡP±C-P»CHCēPēPNḡ CḡPēP·PēPe PīPsCḡPIPē CÍPμCḡPNḡPsP·PSPēC... CēPeC-CḡPSPēC...
CḡPμP°PeC†C-PNḡ (CÍPēPSPPrCḡPsPjCÍ PŸC,C-PIPμPSCÍP°B- P”PḡPsPSCÍPsPSP° C-
C,PSPeCÍPēC±PSPsPiPs PμPīC-PrPμCḡPjP°P»CHPSPsPiPs PSPμPeCḡPsP»C-P·CÍ)
CÍPīPsCÍC,PμCḡC-PiP°C”C,CHCÍCḡ PI PīPμCḡCēC- C,PēPḡPSC- P»C-PeCÍPIP°PSPSCḡ.

P»C-PeCÍPIP°PSPSCḡ P’C-CÍPμPīC,PSP»PsPj^{Bḡ} CÍP»C-Pr PīCḡPēPīPēPSPēC,Pē CÍ CḡP°P·C-
PīPsCḡPIPē CÍCfP±Bḡ™ C”PeC,PēPIPSPēC... P°P±Ps PsP±Bḡ™ C”PeC,PēPIPSPēC...
CÍPēPjPīC,PSPjC-PI CÍPēPSPPrCḡPsPjCÍ PŸC,C-PIPμPSCÍP°B- P”PḡPsPSCÍPsPSP° P°P±Ps
C,PSPeCÍPēC±PSPsPiPs PμPīC-PrPμCḡPjP°P»CHPSPsPiPs PSPμPeCḡPsP»C-P·CÍ (C,P°PePēC...
CḡPe CḡP°PīC,PSPiPēPNḡ CḡPsP·PIPēC,PSPe CēPeC-CḡPSPēC... PIPēCÍPēPīC-PI, C±P°CÍC,Ps P·
PīCfC...PēCḡC†CḡPjPē P°P±Ps CÍCḡP°PḡPμPSPSCḡ CÍP»PēP·PsPIPēC... PsP±PsP»PsPSPsPe)
(PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C-B»).

PḡP°PNḡPeCḡP°C%C- CḡPμP·CfP»CHC,P°C,Pē PI P»C-PeCÍPIP°PSPSC- CÍPēPSPPrCḡPsPjCÍ
PŸC,C-PIPμPSCÍP°B- P”PḡPsPSCÍPsPSP° P°P±Ps C,PSPeCÍPēC±PSPsPiPs
PμPīC-PrPμCḡPjP°P»CHPSPsPiPs PSPμPeCḡPsP»C-P·CÍ CÍPīPsCÍC,PμCḡC-PiP°CḡC,CHCÍCḡ,
CḡPeC%Ps PīCḡPsPIPμPrPμPSPs CḡP°PSPSCḡ PrC-P°PiPSPsCÍC,PēPeCÍ C- PSPμPiP°PNḡPSPs
PīCḡPēPīPēPSPμPSPs PīCḡPēPNḡPsPj P»C-PeP°CḡCfCHPePsPiPs P·P°CÍPsP±CÍ, CḡPePēPNḡ
PIPēPeP»PēPeP°PI C†Cḡ CḡPμP°PeC†C-Cḡ. PḡPμPiP°PNḡPSP° PIC-PrPjC-PSP°
P»C-PeP°CḡCfCHPePsPiPs P·P°CÍPsP±CÍ PīPsPeCḡP°C%CfC” PīCḡPsPiPSPsP·B

PīPeC%Ps PīC-Pr C±P°CÍ P»C-PeCÍPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,PSPj P’C-CÍPμPīC,PSP»^{Bḡ} CÍ
PīP°C†C-C”PSC,P° CÍPīPsCÍC,PμCḡC-PiP°C”C,CHCÍCḡ CÍPēPSPPrCḡPsPj PŸC,C-PIPμPScP°B-
P”PḡPsPSCÍPsPSP° P°P±Ps C,PSPeCÍPēC±PSPēPNḡ PμPīC-PrPμCḡPjP°P»CHPSPēPNḡ

PSP_μPeC₇PsP»C-P, PSP_μ C₇P»C-Pr PI PjP°PN₂P±C₇C, PSCH₂PsPjC₇ P_iC₇P_eP·PSP°C₇P°C, P_e PrP°PSP_ePN₂ P»C-PeP°C₇C₇CH₂PeP_ePN₂ P·P°C₇C-P±.

P_μC₇P_e P_iPsC₇PIC- C₇PeC-C₇PSPsP_iPs PIP_eC₇P_eP_iC₇ P°P±Ps P±C₇PrCH₂-C₇PePsC— C-PSC₇PsC— P_iPsP±C-C₇PSPsC— C₇P_μP°PeC₇C-C— (PIPeP»C₇C₇P°C₇C₇P_e P±C-P»CH₂ C₇ P_iPsC₇P»C-, P_iC-PrPIP_eC%₀P_μPSC₇ C, P_μPjP_iP_μC₇P°C, C₇C₇C₇ C, C-P»P°, P±C-P»CH₂ C₇ C₇C₇PiP»PsP±P°C..., P±P»C-PrC-C₇C, CH₂, P_iC₇C₇P_iC₇C₇C₇, P₇PsPIC, C₇PSP_eC₇C₇, C₇PeC- PSP_μ PjPsP₇C₇C, CH₂ P±C₇C, P_e P_iPsC₇C₇PSP_μPSC- C-PSC₇PePjP_e P_iC₇P_eC₇P_ePSP°PjP_e) P_iC₇P_μPiP°C₇P°C, C₇P»C-Pr PIC-PrPjC-PSP_eC, P_e. P₇P°C₇P_μP»CH₂, P·P°PrP_eC₇PeP° C, P° C₇PsP·PIP_eC, PsPe P»P_μPiP_μPSP_μPIPsPiPs C-PSC, „C-P»CH₂C, C₇P°C, C₇ PjPsP₇C₇C, CH₂ C, P°PePsP₇ P±C₇C, P_e PsP·PSP°PeP°PjP_e C₇P_μP°PeC₇C-C— P_iC-PiP_μC₇C₇C₇C, P»P_ePIPsC₇C, C-. P₇P_μPsP±C...C-PrPSPs PrPsC, C₇P_ePjC₇PIP°C, P_eC₇CH₂ PsP±P_μC₇P_μP₇PSPsC₇C, C- P_iC₇P_e P·P°C₇C, PsC₇C₇PIP°PSPSC- P»C-PeP°C₇C₇CH₂PePsPiPs P·P°C₇PsP±C₇ P_iP°C₇C-C”PSC, P°Pj, PI P°PSP°PjPSP_μP·C- C₇PeP_eC... P·P°P·PSP°C₇P_μPSP° C, C₇P₇PeP° P°P»P_μC₇PiC-C₇PSP° C₇P_μP°PeC₇C-C₇ P°P±Ps P±C₇PsPSC...C-P°P»CH₂PSP° P°C₇C, PjP°.

P_hPeC₇C-Pj PIP_ePSC₇C, PePsPIP_eC... PIP_ePiP°PrPeC-PI, P’C-C₇P_μPiC, PsP»^{B®} PSP_μ C₇P»C-Pr P_iC₇P_eP·PSP°C₇P°C, P_e P_iP°C₇C-C”PSC, P°Pj C-P· C₇P_μC₇PN₂PsP·PSP_ePjP_e C₇C, C-PN₂PeP_ePjP_e P·PjC-PSP°PjP_e PeP»C-C, P_ePSPSPsPiPs C₇PeP»P°PrC₇ PeC₇PsPIC-. P₇P°C₇ PIC-Pr C₇P°C₇C₇ P_iC₇P_μPiP°C₇P°C, P·P°C₇C, PsC₇PsPIC₇PIP°P»P_e P_iP°C₇C-C”PSC, P°Pj, C₇PeC- PsC, C₇P_ePjC₇PIP°P»P_e C₇P_eC, PsC, PsPeC₇P_eC₇PSC- P·P°C₇PsP±P_e PrP»C₇ P»C-PeC₇PIP°PSPSC₇ P»P_μPN₂PeP_μPjC-C—, P_iC₇P_e C₇CH₂PsPjC₇ PSP_μ C₇PiPsC₇C, P_μC₇C-PiP°P»PsC₇CH₂ PSC-C₇PeP_eC... PsP·PSP°Pe P_iPsP±C-C₇PSP_eC... P_μC, „P_μPeC, C-PI P· P±PsPeC₇ PeC-C₇C, PePsPIPsPiPs PjPsP·PeC₇ C₇P_e P_iP_μC₇P_eC, „P_μC₇P_eC₇PSPsC— PeC₇PsPIC-.

P—PIP°P₇P°C₇C₇P_e PSP° PN₂PjPsPIC-C₇PSC-C₇C, CH₂ PiP_μPjPsP»C-P·C₇, P’C-C₇P_μPiC, PsP»^{B®} PSP_μ C₇P»C-Pr P_iC₇P_eP·PSP°C₇P°C, P_e P_iP°C₇C-C”PSC, P°Pj C-P· PrP_μC₇PeP_ePjP_e P_iP_μPjPsPiP»PsP±C-PSPsPiP°C, C-C₇PjP_e (Hb-P_iC₇C₇C-C..., Hb-P₇P_μP»CH₂PS), P·P° PIP_ePSC₇C, PePsPj PIP_ePiP°PrPeC-PI PSP°PiP°P»CH₂PSPsC— P_iPsC, C₇P_μP±P_e C- C, C-P»CH₂PeP_e C₇ PjC-PSC-PjP°P»CH₂PSP_eC... PrPsP·P°C....

P₇C₇P_ePIP°P»P_μ P»C-PeC₇PIP°PSPSC₇ P_iC₇P_μPiP°C₇P°C, PsPj PSP_μ C₇P_μPePsPjP_μPSP₇PsPIP°PSPs. P»C-PeC₇PIP°PSPSC₇ C...PIPsC₇P_eC... P»C-C, PSCH₂PsPiPs PIC-PeC₇ PSP_μ P_iPsPIP_ePSPSPs P±C₇C, P_e C, C₇P_ePIP°P»P_ePj. Pj C...PIPsC₇P_eC... P»C-C, PSCH₂PsPiPs PIC-PeC₇ P_iC₇P_e P»C-PeC₇PIP°PSPSC- P’C-C₇P_μPiC, PsP»PsPj^{B®} P·P±C-P»CH₂C₇C₇C, CH₂C₇C₇ C₇P_eP·P_ePe C₇C₇PePsPrP₇P_μPSPSC₇ PSP_eC₇PsPe P°P±Ps P_iP_μC₇C-PSPeP_e, C, C₇P₇PeP_eC... C₇PeC-C₇PSP_eC... C₇P_μP°PeC₇C-PN₂, P_iC₇P_ePiPSC-C₇P_μPSPSC₇ C, „C₇PSPeC₇C-C— PeC-C₇C, PePsPIPsPiPs PjPsP·PeC₇ (PIPeP»C₇C₇P°C₇C₇P_e C₇C, PIPsC₇P_μPSPSC₇ PeC₇PsPiP₇™ C₇PSP_eC... C, C-P»P_μC₇CH₂), P° C, P°PePsP₇ C, C₇PsPjP±PsC₇P_eC, PsPiP_μPSC-C₇ P· P_iC₇C₇P_iC₇C₇PsC₇ P°P±Ps P±P_μP·. P_hPrPSPsC₇P°C₇PSP_μ P·P°C₇C, PsC₇C₇PIP°PSPSC₇ PrC-C₇C₇P_μC, P_ePeC-PI P_iC-PrPIP_eC%₀C₇C” C₇P_eP·P_ePe PeC₇PsPIPsC, P_μC₇.

P—P°C₇C, PsC₇C₇PIP°PSPSC₇ PePs-C, C₇P_ePjPsPeC₇P°P·PsP»C₇ P_iC₇P_e C₇C, C₇P_μPiC, PsPePsPePsPIPsPjC₇ C, „P°C₇P_ePSPiC-C, C- PIC-PrPSPsC₇PSPs C₇P°C₇C, Ps P·P°PeC-PSC₇C₇C, CH₂C₇C₇ PSP_μP·P°PrPsPIC-P»CH₂PSP_ePj C₇P_μP·C₇P»CH₂C, P°C, PsPj, PsC₇PeC-P»CH₂PeP_e PSP_μ PIP₇P°C, CH₂C₇C₇ P_μP»C-PjC-PSC₇PIP°C, P_e P±P°PeC, P_μC₇C-C—. Ko-C, C₇P_ePjPsPeC₇P°P·PsP» PSP_μ P_iC₇P_eP·PSP°C₇P_μPSP_ePN₂ PrP»C₇ P»C-PeC₇PIP°PSPSC₇ C, „P°C₇P_ePSPiC-C, C₇ C- C, PsPSP·P_eP»C-C, C₇ C₇C, C₇P_μPiC, PsPePsPePsPIPsC— P_μC, C-PsP»PsPiC-C—.

PJ C...PIPsCfPëC... PSP° PŸPĶP†P'', C%oPs P·P°CÍ'C,PScÍ'PsPICrCfC,CfB P'C-CÍ'PuPiC,PSP»^{B®} Cf

P·PIBTM CII·P·PeCí P· PíPSPµPIPIjPsC†PëCíC,PSPëPj P·P°C₇P°P¶PµPSPSCIIj, C†P°CíC,C-C€Pµ
PIPëPSPëP°C₇C,CH C,P°PeC- CíPëPjPiC,PsPjPë: PIPëCíPëPi, PiC₇PsPiP°CíPSPëC†CII,
P»PµPNëPePsPiPµPSC-CII, P·P±C-P»CHC€PµPSPSCII C₇C-PIPSC-PI
P°PjC-PSPsC,C₇P°PSCíC„PµC₇P°P·, PiC-PiPµC₇PeP°P»C-C”PjC-CII C,P°
PiC-PiPsPSP°C,C₇C-C”PjC-CII.

PŸCíPíCíC,PSC” P·P°CíC,PsCíCíPIP°PSPSCII P»C-PeP°C₇CíCHPePëC... P·P°CíPsP±C-PI, C%Ps
PIPëPeP»PëPeP°C₇C,CH PiC-PiPµC₇PeP°P»C-C”PjC-C₇, PI C,PsPjCí C†PëCíP»C- PePs-
C,C₇PëPjPsPeCíP°P·PsP», Cí PíPsC”PrPSP°PSPSC- P·C- CíPíC-C₇PsPSPsP»P°PeC,PsPSPsPj,
PjPsP¶Pµ PiC₇PëP·PIPµCíC,Pë PrPs PIP°P¶PePsC— PiC-PiPµC₇PeP°P»C-C”PjC-C—.

PµC-Pr C†P°Cí P»C-PeCíPIP°PSPSCII PSPµPsP±C...C-PrPSPs CíPSPëPeP°C,Pë PiC₇CIIjPsPiPs
CíPsPSCII†PSPsPiPs PsPiC₇PsPjC-PSC₇PIP°PSPSCII P°P±Ps PIPëPePsC₇PëCíC,PsPICíPIP°C,Pë
P·P°C...PëCíPSPëPNë PsPrCIIjPi C-/P°P±Ps C„PsC,PsP·P°C...PëCíPSC- PiC₇PµPiP°C₇P°C,Pë PiC-Pr
C†P°Cí P»C-PeCíPIP°PSPSCII Cí P·PIBTM CII·P·PeCí P· C„PsC,PsC†CíC,P»PëPIC-CíC,C₇.

PµC-Pr C†P°Cí PiC₇PëPNëPsPjCí PePs-C,C₇PëPjPsPeCíP°P·PsP»Cí (C,P°Pe CíP°PjPs, CIIjPe C-
PiC-Pr C†P°Cí PiC₇PëPNëPsPjCí C-PSC€PëC... P°PSC,PëP±P°PeC,PµC₇C-P°P»CHPSPëC...
P·P°CíPsP±C-PI) PjPsP¶Pµ C₇PsP·PIPëPSCíC,PëCíCII PiCíPµPIPrPsPjPµPjP±C₇P°PSPsP·PSPëPNë
PePsP»C-C,.

PIP°C₇P°PeC,PµC₇ PiPµC₇PµP±C-PiCí C...PIPsC₇PsP±Pë PjPsP¶Pµ P±CíC,Pë PIC-Pr
P»PµPiPePsPiPs PrPs P·P°PiC₇PsP·P»PëPIPsPiPs PrP»CII P¶PëC,C,CII. PŸPsPjCí PIP°P¶P»PëPICí
C₇PsP»CH PIC-PrC-PiC₇P°C” PiC₇P°PIPëP»CHPSP° PrC-P°PiPSPsCíC,PëPeP° C†CHPsPiPs
P·P°C...PIPsC₇CHPIP°PSPSCII Cí PiP°C†C-C”PSC,C-PI, Cí CIIjPePëC... PI C...PsPrC-
P·P°CíC,PsCíCíPIP°PSPSCII P°PSC,PëP±P°PeC,PµC₇C-P°P»CHPSPsPiPs
P»C-PeP°C₇CíCHPePsPiPs P·P°CíPsP±Cí P·BTM CIIjPIPëP»P°CíCII PrC-P°C₇PµCII.
P>C-PeCíPIP°PSPSCII P°PSC,PëP±P°PeC,PµC₇C-P°P»CHPSPëPjPë P·P°CíPsP±P°PjPë
PIPiP»PëPIP°C” PSP° P·PjC-PSCí C„C-P·C-PsP»PsPiC-C†PSPsC— C„P»PsC₇Pë PsP±PsPrPsPIPsC—
PePëC€PePë C- PjPsP¶Pµ PIPëPeP»PëPeP°C,Pë PSP°PrPjC-C₇PSPµ P·P±C-P»CHC€PµPSPSCII
PeC-P»CHPePsCíC,C- P°PSP°PµC₇PsP±PSPëC... PiP°P»PëC†PsPe. PŸPsPeCíPëPSPë, CIIjPeC-
PiC₇PsPrCíPeCíC₇C,CH *Clostridium difficile*, C” PsPrPSC-C”C₇ P· PiPsP»PsPIPSPëC...
PiC₇PëC†PëPS C₇PsP·PIPëC,PeCí PePsP»C-C,Cí.

PJ C₇P°P·C- P»PµPiPePsPiPs PiPµC₇PµP±C-PiCí PiCíPµPIPrPsPjPµPjP±C₇P°PSPsP·PSPsPiPs
PePsP»C-C,Cí P·P°P·PIPëC†P°PNë PrPsCíC,P°C,PSC-Pj C” PiC₇PëPiPëPSPµPSPSCII
PiC₇PëPNëPsPjCí P»C-PeP°C₇CíCHPePsPiPs P·P°CíPsP±Cí. PJ PIPëPiP°PrPeP°C...
CíPµC₇PµPrPSC₇PsC— C,CIIjP¶PePsCíC,C- C,P° C,CIIjP¶PePëC... PIPëPiP°PrPeP°C...
PiP°C†C-C”PSC,P°Pj PSPµPsP±C...C-PrPSPs PIPiPµCíC,Pë C₇C-PrPëPSCí,
PµP»PµPeC,C₇PsP»C-C,Pë, P±C-P»PsPe C- P°PSC,PëP±P°PeC,PµC₇C-P°P»CHPSC-
P·P°CíPsP±Pë, P°PeC,PëPIPSC- C%PsPrPs *Clostridium difficile* (PjPµC,C₇PsPSC-PrP°P·PsP»
P°P±Ps PIP°PSPePsPjC-C†PëPS). PáPµ CíP»C-Pr PIPiPsPrPëC,Pë P»C-PeP°C₇CíCHPeC-
P·P°CíPsP±Pë, C%Ps PiC₇PëPiPSC-C†CíC₇C,CH PiPµC₇PëCíC,P°P»CHC,PëPeCí, P°P±Ps
C-PSC€C- PiC₇PsC,PëPrC-P°C₇PµPNëPSC- PiC₇PµPiP°C₇P°C,Pë.

PŸC₇PëPIP°P»Pµ P»C-PeCíPIP°PSPSCII PjPsP¶Pµ PiC₇PëP·PIPsPrPëC,Pë PrPs
PSP°PrPjC-C₇PSPsPiPs C₇PsCíC,Cí PSPµC†CíC,P»PëPIPëC... PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI
C,P° PiC₇PëP±C-PI. PJ C₇P°P·C- CíCíPiPµC₇C-PSC„PµPeC†C-C— CíP»C-Pr PSPµPiP°PNëPSPs
C₇PsP·PiPsC†P°C,Pë PIC-PrPiPsPIC-PrPSPµ P»C-PeCíPIP°PSPSCII.

P—P° CíPjPsPIPë PIPëPeP»C₇C†PµPSPSCII C-PSC€PëC... PjPsP¶P»PëPIPëC... PiC₇PëC†PëPS,
P·P°CíC,PsCíCíPIP°PSPSCII P»C-PeP°C₇CíCHPePsPiPs P·P°CíPsP±Cí

РiPsPIbTTM CIIIP·CpC" C, ЧbCfCII P· PjPμC, P°P±PsP»C-C±PSPëPj P°C†PëPrPsP·PsPj. PμCтPë
PïC-PrPsP·CтC- PjPμC, P°P±PsP»C-C±PSPsPiPs P°C†PëPrPsP·Cp
CтPμPePsPjPμPSPpCpC" C, ЧbCfCII CтPμC, PμP»ЧbPSPëPN P°PSP·PiP»CIIIPr P·P°
PïP°C†C-C" PSC, PsPj.

PμPsC" PrPSP°PSPSCII P°PSC, PëP±C-PsC, PëPeC-PI C-P· PePs-C, CтPëPjPsPeCfP°P·PsP»PsPj
CfP»C-Pr P·P°CfC, PsCfPsPICpPIP°C, Pë C, C-P»ЧbPePë Cр PIPëPiP°PrPeP°C..., PePsP»Pë PSP°
PrCpPjPeCp P»C-PeP°CтCII PePsCтPëCfC, Чb PIC-Pr P»C-PeCpPIP°PSPSCII
PïPμCтPμPIPëC% CpC" PïPsC, PμPSC†C-PN P°PSPëPN CтPëP·PëPe. PŸP»C-Pr PICтP°C... CpPIP°C, Pë
PjPsP¶P»PëPIC-CfC, Чb P·P°CfC, PsCfCpPIP°PSPSCII PsPrPSPsPiPs PμC, PμPeC, PëPIPSPsPiPs
P°PSC, PëP±P°PeC, PμCтC-P°P»ЧbPSPsPiPs P»C-PeP°CтCfCЧbPePsPiPs P·P°CfPsP±Cp.

P'PiP»PëPI PSP° CтPμP·CpP»ЧbC, P°C, Pë P»P°P±PsCтP°C, PsCтPSPëC...
PrPsCfP»C-PrP¶PμPSCb. PŸCтPëPjPμC, PsPiCтPëPj PjPsP¶Pμ PIPiP»PëPIP°C, Pë PSP°
CтPμP·CpP»ЧbC, P°C, Pë PIPëP·PSP°C±PμPSPSCII PePsPSC†PμPSC, CтP°C†C-C—
PjPμC, PsCтPμPeCfP°C, Cp Cp CfPëCтPsPIP°C, C†C- PμPSP·PëPjP°C, PëC±PSPëPj PjPμC, PsPrPsPj,
P°P»Pμ PSPμ PIPiP»PëPIP°C" PSP° PSPëC... PiCтPë CтP°PrC-PsC-PjCpPSPsP»PsPiC-C±PSPsPjCp
PjPμC, PsPrC- PIPëP·PSP°C±PμPSPSCII.

PлPs-C, CтPëPjPsPeCfP°P·PsP» PjPsP¶Pμ PïC-PrPIPëC% CpPIP°C, Pë PïCтPëP±P»PëP·PSPs PSP°
10 % CтPμP·CpP»ЧbC, P°C, Pë C, PμCfC, Cp PïC, „C, Pμ P· PsCfPSPsPIPSPëPj PïC-PeCтP°C, PsPj
PSP° PeCтPμP°C, PëPSC-PS.

P PμCfPïC-CтP°C, PsCтPSP° C, PsPeCfPëC±PSC-CfC, Чb

PμC-Pr C±P°Cf P»C-PeCpPIP°PSPSCII
CfCpP»ЧbC, P°PjPμC, PsPeCfP°P·PsP»PsPj/C, CтPëPjPμC, PsPiCтPëPjPsPj
PïPsPIC-PrPsPjP»CIIIP»PsCfCII PïCтPs PrCpP¶Pμ CтC-PrPeC-CfPSC- PIP°P¶PeC-
PIPëPiP°PrPePë CтPμCfPïC-CтP°C, PsCтPSPsC— C, PsPeCfPëC±PSPsCfC, C-, C%Ps
C-PSPsPrC- PïPμCтPμCтPsCfC, P°P»P° Cp PiPsCfC, CтPëPN
CтPμCfPïC-CтP°C, PsCтPSPëPN PrPëCfC, CтPμCf-CfPëPSPpCтPsPj (P" P P" PŸ).
P'PëPSPëPePSPμPSPSCII P»PμPiPμPSPμPIPëC... PïCтPsCIIPI-C-PI, C, P°PePëC... CIIPe
PeP°C€PμP»Чb, P»PëC...PsPjP°PSPeP° C, P° P·P°PrPëC€PeP° PI PïPsC" PrPSP°PSPSC- P·
CтPμPSC, PiPμPSPsP»PsPiC-C±PSPëPjPë PsP·PSP°PeP°PjPë P»PμPiPμPSPμPIPëC...
C-PSC, C-P»ЧbC, CтP°C, C-PI, C, P° PïPsPiC-CтC€PμPSPSCII P»PμPiPμPSPμPIPsC—
C, CpPSPeC†C-C— PjPsP¶CpC, Чb P±CpC, Pë PïPsPïPμCтPμPrPSC-PjPë PsP·PSP°PeP°PjPë
P" P P" PŸ. P—P° C, P°PePëC... PsP±CfC, P°PIPëPS P·P°CfC, PsCfCpPIP°PSPSCII
CfCpP»ЧbC, P°PjPμC, PsPeCfP°P·PsP»Cp/C, CтPëPjPμC, PsPiCтPëPjCp CfP»C-Pr
PïCтPëPiPëPSPëC, Pë C, P° PïCтPëP·PSP°C±PëC, Pë PIC-PrPïPsPIC-PrPSPμ
P»C-PeCpPIP°PSPSCII.

P" PμPjPsC, P°PiPsC†PëC, P°CтPSPëPN P»C-PjC, PsPiC-CfC, C-PsC†PëC, PsP· (P" P P")

P" CpP¶Pμ CтC-PrPePs PïPsPIC-PrPsPjP»CIIIP»PsCfCII PïCтPs PIPëPiP°PrPePë
PIPëPSPëPePSPμPSPSCII PiPμPjPsC, P°PiPsC†PëC, P°CтPSPsPiPs
P»C-PjC, PsPiC-CfC, C-PsC†PëC, PsP·Cp Cp PïP°C†C-C" PSC, C-PI, CIIPeC-
PsC, CтPëPjCpPIP°P»Pë CfCpP»ЧbC, P°PjPμC, PsPeCfP°P·PsP»/C, CтPëPjPμC, PsPiCтPëPj.
P" PμPjPsC, P°PiPsC†PëC, P°CтPSPëPN P»C-PjC, PsPiC-CfC, C-PsC†PëC, PsP· (P" P P") бT
C†Pμ PSPμP±PμP·PiPμC±PSPëPN PrP»CII P¶PëC, C, CII CfPëPSPpCтPsPj
PïP°C, PsP»PsPiC-C±PSPsC— C-PjCpPSPSPsC— P°PeC, PëPIP°C†C-C—, C%Ps
C...P°CтP°PeC, PμCтPëP·CpC" C, ЧbCfCII PeP»C-PSC-C±PSPëPjPë PsP·PSP°PeP°PjPë C, P°
CfPëPjPiC, PsPjP°PjPë PSP°PrPjC-CтPSPsPiPs CfPëCfC, PμPjPSPsPiPs

**P·P°PīP°P»PμPSPSCЦ (PSP°PīCḡPēPeP»P°Pr, P»PēC...PsPjP°PSPeP°,
 PiPμPīP°C,PsCīPīP»PμPSPsPjPμPīP°P»C-CЦ,
 PiC-PīPμCḡC,CḡPēPiP»C-C†PμCḡPēPrPμPjC-CЦ,
 PiC-PīPsC,,C-P±CḡPēPSPsPiPμPSPμPjC-CЦ, PIPēCīPsPePēPNᵒ CḡC-PIPμPSCḢ
 C,,PμCḡPēC,PēPSCī PI CīPēCḡPsPIP°C,C†C- PeCḡPsPIC-, C†PēC,PsPīPμPSC-CЦ C,P°
 PiPμPjPsC,,P°PiPsC†PēC,PsP·). PμP°C†C-C°PSC,C-PI, Cī CИPePēC...
 CḡPsP·PIPēPIP°CḢC,CḢCīCЦ CḡP°PSPSC- PīCḡPsCИPIPē PiP°C,PsP»PsPiC-C‡PSPsC—
 C-PjC†PSPSPsC— P°PeC,PēPIP°C†C-C—, CīP»C-Pr PSPμPiP°PNᵒPSPs
 PsP±CīC,PμP¶PēC,Pē. PīPeC%ᵒPs PrC-P°PiPSPsP· PiPμPjPsC,,P°PiPsC†PēC,P°CḡPSPēPNᵒ
 P»C-PjC,,PsPiC-CīC,C-PsC†PēC,PsP· PICīC,P°PSPsPIP»PμPSPēPNᵒ, P»C-PeC†PIP°PSPSCЦ
 CīC†P»CḢC,,P°PjPμC,PsPeCīP°P·PsP»PsPj/C,CḡPēPjPμC,PsPīCḡPēPjPsPj CīP»C-Pr
 PīCḡPēPiPēPSPeC,Pē.**

*P—P°CīC,PsCīCžPIP°PSPSCЦ Cž PiPμCḡC-PsPr PIP°PiC-C,PSPsCīC,C- P°P±Ps
 PiPsPrCžPIP°PSPSCЦ PiCḡCžPrPrCḢ.*

P'C-CīPμPīC,PsP»^{Bᵒ} PSPμ PjPsP¶PSP° P·P°CīC,PsCīPsPIC†PIP°C,Pē PI PiPμCḡC-PsPr
 PIP°PiC-C,PSPsCīC,C- C,P° PiPsPrC†PIP°PSPSCЦ PiCḡC†PrPrCḢ.

P—P°CīC,PsCīC†PIP°PSPSCЦ Cī PiPμCḡC-PsPr PIP°PiC-C,PSPsCīC,C-

PkPμPjP°C" PrPsCīC,PsPIC-CḡPSPeC... PrP°PSPeC... C%ᵒPsPrPs P·P°CīC,PsCīC†PIP°PSPSCЦ
 C,CḡPēPjPμC,PsPīCḡPēPjC† C,P° CīC†P»CḢC,,P°PjPμC,PsPeCīP°P·PsP»C† PIP°PiC-C,PSPēPj.
 P"PsCīP»C-PrP¶PμPSPSCЦ B«PIPēPiP°PrPsPeB- PePsPSC,CḡPsP»CḢB» PīPsPeP°P·P°P»Pē
 PjPsP¶P»PēPIPēPNᵒ P·PiBḡ™ CИP·PsPe PjC-P¶ PrC-C"Ḣ P°PSC,P°PiPsPSC-CīC,C-PI
 C,,PsP»C-C"PIPsC— PePēCīP»PsC,Pē C- PIPēPSPēPePSPμPSPSCЦPj PiPsC€PePsPrP¶PμPSCḢ Cī
 PiP»PsPrP°.

PŷCḡPēPjPμC,PsPīCḡPēPj C" P°PSC,P°PiPsPSC-CīC,PsPj C,,PsP»C-C"PIPsC— PePēCīP»PsC,Pē,
 C,P° Cī PrPsCīP»C-PrP¶PμPSPSCЦC..., C%ᵒPs PīCḡPsPIPsPrPēP»PēCīCЦ PSP°
 C,PIP°CḡPēPSP°C..., PsP±PēPrPIC- PrC-CḢC‡C- CḡPμC‡PsPIPēPSPē CīPīCḡPēC‡PēPSCЦP»Pē
 P°PSPsPjP°P»C-C— CḡPsP·PIPēC,PeC† PiP»PsPrP°.

PkPμ CīP»C-Pr P·P°CīC,PsCīPsPIC†PIP°C,Pē PePs-C,CḡPēPjP°PeCīPsP·PsP» Cī PiPμCḡC-PsPr
 PIP°PiC-C,PSPsCīC,C-, PsCīPsP±P»PēIPs Cī P† C,CḡPēPjPμCīC,CḡC-, PsPeCḡC-Pj
 PIPēPiP°PrPeC-PI P°P±CīPsP»CḢC,PSPsC— PSPμPsP±C...C-PrPSPsCīC,C-. PμCḡPē
 PSPμPsP±C...C-PrPSPsCīC,C- P·P°CīC,PsCīC†PIP°PSPSCЦ PePs-C,CḡPēPjP°PeCīPsP·PsP»C†
 PIP°PiC-C,PSPēPj, CīP»C-Pr CḡPsP·PiP»CИPSC†C,Pē PjPsP¶P»PēPIC-CīC,CḢ
 PrPsPrP°C,PePsPIPsPiPs P·P°CīC,PsCīC†PIP°PSPSCЦ C,,PsP»C-C"PIPsC— PePēCīP»PsC,Pē.

PŷC†P»CḢC,,P°PjPμC,PsPeCīP°P·PsP» PePsPSPeC†CḡC†C" P· P±C-P»C-CḡC†P±C-PSPsPj P·P°
 PjC-CīC†Pμ P·PiBḡ™ CИP·C†PIP°PSPSCЦ P· P°P»CḢP±C†PjC-PSP°PjPē PiP»P°P·PjPē PeCḡPsPIC-.
 PμCḡPē P·P°CīC,PsCīC†PIP°PSPSC- P»C-PeP°CḡCīCḢPePsPiPs P·P°CīPsP±C† PjP°C,PμCḡC-
 PiPμCḡPμPr PiPsP»PsPiP°PjPē P·PSP°C‡PSC- PePsPSC†PμPSC,CḡP°C†C-C— PiCḡPμPiP°CḡP°C,C†,
 PsC,CḡPēPjP°PSC- PIC-Pr PjP°C,PμCḡC-, P·P±PμCḡC-PiP°CḢC,CḢCīCЦ Cī
 PSPsPIPsPSP°CḡPsPrP¶PμPSPsPiPs PiCḡPsC,ЦPiPiPj PrPμPeC-P»CḢPePsC... PrPSC-PI, P°
 C,P°PePsP¶ C-CīPSC†C" CḡPēP·PēPe PsCīP°PrP¶PμPSPSCЦ P±C-P»C-CḡC†P±C-PSC† P°P±Ps
 PiPsCīPēP»PμPSPSCЦ PiC-PiPμCḡP±C-P»C-CḡC†P±C-PSPμPjC-C—, P· C†PēPj
 C,PμPsCḡPμC,PēC‡PSPs PiPsPiBḡ™ CИP·P°PSPēPNᵒ CḡPēP·PēPe CḡPsP·PIPēC,PeC†
 CИPrPμCḡPSPsC— P¶PsPIC,ЦPSPeC†C-. PhCīPsP±P»PēIPs C†Pμ CīC,PsCīC†C"C,CḢCīCЦ

PSPsPIPsPSP°CḡPsPrP¶PµPSPëC... PrC-C,PµPNᵇ P· PiC-PrPIPëC%PµPSPëPj CḡPëP·PëPePsPj CḡPsP·PIPëC,PeCr PiC-PiPµCḡP±C-P»C-CḡCrP±C-PSPµPjC-C—, C,P°PePëC... C¶Pe PSPµPrPsPSPsC€PµPSC- PrC-C,Pë C,P° PrC-C,Pë P· PrPµC,,C-C†PëC,PsPj PiP»CḡPePsP·Ps-6-C,,PsCḡC,,P°C,PrPµPiC-PrCḡPsPiPµPSP°P·Pë.

P—P°CḡC,PsCḡCrPIP°PSPSC¶ Cr PiPµCḡC-PsPr PiPsPrCrPIP°PSPSC¶ PiCḡCrPrPrCḡ

PḡPsPjPiPsPSPµPSC,Pë PePs-C,CḡPëPjPsPeCḡP°P·PsP»Cr (C,CḡPëPjPµC,PsPiCḡPëPj C-CḡCrP»CHC,,P°PjPµC,PsPeCḡP°P·PsP») PiCḡPsPSPëPeP°CḡC,CH Cr PiCḡCrPrPSPµ PjPsP»PsPePs. PŸP»C-Pr CrPSPëPeP°C,Pë P·P°CḡC,PsCḡCrPIP°PSPSC¶ PePs-C,CḡPëPjPsPeCḡP°P·PsP»Cr PSP° PiC-P·PSC-C... PµC,P°PiP°C... PIP°PiC-C,PSPsCḡC,C- C,P° Cr PiPµCḡC-PsPr PiPsPrCrPIP°PSPSC¶ PiCḡCrPrPrCḡ, P° C,P°PePsP¶ PjP°C,PµCḡC¶Pj P°P±Ps PSPµPjPsPIP»C¶C,P°Pj P· PiC-PiPµCḡP±C-P»C-CḡCrP±C-PSPµPjC-C”Cḡ P°P±Ps CḡPëP·PëPePsPj C—C— CḡPsP·PIPëC,PeCr. PḡCḡC-Pj C,PsPiPs CḡP»C-Pr CrPSPëPeP°C,Pë P·P°CḡC,PsCḡCrPIP°PSPSC¶ PePs-C,CḡPëPjPsPeCḡP°P·PsP»Cr PrC-C,C¶Pj PIC-PePsPj PrPs PIPsCḡCHPjPë C,PëP¶PSC-PI, P·PIP°P¶P°CḡC†Pë PSP° CḡPëP·PëPe CḡPsP·PIPëC,PeCr PiC-PiPµCḡP±C-P»C-CḡCrP±C-PSPµPjC-C— PSPsPIPsPSP°CḡPsPrP¶PµPSPëC....

PḡPs-C,CḡPëPjPsPeCḡP°P·PsP» PSPµ CḡP»C-Pr P·P°CḡC,PsCḡPsPICrPIP°C,Pë Cr PSPµPjPsPIP»C¶C, PiCḡPsC,C¶PiPsPj PiPµCḡC€PëC... 6 C,PëP¶PSC-PI P¶PëC,C,C¶.B

P—PrP°C,PSC-CḡC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CḡC,CH CḡPµP°PeC†C-C— PiCḡPë PePµCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.

P>C-PeP°CḡCḡCHPePëPNᵇ P·P°CḡC-P± PSPµ P·CrPjPsPIP»CḡC” P·PSPëP¶PµPSPSC¶ PiCḡPëC...PsC,,C-P·PëC†PSPsC— P°PeC,PëPIPSsCḡC,C- C,P° P·PrP°C,PSPsCḡC,C- PePµCḡCrPIP°C,Pë C,CḡP°PSCḡPiPsCḡC,PSPëPjPë P·P°CḡPsP±P°PjPë C-PsP±CḡP»CrPiPsPICrPIP°C,Pë PjPµC...P°PSC-P·PjPë.

PiPeC%Ps PiC-Pr C†P°Cḡ P»C-PeCrPIP°PSPSC¶ CḡPsP·PIPëPIP°CḡC,CHCḡC¶ PiPsP±C-C†PSC-PµC,,PµPeC,Pë P· P±PsPeCr PSPµCḡPIPsPIPsC— CḡPëCḡC,PµPjPë (P·P°PiP°PjPsCḡPsC†PµPSPSC¶, PiPsP»PsPIPSPëPNᵇ P±C-P»CH, CḡCrPrPsPjPë, PSPµCḡPIPsP·PSC-CḡC,CH, PIC-PrC†CrC,C,C¶ PIC,PsPjPë), C%Ps PjPsP¶Pµ P·CrPjPsPIPëC,Pë P·PSPëP¶PµPSPSC¶ C€PIPëPrPePsCḡC,C- PiCḡPëC...PsPjPsC,PsCḡPSPëC... CḡPµP°PeC†C-PNᵇ, CḡP»C-Pr CrPSPëPeP°C,Pë PePµCḡCrPIP°PSPSC¶ P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj C,P° CḡPsP±PsC,Pë B P·C-CḡPeP»P°PrPSPëPjPë PjPµC...P°PSC-P·PjPë.

PŸPiPsCḡC-P± P·P°CḡC,PsCḡC¿PIP°PSPSC¶ C,P° PrPsP·Pë.

P”PsCḡPsCḡP»C- C- PrC-C,Pë PIC-PePsPj PIC-Pr 12 CḡPsPeC-PI. P—PIPëC†P°PNᵇPSP° PiPsC†P°C,PePsPIP° PrPsP·P° CḡC,P°PSPsPIPëC,CH 2 C,P°P±P»PµC,PePë P’C-CḡPµPiC,PsP»Cr^{B®} 400 PjPi / 80 PjPi P°P±Ps 8 C,P°P±P»PµC,PsPe P’C-CḡPµPiC,PsP»Cr^{B®} 100 PjPi / 20 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cr (PICḡP°PSC†C- C,P° PIPIPµC†PµCḡC-). PµCḡPëPNᵇPjP°C,Pë PiC-CḡP»C¶ C—PrPë, P·P°PiPëPIP°C,Pë PIPµP»PëPePsCḡ PeC-P»CHPeC-CḡC,Cḡ CḡC-PrPëPSPë. PµCḡPë C,C¶P¶PePëC... C-PSC,,PµPeC†C-C¶C... PjPsP¶PSP° PiCḡPëP·PSP°C†P°C,Pë PIPëC%C- PrPsP±PsPIC- PrPsP·Pë Bḡ” PrPs 3 C,P°P±P»PµC,PsPe P’C-CḡPµPiC,PsP»Cr^{B®} 400 PjPi / 80 PjPi P°P±Ps 12 C,P°P±P»PµC,PsPe P’C-CḡPµPiC,PsP»Cr^{B®} 100 PjPi / 20 PjPi 2 CḡP°P·Pë PSP°

PrPsP±Cf. P"»CЦ PiC-PrC, CґPөPjCfPIP°P»CHBSPSc— C, PмCґP°PiC-C—
C, CґPөPIP°P»C-CfC, Cґ P±C-P»CHC€Pм 14 PrPSC-PI CґPмPePsPjPмPSPPrCfC"C, CHCfCЦ
PiCґPөPNөPjP°C, Pө PiPs 1 C, P°P±P»PмC, C†C- P'C-CfPмPiC, PsP»Cf^{B®} 400 PjPi / 80 PjPi P°P±Ps 4
C, P°P±P»PмC, PePө P'C-CfPмPiC, PsP»Cf^{B®} 100 PjPi / 20 PjPi 2 CґP°P·Pө PSP° PrPsP±Cf. B

P"C-C, Pө 6-12 CґPsPeC-PI. P PмPePsPjPмPSPPrPsPIP°PSP° PrPsP±PsPIP° PrPsP·P° PrP»CЦ
PrC-C, PмPNө CfC, P°PSPsPIPөC, CH 6 PjPi C, CґPөPjPмC, PsPiCґPөPjCf C, P° 30 PjPi
CfCfP»CHC, „P°PjPмC, PsPeCfP°P·PsP»Cf PSP° 1 PePi PjP°CfPө C, C-P»P°. PiCґ PrPsP·Cf
CfP»C-Pr CґPsP·PiPsPrC-P»PөC, Pө PSP° PrPIP° PiCґPөPNөPsPjPө.

P PмPePsPjPмPSPPrPsPIP°PSP° PrPsP±PsPIP° PrPsP·P° PrP»CЦ PrC-C, PмPNө PIC-PePsPj PIC-Pr 6
PrPs 12 CґPsPeC-PI CfC, P°PSPsPIPөC, CH 1 C, P°P±P»PмC, PeCf P'C-CfPмPiC, PsP»Cf^{B®} 400 PjPi /
80 PjPi P°P±Ps 4 C, P°P±P»PмC, PePө P'C-CfPмPiC, PsP»Cf^{B®} 100 PjPi / 20 PjPi 2 CґP°P·Pө PSP°
PrPsP±Cf.

P"C-C, CЦPj PIC-PePsPj PrPs 6 CґPsPeC-PI CґPмPePsPjPмPSPPrCfC"C, CHCfCЦ
PiCґPөP·PSP°C†P°C, Pө C-PSC€C- P»C-PeP°CґCfCHPeC- C, „PsCґPjPө PePs-
C, CґPөPjPsPeCfP°P·PsP»Cf (CfCfCfPiPмPSP·C-CЦ).

PґCґPөPIP°P»C-CfC, CH PeCзCґCfCз P»C-PeCзPIP°PSPSCЦ PiCґPө PiPsCfC, CґPөC...
C-PSC, „PмPeC†C-CЦC..., P·P° PIPөPSCЦC, PePsPj PiPsPSPsCґPмC—, PjP°C" CfC, P°PSPsPIPөC, PөB
C%PsPSP°PNөPjPмPSC€Pм 5 PrC-P± P°P±Ps C%Pм 2 PrPSC- PiC-CfP»CЦ P·PSPөPePSPмPSPSCЦ
CfPөPjPiC, PsPjC-PI P·P°C...PIPsCґCґPIP°PSPSCЦ. PґCґPөPrPмPSPSPөPNө PeCfCґCf
P»C-PeCfPIP°PSPSCЦ PjPsP¶Pм P±CfC, Pө PrPsCfC, P°C, PSC-Pj PrP»CЦ P¶C-PSPsPe P·
PSPмCfCfPeP»P°PrPSPмPSPөPj PiPsCfC, CґPөPj C†PөCfC, PөC, PsPj. PhPrPSP°Pe PrC-C, CЦPj
PiCґPө C†CHPsPjCf P·P°C...PIPsCґCґPIP°PSPSC- CґPмPePsPjPмPSPPrCfC"C, CHCfCЦ
P·P°CfC, PsCfPsPICfPIP°C, Pө P»C-PeP°CґCfCHPePөPNө P·P°CfC-P± PiCґPsC, CЦPiPsPj 5-7
PrPSC-PI. PмCґPө PiPsCfC, CґPsPjCf P±CґCfC†PмP»CHPsP·C- C, CґPөPIP°P»C-CfC, CH
P»C-PeCfPIP°PSPSCЦ PjP°C" CfC, P°PSPsPIPөC, Pө PSPм PjPмPSC€Pм 4 C, PөP¶PSC-PI, P° PiCґPө
PSPsPeP°CґPrC-PsP·C- вґґ PSP°PIC-C, CH P±C-P»CHC€Pм (PiPs 6-8 C, P°P±P»PмC, PsPe
P'C-CfPмPiC, PsP»Cf^{B®} 400 PjPi / 80 PjPi PiCґPsC, CЦPiPsPj 3 PjC-CfCЦC†C-PI).

P»C-PeCfPIP°PSPSCЦ PiPSPмPIPjPsPSC-C—, CfPiCґPөC†PөPSPмPSPsC— *Pneumocystis jirovecii*.
Cf PrPsCґPsCfP»PөC... C, P° PrC-C, PмPNө:

CґPмPePsPjPмPSPPrPsPIP°PSP° PrPsP·P° PePs-C, CґPөPjPsPeCfP°P·PsP»Cf PrP»CЦ PsCfC-P± P·
PiC-PrC, PIPмCґPrP¶PмPSPөPj P·P°PiP°P»PмPSPSCЦPj CfC, P°PSPsPIPөC, CH 90вґґ"120 PjPi/PePi
PjP°CfPө C, C-P»P° PSP° PrPsP±Cf, CЦPeC- C, CґPмP±P° PiCґPөPNөPjP°C, Pө PePsP¶PSC- 6
PiPsPrPөPS PiCґPsC, CЦPiPsPj 21 PrPSCЦ.

PґP°P±P»PөC†CЦ 1. PґP°PeCfPөPjP°P»CHBSC- PrPsP·Pө PiCґPмPiP°CґP°C, Cf
P'C-CfPмPiC, PsP»B® PI P·P°P»PмP¶PSPsCfC, C- PIC-Pr PjP°CfPө C, C-P»P° PiP°C†C-C"PSC, C-PI
P· PiPSPмPIPjPsPSC-C"CH, CfPiCґPөC†PөPSPмPSPsCґ *Pneumocystis jirovecii*. B B B

PґP°CfP° C, C-P»P° [PePi]	P"PsP·P°, C%Ps P·P°CfC, PsCfPsPICfC"C, CHCfCЦ PePsP¶PSC- 6 PiPsPrPөPS (PjPi PePs- C, CґPөPjPsPeCfP°P·PsP»Cf)
------------------------------	--

16	480
24	720
32	960
40	1200
48	1440
64	1920
80	2400

P''P»CΠ ΠiCΠPsC,,C-P»P°PeC,PëPePë C,P° P»C-PeCrPIP°PSPSCΠ C,PSPeCΠPsPiP»P°P·PjPsP·Cí
PjPsPΠPSP° P·P°CíC,PScíPsPICrPIP°C,Pë CíC...PμPjCí PrPsP·CíPIP°PSPSCΠ PrP»CΠ
P»C-PeCrPIP°PSPSCΠ ΠiPSPμPIPjPsPSC-C—, CíΠiCΠPëC±PëPSPμPSPsC— *Pneumocystis jirovecii*
(PrPëPI. PIPëC%Pμ).

PμCΠPë PSPμCíCíPeP»P°PrPSPμPSC-PNë ΠiPsPSPsCΠPμC— PjPsPΠP»PëPIPëPNë
PsPrPSPsPrPμPSPSPëPNë PeCíCΠCí P»C-PeCrPIP°PSPSCΠ BΠ'' ΠiPs 5 C,P°P±P»PμC,PSPe
P'C-CíPμPiC,PSP»Cí^{B®} 400 PjPi / 80 PjPi 2 CΠP°P·Pë PSP° PrPsP±Cí (PICΠP°PSC±C- C,P°
PIPIPμC±PμCΠC-) P°P±Ps PrPIPsPrPμPSPSPëPNë PeCíCΠCí P»C-PeCrPIP°PSPSCΠ BΠ'' ΠiPs 4
C,P°P±P»PμC,PëPë P'C-CíPμPiC,PSP»Cí^{B®} 400 PjPi / 80 PjPi 2 CΠP°P·Pë PSP° PrPsP±Cí.

PμCΠPsC,,C-P»P°PeC,PëPeP° C-PSC,,PμPeC±C-PNë, CíΠiCΠPëC±PëPSPμPSPëC... *Pneumocystis*
*jirovecii*B

P''PsCΠPsCíP»C- C,P° PrC-C,Pë PIC-PePsPj PIC-Pr 12 CΠPsPeC-PI: 960 PjPi PePs-
C,CΠPëPjPsPeCíP°P·PsP»Cí (8 C,P°P±P»PμC,PSPe P'C-CíPμPiC,PSP»CíB® 120 P°P±Ps 2
C,P°P±P»PμC,PëPë P'C-CíPμPiC,PSP»CíB® 480) 1 CΠP°P· PSP° PrPsP±Cí, ΠiCΠPsC,CΠPiPsPj 7
PrPSC-PI. Pj CΠP°P·C- ΠiPsPiP°PSPsC— ΠiPμCΠPμPSPsCíPëPjPsCíC,C- P·P°CíPsP±Cí
PjPsPΠPSP° CΠPsP·PiP»CΠPSCíC,Pë P·PjPμPSC€PμPSPSCΠ PrPsP±PsPIPsC— PrPsP·Pë PrPs 480
PjPi.

P''C-C,Pë 6-12 CΠPsPeC-PI: 900 PjPi PePs-C,CΠPëPjPsPeCíP°P·PsP»Cí/Pj² ΠiPsPIPμCΠC...PSC-
C,C-P»P° PSP° PrPsP±Cí Cí PrPIPsC... CΠC-PIPSPëC... PrPsP·P°C... PePsPΠPSC- 12 ΠiPsPrPëPS
ΠiCΠPsC,CΠPiPsPj 3 PrPSC-PI ΠiC-PrCΠCΠPr.

PÿP°P±P»PëC±CΠ 2. P''PsP·Pë P·P°CíPsP±Cí P'C-CíPμPiC,PSP»B®,
CΠPμPePsPjPμPSPPrPsPIP°PSC- PrC-C,CΠPj Cí ΠiCΠPsC,,C-P»P°PeC,PëC±C- ΠiPSPμPIPjPsPSC-C—,
CíΠiCΠPëC±PëPSPμPSPsC— *Pneumocystis jirovecii*

PμPsPIPμCΠC...PSCΠ C,C-P»P° [Pj ²]	P''PsP·P°, C%Ps P·P°CíC,PScíPsPICrC''C,CΠCíCΠ PePsPΠPSC- 12 ΠiPsPrPëPS (PjPi PePs- C,CΠPëPjPsPeCíP°P·PsP»Cí)
0,53	240
1,06	480

PñCíPsP±P»PëPIC- ΠiCΠC±PiPë ΠiP°C±C-C''PSC,C-PI

PμP°C±C-C''PSC,P°Pj C-P· ΠiPsCΠC±C€PμPSPSCΠPj C,,C±PSPeC±C-C— PSPëCΠPsPe PrPsP·Cí

PjPsP¶PSP° PíC-PrP±PëC¶P°C,Pë P·P° C,P°PePsC¶ CíC...PµPjPsC¶ (PrPsC¶PSCíP»C- C-PrC-C,Pë PIC-PePsPj PIC-Pr 12 C¶PSPeC-PI):

P C-PIPµPSC¶ PeC¶PµP°C,PëPSC-PSCí Cí CíPëC¶PSPIP°C,C†C- PeC¶PSPIC-		P°PsP±PsPIP° PrPsP·P° (% PIC-Pr P·PIPëC†P°PNëPSPsC— PrPsP·Pë)	PSP°CíC,PsC,P° P·P°CíC,PsCíCíPIP°PSPSC¶
P¶P»C-C¶PµPSCí PeC¶PµP°C,PëPSC-PSCí, PjP»/C...PI	P¶P»C-C¶PµPSCí PeC¶PµP°C,PëPSC-PSCí, mPjPsP»CH/P»		
> 25	P§PsP»PsPIC-PePë: < 265 P-C-PSPePë: < 175	100	P¶PsP¶PSC- 12 PiPsPrPëPS
15B¶"25	P§PsP»PsPIC-PePë: 265-620 P-C-PSPePë: 175-400	50	P¶PsP¶PSC- 12 P°P±Ps 24 PiPsPrPëPSPë
< 15	P§PsP»PsPIC-PePë: > 620 P-C-PSPePë: > 400	P¶P»C-Pr CíPSPëPeP°C,Pë P·P°CíC,PsCíCíPIP°PSPSC¶ P»C-PeP°C¶CíCHPePsPiPs P·P°CíPsP±Cí, PeC¶C-Pj PIPëPiP°PrPeC-PI, PePsP»Pë PiC¶PSPiPsPrPëC,CHCíC¶ PiPµPjPsPrC-P°P»C-P.	

P'PëPjC-C¶C¶PIP°PSPSC¶ PiP»P°P·PjPsPIPsC— PePsPSC†PµPSC,C¶P°C†C-C—
CíCíP»CHC,,P°PjPµC,PsPeCíP°P·PsP»Cí C¶PµPePsPjPµPSPPrCíC"C,CHCíC¶
PiC¶PSPiPsPrPëC,Pë C†PµC¶PµP· 2-3 PrPSC- P»C-PeCíPIP°PSPSC¶ (C†PµC¶PµP· 12 PiPsPrPëPS
PiC-CíP»C¶ PiC¶PëPNëPsPjCí P»C-PeP°C¶CíCHPePsPiPs P·P°CíPsP±Cí). PiPeC%Ps
PiP»P°P·PjPsPIP° PePsPSC†PµPSC,C¶P°C†C-C¶ CíCíP»CHC,,P°PjPµC,PsPeCíP°P·PsP»Cí
PrPsCíC¶PiP°C" 150 PjPePi/PjP»,B P»C-PeCíPIP°PSPSC¶ CíP»C-Pr PiC¶PëP·CíPiPëPSPëC,Pë
PrPs C,PsPiPs C†P°CíCí, PiPsPePë PePsPSC†PµPSC,C¶P°C†C-C¶
CíCíP»CHC,,P°PjPµC,PsPeCíP°P·PsP»Cí PSPµ P·PjPµPSCëPëC,CHCíC¶ PrPs 120 PjPePi/PjP».B

PµP°C†C-C"PSC,Pë, C¶PePëPj C¶PµPiC¿P»C¶C¶PSPs PiC¶PSPiPsPrPëC,CHCíC¶
PiPµPjPsPrC-P°P»C-P·, PiPsPIPëPSPSC- PsC,C¶PëPjCíPIP°C,Pë 50 % PIC-Pr
P·PIPëC†P°PNëPSPsC— PrPsP·Pë P»C-PeP°C¶CíCHPePsPiPs P·P°CíPsP±Cí PiPµC¶PµPr
PiPµPjPsPrC-P°P»C-P·PsPj C- PiPsP»PsPIPëPSCí PIC-Pr P·P°CíC,PsCíPsPIP°PSPsC— PrPsP·Pë
PiC-CíP»C¶ P·P°PeC-PSC†PµPSPSC¶ C†C-C"C— PiC¶PSC†PµPrCíC¶Pë. P"¶PµPjPsPrC-P°P»C-P·
C,C¶PëPIP°C" 4 PiPsPrPëPSPë, PiC¶PSC,C¶PiPsPj C¶PePëC... P· PsC¶PiP°PSC-P·PjCí
PIPëPiPsPrPëC,CHCíC¶ 44 % C,C¶PëPjPµC,PsPiC¶PëPjCí C- 57 %
CíCíP»CHC,,P°PjPµC,PsPeCíP°P·PsP»Cí. PµC¶PµPiP°C¶P°C, PSPµ
C¶PµPePsPjPµPSPPrCíC"C,CHCíC¶ P·P°CíC,PsCíPsPICíPIP°C,Pë Cí PrPSC-, PePsP»Pë
PiPµPjPsPrC-P°P»C-P· PSPµ PiC¶PSPiPsPrPëC,CHCíC¶.

P— PsCíPsP±P»PëPiPsC¶ PsP±PµC¶PµP¶PSC-CíC,C¶ CíP»C-Pr P·P°CíC,PsCíPsPICíPIP°C,Pë
P'C-CíPµPiC,PsP»^{B®} PiP°C†C-C"PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeC¿, B PsCíPeC-P»CHPePë Cí
C†C-C"C— PeP°C,PµPiPsC¶C-C— PiP°C†C-C"PSC,C-PI C†P°CíC,C-CëPµ
C¶PSP·PIPëPIP°C¶C,CHCíC¶ PiPsP±C-C†PSC- C¶PµP°PeC†C-C—, PsCíPsP±P»PëPiPs PI
PsCíC-P± P· PSPëC¶PePsPIPsC¶ P°P±Ps PiPµC†C-PSPePsPIPsC¶ PSPµPrPsCíC,P°C,PSC-CíC,C¶
P°P±Ps PiC¶Pë CíCíPiCíC,PSCHPsPjCí P·P°CíC,PsCíCíPIP°PSPSC- C-PSCëPëC...
P»C-PeP°C¶CíCHPePëC... P·P°CíPsP±C-PI.

P"C-C,Pë.

P>C-PeP°CḡCḡCHḡPePëPNḡ P·P°CḡC-P± Cḡ C,,PsCḡPjC- C,P°P±P»PμC,PsPe
P·P°CḡC,PsCḡPsPICḡCḡC,CHḡ PrP»Cḡ P»C-PeCḡPIP°PSPSCḡ PrC-C,PμPNḡ PIC-PePsPj PIC-Pr 6
CḡPsPeC-PI. P”C-C,CḡPj PrPs 6 CḡPsPeC-PI P·P° PSPμPsP±C...C-PrPSPsCḡC,C-
P·P°CḡC,PsCḡPsPICḡCḡC,CHḡ C-PSC€C- P»C-PeP°CḡCḡCHḡPeC- C,,PsCḡPjPë
P»C-PeP°CḡCḡCHḡPePsPiPs P·P°CḡPsP±Cḡ (CḡCḡCḡPīPμPSP·C-Cḡ).

PμPμCḡPμPrPsP·CḡPIP°PSPSCḡ.

PḡPμPIC-PrPsPjPs, CḡPeP° PrPsP·P° P’C-CḡPμPīC,PsP»Cḡ^{B®} PjPsPḡPμ P±CḡC,Pë
PSPμP±PμP·PīPμCḡPSPsCḡ PrP»Cḡ PḡPëC,C,Cḡ. PμCḡPë PīPμCḡPμPrPsP·CḡPIP°PSPSC-
CḡCḡP»CHḡC,,P°PSC-P»P°PjC-PrC-PI CḡPīPsCḡC,PμCḡC-PiP°C”C,CHḡCḡCḡ
PIC-PrCḡCḡC,PSC-CḡC,CHḡ P°PīPμC,PëC,Cḡ, PePsP»C-PePsPīPsPrC-P±PSPëPNḡ P±C-P»CHḡ,
PSCḡPrPsC,P°, P±P»CḡPIP°PSPSCḡ, PrC-P°CḡPμCḡ, P·P°PīP°PjPsCḡPsCḡPμPSPSCḡ,
PīPsP»PsPIPSPëPNḡ P±C-P»CHḡ, CḡPsPSP»PëPIC-CḡC,CHḡ, PIC,CḡP°C,P° CḡPIC-PrPsPjPsCḡC,C-.
PḡPsPḡPμ P·Bḡ[™] CḡPIPëC,PëCḡCḡ PīCḡPsPīP°CḡPSPëCḡCḡ, PīPμPjP°C,CḡCḡC-Cḡ C,P°
PeCḡPëCḡC,P°P»CḡCḡC-Cḡ, PīCḡPë C...CḡPsPSC-CḡPSPsPjCḡ PīPμCḡPμPrPsP·CḡPIP°PSPSC-
PjPsPḡPμ CḡPsP·PIPëPSCḡC,PëCḡCḡB PīCḡPëPīPSC-CḡPμPSPSCḡ C,,CḡPSPëCḡC-C—
PeC-CḡC,PePsPIPsiPs PjPsP·PeCḡ, PīPμPīP°C,PëC,.

PμCḡPë PīPsCḡC,CḡPsPjCḡ PīPμCḡPμPrPsP·CḡPIP°PSPSC- C,CḡPëPjPμC,PsPīCḡPëPjCḡ PjPsPḡPμ
PIPëPSPëPePSCḡC,Pë PSCḡPrPsC,P°, P±P»CḡPIP°PSPSCḡ, P·P°PīP°PjPsCḡPsCḡPμPSPSCḡ,
PīPsP»PsPIPSPëPNḡ P±C-P»CHḡ, PīCḡPëC...C-CḡPSP° PrPμPīCḡPμCḡC-Cḡ,
CḡPīP»CḡC,P°PSC-CḡC,CHḡ CḡPIC-PrPsPjPsCḡC,C-, PīCḡPëPīPSC-CḡPμPSPSCḡ C,,CḡPSPëCḡC-C—
PeC-CḡC,PePsPIPsiPs PjPsP·PeCḡ.

PμCḡPë PīPsCḡPIC- CḡPëPjPīC,PsPjC-PI PīPμCḡPμPrPsP·CḡPIP°PSPSCḡ PSPμPsP±C...C-PrPSPs
PīCḡPëPīPëPSPëC,Pë P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCHḡPePsPiPs P·P°CḡPsP±Cḡ,
PIPëPeP»PëPeP°C,Pë P±P»CḡPIP°PSPSCḡ, PīCḡPëPNḡPSCḡC,Pë PIPμP»PëPeCḡ
PeC-P»CHḡPeC-CḡC,CHḡ CḡC-PrPëPSPë, CḡPeC%Ps PrC-CḡCḡPμP· PSPμPrPsCḡC,P°C,PSC-PNḡ,
P° C,,CḡPSPëCḡC-Cḡ PSPëCḡPsPe PSPsCḡPjP°P»CHḡPSP°. PμC-PrPePëCḡP»PμPSPSCḡ CḡPμCḡC-
PīCḡPëCḡPePsCḡPëC,CHḡ PIPëPIPμPrPμPSPSCḡ C,CḡPëPjPμC,PsPīCḡPëPjCḡ, P°P»Pμ PjPsPḡPμ
P·P±C-P»CHḡCḡPëC,Pë CḡPëP·PëPe PeCḡPëCḡC,P°P»C-P·P°CḡC-C—
CḡCḡP»CHḡC,,P°PSC-P»P°PjC-PrCḡ PI PSPëCḡPeP°C.... PḡP»C-Pr PePsPSC,CḡPsP»CḡPIP°C,Pë
PeP°CḡC,PëPSCḡ PeCḡPsPIC-, PμP»PμPeC,CḡPsP»C-C,Pë CḡPëCḡPsPIP°C,PePë C,P° C-PSC€C-
P±C-PsC...C-PjC-CḡPSC- PīPsPeP°P·PSPëPePë C...PIPsCḡPsPiPs. PμCḡPë PīPsCḡPIC-
CḡCḡPePsPrPḡPμPSPSCḡ PeC-CḡC,PePsPIPsiPs PjPsP·PeCḡ P°P±Ps CḡPëPjPīC,PsPjC-PI
PīPμPīP°C,PëC,Cḡ CḡP»C-Pr P·P°CḡC,PsCḡCḡPIP°C,Pë C,PëPīPsPIPμ Cḡ C,P°PePëC...
PIPëPīP°PrPeP°C... P»C-PeCḡPIP°PSPSCḡ. P”PμPjPsPrC-P°P»C-P·
PjP°P»PsPμC,,PμPeC,PëPIPSPëPNḡ. PμPμCḡPëC,PsPSPμP°P»CHḡPSPëPNḡ PrC-P°P»C-P· Bḡ“
PSPμPμC,,PμPeC,PëPIPSPëPNḡ.

PμCḡPë C...CḡPsPSC-CḡPSPsPjCḡ PsC,CḡCḡC”PSPSC- CḡPīPsCḡC,PμCḡC-PiP°C”C,CHḡCḡCḡ
PīCḡPëPīPSC-CḡPμPSPSCḡ C,,CḡPSPëCḡC-C— CḡPīPëPSPSPsiPs PjPsP·PeCḡ,
PjP°PSC-C,,PμCḡC,CḡCḡCḡC- C,CḡPsPjP±PsCḡPëC,PsPīPμPSC-Cḡ, P»PμPNḡPePsPīPμPSC-Cḡ
P°P±Ps PjPμPīP°P»PsP±P»P°CḡC,PSP° P°PSPμPjC-Cḡ. P’ C,P°PePsPjCḡ PIPëPīP°PrPeCḡ CḡP»C-Pr
P·P°CḡC,PsCḡCḡPIP°C,Pë P»PμPNḡPePsPIPsiPsCḡPëPS (5 – 15 PjPi PSP° PrPsP±Cḡ).

PμPsP±C-CḡPSC- CḡPμP°PeCḡC-C—.

$P - PrP_{\mu}P \pm C - P \gg CHC\epsilon PsPiPs$ $PIC - Pr\ddot{P}iPsPIC - PrPSC - PrP^{\circ}PSC - PrP \gg C\dot{I} PsC\dot{I}C - PSPeP\ddot{e}$
 $C\ddot{I}P^{\circ}C\dot{I}C, PsC, P\ddot{e}$ $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\dot{I} P\ddot{i}PsP \pm C - C\ddot{I}PSP\ddot{e}C \dots$ $C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - P\ddot{N}_{\epsilon}$ $PSP_{\mu}P \pm CrP \gg P\ddot{e}$
 $PrPsC\dot{I}C, Cr\ddot{P}iPSC -$. $P\ddot{N}_{\epsilon}C\dot{H}C - Pj C, PsPiPs$ $C\ddot{I}P^{\circ}C\dot{I}C, PsC, P^{\circ}$ $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\dot{I}$
 $P \cdot P^{\circ}P \gg P_{\mu}P\dot{I}P\ddot{e}C, CH$ $PIC - Pr$ $PSPsP \cdot PsP \gg PsPiC - C -$, $P\ddot{i}C\dot{H}P\ddot{e}$ $C\dot{I}PeC - P\ddot{N}_{\epsilon}$
 $P\ddot{i}C\dot{H}P\ddot{e}P \cdot PSP^{\circ}C\ddot{I}P^{\circ}C \dots$, $CHC\dot{I}C\dot{I} P \gg C - PeP^{\circ}C\dot{H}C\dot{I}CHPeP\ddot{e}P\ddot{N}_{\epsilon}$ $P \cdot P^{\circ}C\dot{I}C - P \pm$.

$P^{\circ}P^{\circ}PSC - P\ddot{i}C\dot{H}Ps$ $P\ddot{i}PsP \pm C - C\ddot{I}PSC - C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - C -$ $P \cdot C\ddot{I}P^{\circ}C\dot{I}C, PsC, PsC\dot{H}$ $PIC - Pr$ $B \ll PrCrP\dot{I}P_{\mu}$
 $C\ddot{I}P^{\circ}C\dot{I}C, PsB \gg$ $PrPs$ $B \ll C\dot{H}C - PrPePsB \gg$ $PjC - C\dot{I}C, C\dot{I}C, CHC\dot{I}C\dot{I} PI$ $PsP\ddot{i}CrP \pm P \gg C - PePsPIP^{\circ}PSP\ddot{e}C \dots$
 $PjP^{\circ}C\dot{I}C\epsilon C, P^{\circ}P \pm PSP\ddot{e}C \dots$ $PeP \gg C - PSC - C\ddot{I}PSP\ddot{e}C \dots$ $PrPsC\dot{I}P \gg C - PrP\dot{I}P_{\mu}PSPSC\dot{I}C \dots$ $P^{\circ}CrP\dot{I}P_{\mu}$
 $C\dot{H}C - PrPeC - P\ddot{i}PsP \pm C - C\ddot{I}PSC - C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - C -$ $C\dot{I}P\ddot{i}PsC\dot{I}C, P_{\mu}C\dot{H}C - P\ddot{i}P^{\circ}P \gg P\ddot{e}C\dot{I}C\dot{I}$, $P\ddot{i}P_{\mu}C\dot{H}C\epsilon$
 $P \cdot P^{\circ}$ $PIC\dot{I}P_{\mu}$, $P\ddot{i}C - Pr$ $C\ddot{I}P^{\circ}C\dot{I}$ $P\ddot{i}PsC\dot{I}C, PjP^{\circ}C\dot{H}PeP_{\mu}C, P\ddot{e}PSP\ddot{i}PsPIP\ddot{e}C \dots$
 $C\dot{I}P\ddot{i}PsC\dot{I}C, P_{\mu}C\dot{H}P_{\mu}P\dot{I}P_{\mu}PSC\dot{H}$.

$P^{\circ}P \gg C\dot{I} PeP \gg P^{\circ}C\dot{I}P\ddot{e}C, C - PeP^{\circ}C\dot{I}C - C -$ $P\ddot{i}PsP \pm C - C\ddot{I}PSP\ddot{e}C \dots$ $C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - P\ddot{N}_{\epsilon}$ $P \cdot P^{\circ}$
 $C\ddot{I}P^{\circ}C\dot{I}C, PsC, PsC\dot{H}$ $C - C \dots$ $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\dot{I} P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPICrC \dots$, $CHC\dot{I}C\dot{I} C, P^{\circ}PeP^{\circ}$
 $C\epsilon PeP^{\circ}P \gg P^{\circ}$: $PrCrP\dot{I}P_{\mu}$ $C\ddot{I}P^{\circ}C\dot{I}C, Ps \geq 1/10$, $C\ddot{I}P^{\circ}C\dot{I}C, Ps \geq 1/100$ $C, P^{\circ} < 1/10$, $PSP_{\mu}C\ddot{I}P^{\circ}C\dot{I}C, Ps \geq$
 $1/1000$ $C, P^{\circ} < 1/100$, $C\dot{H}C - PrPePs \geq 1/10\ 000$ $C, P^{\circ} < 1/1000$, $PrCrP\dot{I}P_{\mu}$ $C\dot{H}C - PrPePs < 1/10\ 000$,
 $C\ddot{I}P^{\circ}C\dot{I}C, PsC, P^{\circ}$ $PSP_{\mu}PIC - PrPsPjP^{\circ}$ $\gg$ $PSP_{\mu}PjPsP\dot{I}P \gg P\ddot{e}PIPs$ $PsC\dot{I}C - PSP\ddot{e}C, P\ddot{e}$ $C\ddot{I}P^{\circ}C\dot{I}C, PsC, Cr$
 PSP° $PsC\dot{I}PSPsPIC - PSP^{\circ}C\dot{I}PIPS\ddot{e}C \dots$ $PrP^{\circ}PSP\ddot{e}C \dots$

$P\acute{K}P^{\circ}P\ddot{N}_{\epsilon}C\ddot{I}P^{\circ}C\dot{I}C, C - C\epsilon C -$ $PSP_{\mu}P \pm P^{\circ}P\dot{I}P^{\circ}PSC - C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - C -$ $P\ddot{i}C - Pr$ $C\ddot{I}P^{\circ}C\dot{I}$
 $P \gg C - PeCrPIP^{\circ}PSPSC\dot{I} P^{\circ}C - C\dot{I}P_{\mu}P\ddot{i}C, PsP \gg PsPj^{\text{B}} \gg$ $P \cdot P \pm PsPeCr C, C\dot{H}P^{\circ}PIPSPsPiPs C, C\dot{H}P^{\circ}PeC, Cr$
 $(PSC\dot{I}PrPsC, P^{\circ}, P \pm P \gg C\dot{H}PIP^{\circ}PSPSC\dot{I}, PIC - PrC\dot{I}CrC, PSC - C\dot{I}C, CH$ $P^{\circ}P\ddot{i}P_{\mu}C, P\ddot{e}C, Cr) C, P^{\circ}$
 $C\epsilon PeC - C\dot{H}PSC - P^{\circ}P \gg P_{\mu}C\dot{H}PiC - C\ddot{I}PSC - C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - C -$ $(PIP\ddot{e}C\dot{I}P\ddot{e}P\ddot{i},$
 $PeC\dot{H}PsP\ddot{i}P\ddot{e}Pi\text{B}\dot{H}^{\text{TM}}$ $C\dot{I}PSPeP^{\circ})$.

$P C - PrPePs$ $PjPsP\dot{I}CrC, CH$ $PIP\ddot{e}PSP\ddot{e}PeP^{\circ}C, P\ddot{e}$ $C\dot{I}P\ddot{e}PjP\ddot{i}C, PsPjP\ddot{e}$, $PSP_{\mu}P \pm P_{\mu}P \cdot P\ddot{i}P_{\mu}C\ddot{I}PSC - PrP \gg C\dot{I}$
 $P\dot{I}P\ddot{e}C, C, C\dot{I}$: $C\dot{I}P\ddot{e}PSPrC\dot{H}PsPj$ $P\ddot{Y}C, C - PIP_{\mu}PSC\dot{I}P^{\circ} - P^{\circ}P\dot{I}PsPSC\dot{I}PsPSP^{\circ}, C, PsPeC\dot{I}P\ddot{e}C\ddot{I}PSP\ddot{e}P\ddot{N}_{\epsilon}$
 $P_{\mu}P\ddot{i}C - PrP_{\mu}C\dot{H}PjP^{\circ}P \gg CHPSP\ddot{e}P\ddot{N}_{\epsilon}$ $PSP_{\mu}PeC\dot{H}PsP \gg C - P \cdot$ $(C\dot{I}P\ddot{e}PSPrC\dot{H}PsPj P \gg P^{\circ}C \dots P \gg P^{\circ})$,
 $P\ddot{i}PsC\dot{I}C, C\dot{H}P\ddot{e}P\ddot{N}_{\epsilon}$ $PSP_{\mu}PeC\dot{H}PsP \cdot P\ddot{i}P_{\mu}C\ddot{I}C - PSPeP\ddot{e}$.

$P_{\mu}C\dot{H}P\ddot{e}$ $P \gg C - PeCrPIP^{\circ}PSPSC - P\ddot{i}C\dot{H}P_{\mu}P\ddot{i}P^{\circ}C\dot{H}P^{\circ}C, PsPj$ $PjPsP\dot{I}CrC, CH$ $PIP\ddot{e}PSP\ddot{e}PeP^{\circ}C, P\ddot{e}$
 $P\ddot{i}C\dot{H}P\ddot{e}P \pm PePsPIC - C - PSC, P_{\mu}PeC\dot{I}C - C -$, $C, P^{\circ}PeC - C\dot{I}Pe$ $PeP^{\circ}PSPrP\ddot{e}PrPsP \cdot$.

$P\ddot{N}_{\epsilon}C\dot{H}C - Pj$ $C\dot{I}CHPsPiPs$, $C\dot{I}P_{\mu}C\dot{H}P_{\mu}Pr$ $PSP_{\mu}P \pm P^{\circ}P\dot{I}P^{\circ}PSP\ddot{e}C \dots$ $P_{\mu}C, P_{\mu}PeC, C - PI$ C° :

$P\dot{I}PSC, P_{\mu}PeC\dot{I}C - C -$ C, P° $P\ddot{i}P^{\circ}C\dot{H}P^{\circ}P \cdot P\ddot{e}C, P^{\circ}C\dot{H}PSC - P \cdot P^{\circ}C \dots$ $PIPsC\dot{H}CHPIP^{\circ}PSPSC\dot{I}$: $C\ddot{I}P^{\circ}C\dot{I}C, Ps$:
 $P\ddot{i}C\dot{H}P\ddot{e}P \pm PePsPIC - C - PSC, P_{\mu}PeC\dot{I}C - C -$, $PrCrP\dot{I}P_{\mu}$ $C\dot{H}C - PrPePs$:
 $P\ddot{i}C\dot{I}P_{\mu}PIPrPsPjP_{\mu}PjP \pm C\dot{H}P^{\circ}PSPsP \cdot PSP\ddot{e}P\ddot{N}_{\epsilon}$ $PePsP \gg C - C, \dots$

$P - P \pm PsPeC\acute{e}$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$ $PeC\dot{H}PsPIC - C, P^{\circ}$ $P \gg C - PjC, P^{\circ}C, P\ddot{e}C\ddot{I}PSPsC - C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$:
 $PrCrP\dot{I}P_{\mu}$ $C\dot{H}C - PrPePs$: $P\ddot{i}P_{\mu}PjPsP \gg C - C, P\ddot{e}C\ddot{I}PSP^{\circ}$ $P^{\circ}P \pm Ps$ $P^{\circ}P\ddot{i}P \gg P^{\circ}C\dot{I}C, P\ddot{e}C\ddot{I}PSP^{\circ}$ $P^{\circ}PSP_{\mu}PjC - C\dot{I}$,
 $PjP_{\mu}P\ddot{i}P^{\circ}P \gg PsP \pm P \gg P^{\circ}C\dot{I}C, PSP^{\circ}$ $P^{\circ}PSP_{\mu}PjC - C\dot{I}$, $P_{\mu}PsP \cdot P\ddot{e}PSPsC, C - P \gg C - C\dot{I}$,
 $PjP_{\mu}C, P\ddot{i}P_{\mu}PjPsPiP \gg PsP \pm C - PSP_{\mu}PjC - C\dot{I}$, $P \gg P_{\mu}P\ddot{N}_{\epsilon}PePsP\ddot{i}P_{\mu}PSC - C\dot{I}$, $PSP_{\mu}P\ddot{N}_{\epsilon}C, C\dot{H}PsP\ddot{i}P_{\mu}PSC - C\dot{I}$ $C -$
 $C, C\dot{H}PsPjP \pm PsC\dot{I}P\ddot{e}C, PsP\ddot{i}P_{\mu}PSC - C\dot{I}$, $P^{\circ}P\ddot{i}C\dot{H}P^{\circ}PSC\dot{I}P \gg PsC\dot{I}P\ddot{e}C, PsP \cdot$, $P\ddot{i}P^{\circ}PSC\dot{I}P\ddot{e}C, PsP\ddot{i}P_{\mu}PSC - C\dot{I}$
 $P^{\circ}P \pm Ps$ $P\ddot{i}CrC\dot{H}P\ddot{i}CrC\dot{H}P^{\circ}$, $P\ddot{i}P_{\mu}PjPsP \gg C - P \cdot$ Cr $P\ddot{i}P^{\circ}C\dot{I}C - C^{\circ}PSC, C - PI$ $C - P \cdot$ $PrP_{\mu}C, C - C\dot{I}P\ddot{e}C, PsPj$
 $P\ddot{i}P \gg CHPePsP \cdot Ps - 6 - C, PsC\dot{I}C, P^{\circ}C, PrP_{\mu}PiC - PrC\dot{H}PsPiP_{\mu}PSP^{\circ}P \cdot P\ddot{e}$,
 $P\ddot{i}C - P\ddot{i}PsP\ddot{i}C\dot{H}PsC, C\dot{H}PsPjP \pm C - PSP_{\mu}PjC - C\dot{I}$.

$P - P \pm PsPeC\acute{e}$ $C - PjC\acute{e}PSPSPsC - C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$: $PrCrP\dot{I}P_{\mu}$ $C\dot{H}C - PrPePs$:
 $P^{\circ}P \gg P_{\mu}C\dot{H}PiC - C\ddot{I}PSP\ddot{e}P\ddot{N}_{\epsilon}$ $PjC - PsPeP^{\circ}C\dot{H}PrP\ddot{e}C, PsP \cdot PSPsP \pm$, $C\dot{I}PIC - C, P \gg PsP \pm PsC\dot{I}P \cdot PSCH$,
 $P^{\circ}PSP^{\circ}C, C - P \gg P^{\circ}PeC, P\ddot{e}C\ddot{I}PSC - C\dot{H}P_{\mu}P^{\circ}PeC\dot{I}C - C -$ $(PIP\ddot{e}P \gg CHC\ddot{I}P^{\circ}CHC\ddot{I}P\ddot{e} C, C\dot{I}P\dot{I}PeC -$,

$P \cdot P^\circ \text{PiC}\overline{\text{H}}\text{PsP} \cdot P \gg \text{P}\ddot{\text{e}}\text{PIC} - \text{PrP} \gg \text{C}\overline{\text{I}}\text{P} \text{P} \overline{\text{H}}\text{P}\ddot{\text{e}}\text{C}, \text{C}, \text{C}\overline{\text{I}}\text{P}), P^\circ P \gg \text{P}_{\mu}\text{C}\overline{\text{H}}\text{PiC} - \text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\mathbb{N}} \text{PIP}^\circ \text{C}\overline{\text{I}}\text{P}\text{eC}\overline{\text{r}}\text{P} \gg \text{C} - \text{C},, \text{C}\%_{\text{O}}\text{Ps}$
 $\text{PSP}^\circ \text{PiP}^\circ \text{PrC}\overline{\text{r}}\text{C}'' \text{PiC}\overline{\text{r}}\text{C}\overline{\text{H}}\text{PiC}\overline{\text{r}}\text{C}\overline{\text{H}}\text{C}\overline{\text{r}} \text{P}''\text{P}_{\mu}\text{PSPsC} \dots P^\circ - \text{P}\ddot{\text{E}}\text{P}_{\mu}\text{PSP} \gg \text{P}_{\mu}\text{PN}_{\mathbb{N}}\text{PSP}^\circ,$
 $P^\circ \text{PSPiC} - \text{PsPSP}_{\mu}\text{PIC}\overline{\text{H}}\text{PsC}, \text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\mathbb{N}} \text{PSP}^\circ \text{P} \pm \text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{P}\text{e}, P^\circ P \gg \text{P}_{\mu}\text{C}\overline{\text{H}}\text{PiC} - \text{C}\ddagger\text{PSP}^\circ \text{C}\overline{\text{E}}\text{P}\text{eC} - \text{C}\overline{\text{H}}\text{PSP}^\circ$
 $\text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}^\circ \text{P}\text{eC}\overline{\text{r}}\text{C} - \text{C}\overline{\text{I}}\text{P}, P \cdot P^\circ \text{PiP}^\circ \text{P} \gg \text{C}\overline{\text{H}}\text{PSC} - \text{C}\overline{\text{E}}\text{P}\text{eC} - \text{C}\overline{\text{H}}\text{PSC} - \text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}^\circ \text{P}\text{eC}\overline{\text{r}}\text{C} - \text{C} \text{---}, P \cdot P^\circ \text{PiP}^\circ \text{P} \gg \text{P}_{\mu}\text{PSPSC}\overline{\text{I}}\text{P}$
 $\text{C}\overline{\text{E}}\text{P}\text{eC} - \text{C}\overline{\text{H}}\text{P}\ddot{\text{e}} \text{P} \cdot \text{PIC} - \text{PrC}\overline{\text{E}}\text{P}^\circ \text{C}\overline{\text{H}}\text{C}\overline{\text{r}}\text{PIP}^\circ \text{PSPSC}\overline{\text{I}}\text{Pj}, \text{PIP}\ddot{\text{e}}\text{C}\overline{\text{I}}\text{P}\ddot{\text{e}}\text{Pi}, \text{C}\overline{\text{I}}\text{P}\ddot{\text{e}}\text{C}\overline{\text{H}}\text{PsPIP}^\circ \text{C}, \text{PePsPIP}^\circ$
 $\text{C} \dots \text{PIPsC}\overline{\text{H}}\text{PsP} \pm P^\circ, \text{PIC}\overline{\text{r}}\text{P} \cdot \text{P} \gg \text{P}\ddot{\text{e}}\text{PePsPIP}\ddot{\text{e}}\text{PN}_{\mathbb{N}} \text{PiP}_{\mu}\text{C}\overline{\text{H}}\text{C} - \text{P}^\circ \text{C}\overline{\text{H}}\text{C}, \text{P}_{\mu}\text{C}\overline{\text{H}}\text{C} - \text{C} - \text{C},, \text{C}\overline{\text{I}}\text{P}\ddot{\text{e}}\text{C}\overline{\text{I}}\text{C}, \text{P}_{\mu}\text{PjPSP}\ddot{\text{e}}\text{PN}_{\mathbb{N}}$
 $\text{C}\ddagger\text{P}_{\mu}\text{C}\overline{\text{H}}\text{PIPsPSP}\ddot{\text{e}}\text{PN}_{\mathbb{N}} \text{PIPsPIC}\ddagger\text{P}^\circ \text{Pe}.$

$P - P \pm PsPeC\acute{e}C, C\bar{H}P^{\circ}PIPSPsPiPsC, C\bar{H}P^{\circ}PeC, C\acute{e}: C\ddagger P^{\circ}C\acute{f}C, Ps: PrC - P^{\circ}C\bar{H}P_{\mu}C\bar{H}, PSCrPrPsC, P^{\circ} (P \cdot P \pm P \gg C\bar{H}PIP^{\circ}PSPSC\bar{H}PjP^{\circ}P \pm PsP \pm P_{\mu}P \cdot); PSP_{\mu}C\ddagger P^{\circ}C\acute{f}C, Ps: P \pm P \gg C\bar{H}PIP^{\circ}PSPSC\bar{H}; BPrCrP\Pi P_{\mu}C\bar{H}C - PrPePs: PiP \gg PsC\acute{f}P\ddot{e}C,, C\acute{f}C, PsPjP^{\circ}C, P\ddot{e}C,, P\ddot{i}P^{\circ}PSPeC\bar{H}P_{\mu}P^{\circ}C, P\ddot{e}C,, C\ddagger P^{\circ}C\acute{f}C, PsC, P^{\circ}PSP_{\mu}PIC - PrPsPjP^{\circ}: P \pm C - P \gg CHCrP\Pi P\ddot{e}PIPsC, C-, PIC - PrC\acute{f}CrC, PSC - C\acute{f}C, CHP^{\circ}PiP_{\mu}C, P\ddot{e}C, Cr, PsPeC\bar{H}P_{\mu}PjC - PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP\ddot{e}P\ddot{i}C\acute{f}P_{\mu}PIPrPsPjP_{\mu}PjP \pm C\bar{H}P^{\circ}PSPsP \cdot PSPsPiPsP_{\mu}PSC, P_{\mu}C\bar{H}PsPePsP \gg C - C, Cr, P\ddot{i}C\acute{f}P_{\mu}PIPrPsPrP\ddot{e}C,, C, P_{\mu}C\bar{H}C - PN_{\circ}PSP_{\mu}P \cdot P^{\circ}P\ddot{i}P^{\circ}P \gg P_{\mu}PSPSC\bar{H}PeP\ddot{e}C\epsilon PsPe, P\ddot{i}C - PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\bar{H}PePsPSC\ddagger P_{\mu}PSC, C\bar{H}P^{\circ}C\ddagger C - C - P \pm C - P \gg C - C\bar{H}CrP \pm C - PSC\acute{f}, C\bar{H}C - PIPSC\bar{H}PiP_{\mu}C\ddagger C - PSPePsPIP\ddot{e}C... P_{\mu}PSP \cdot P\ddot{e}PjC - PI CrC\acute{f}P\ddot{e}C\bar{H}PsPIP^{\circ}C, C\ddagger C -.$

$P - P \pm PsPeC \acute{z} PSp\ddot{e}C\tilde{H}PsPe \ C, P^{\circ} \ C\acute{I}P_{\mu}C \ddagger PsPIP\ddot{e}PIC - PrPSP\ddot{e}C... \ C\epsilon P \gg C\dot{I}C...C - PI:$
 $P \cdot P \pm C - P \gg CH\dot{C}C\epsilon P_{\mu}PSPSC\dot{I} \ PrC - CrC\tilde{H}P_{\mu}P \cdot C\acute{r}, \ PeC\tilde{H}P\ddot{e}C\acute{I}C, P^{\circ}P \gg CrC\tilde{H}C - C\dot{I}, \ PSp\ddot{e}C\tilde{H}PePsPIP^{\circ}$
 $PSp_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSC - C\acute{I}C, CH\dot{C}, \ C - PSC, P_{\mu}C\tilde{H}C\acute{I}C, P\ddot{e}C \dagger C - P^{\circ}P \gg CH\dot{C}PSP\ddot{e}PN_{\mathbb{Z}} \ PSp_{\mu}C,, \ C\tilde{H}P\ddot{e}C,, \$
 $PSp_{\mu}C,, \ C\tilde{H}PsC, PsPeC\acute{I}P\ddot{e}C \ddagger PSP\ddot{e}PN_{\mathbb{Z}} \ C\acute{I}P\ddot{e}PSPrC\tilde{H}PsP_j \ P \cdot \ PsP \gg C - PiC\acute{r}C\tilde{H}C - C''C\tilde{H} \ P^{\circ}P \pm Ps$
 $P^{\circ}PSC\acute{r}C\tilde{H}C - C''C\tilde{H}, \ P \cdot P \pm C - P \gg CH\dot{C}C\epsilon P_{\mu}PSPSC\dot{I} \ PSp_{\mu}P \pm C - P \gg PePsPIPsPiPs \ P^{\circ}P \cdot PsC, Cr \ C, P^{\circ}$
 $PeC\tilde{H}P_{\mu}P^{\circ}C, P\ddot{e}PSC - PSC\acute{r} \ C\acute{r} \ C\acute{I}P\ddot{e}C\tilde{H}PsPIP^{\circ}C, C \dagger C -.$

$P_4P_5C_7C_2C_6P_4PSPSC_{II} P \cdot P \pm PsPeC_2 PiC_1P_6C...C-PeP_6$: PrCrP $\parallel$ P $_m$ C $_7$ C-PrPePs:
PrP $_m$ PiC $_7$ P $_m$ C $_1$ C-C $_I$, PiP°P»C $_7$ C†P $_6$ PSP°C†C-C—, PiPsC $_1$ C,C $_7$ P $_6$ Pn $_6$ PiC $_1$ P $_6$ C...PsP°,
PrP $_m$ P»C-C $_7$ C-Pn $_6$ C,P° PiC $_1$ P $_6$ C...PsP° Cr PiP°C†C-C''PSC,C-PI P»C-C,PSC $_7$ HPiPiPs PIC-PeCr,
C†P°C $_1$ C,P $_6$ S,P° PSPuPIC-PrPsP|P°: PiC $_1$ P $_6$ C...PsC,P $_6$ C†PSP $_6$ Pn $_6$ C $_7$ PsP·P»P°Pr.

P·P°PīP°PjPsCḡPsC†PμPSPSCḲ; C†P°CḲC,PsC,P° PSPμPIC-PrPsPjP°:
P·PSPμCḡPIP°PSC-CḲC,CH, C€C†Pj C† PIC†C...P°C..., P·P°PīP°P»PμPSPSCḲ
PīPμCḡPēc,,PμCḡPēc†PSPēc... PSPμCḡPIC-PI, PīP°CḡPμCḲC,PμP·C-C—, C†PIPμC—C,,.

P— P±PsPeCž PsCḡPiP°PSC-PI CḲP»CžC...Cž C,P° PIPμCḲC,PēP±CžP»CḲCḡPSPsPiPs
P°PīP°CḡP°C,Cž: PrC†PḡPμ CḡC-PrPePs: PIPμCḡC,PēPiPs, C€C†Pj C† PIC†C...P°C....

P— P±PsPeCž PsCḡPiP°PSC-PI P·PsCḡCž: PrC†PḡPμ CḡC-PrPePs: C†PIPμC—C,,.

P— P±PsPeCž CḲPēcḲC,PμPjPē PIPSCžC,CḡC-C€PSCḢPsC— CḲPμPeCḡPμC†C-C—:
CḲC†P»CHC,,P°PSC-P»P°PjC-PrPē PjP°CḡC,CH C...C-PjC-C†PSC†
CḲPiPsCḡC-PrPSPμPSC-CḲC,CH P· PrPμCḲPePēPjPē P°PSC,Pēc,PēcḡPμPsC—PrPSPēPjPē
PīCḡPμPīP°CḡP°C,P°PjPē, CḲPμC†PsPiC-PSPSPēPjPē (P°C†PμC,P°P·PsP»P°PjC-PrPsPj C-
C,C-P°P·PēPrPsPj), P° C,P°PePsPḡ P· PīPμCḡPsCḡP°P»CHPSPēPjPē
PīCḡPsC,PēPrC-P°P±PμC,Pēc†PSPēPjPē PīCḡPμPīP°CḡP°C,P°PjPē, C°Ps PjPsPḡPμ P±C†C,Pē
PīCḡPēc†PēPSPsCḡ PīPμCḡPμC...CḡPμCḲPSPsC— P°P»PμCḡPiC-C—.

P— P±PsPeCž C€PeC-CḡPē C- PīC-PrC€PeC-CḡPSPēc... C,PēP°PSPēPS: C†P°CḲC,Ps:
PIPēcḲPēPīP°PSPSCḲ; PrC†PḡPμ CḡC-PrPePs: C,,PsC,PsCḲPμPSCḲPēP±C-P»C-P·P°C†C-CḲ,
P°PSPiC-PsPrPμPjP°, PμPeCḲC,,PsP»C-P°C,PēPIPSPēPNē PrPμCḡPjP°C,Pēc,, CḲC,C-PNēPePμ
PjPμPrPēPeP°PjPμPSC,PsP·PSPμ PIPēcḲPēPīP°PSPSCḲ, PīPsP»C-PjPsCḡC,,PSP° PμCḡPēc,PμPjP°,
CḲPēPSPrCḡPsPj PḲC,C-PIPμPSCḲP° - P°PḡPsPSCḲPsPSP°*, C,PsPeCḲPēc†PSPēPNē
PμPīC-PrPμCḡPjP°P»CHPSPēPNē PSPμPeCḡPsP»C-P*; C†P°CḲC,PsC,P° PSPμPIC-PrPsPjP°:
PeCḡPsPīPēPIBḡ™ CḲPSPeP°, CḲPIPμCḡP±C-Pḡ C€PeC-CḡPē, PrPμCḲPePIP°PjP°C,PēPIPSPēPNē
PrPμCḡPjP°C,Pēc,,.

P— P±PsPeCž CḲPePμP»PμC,PSPs-Pjēḡ™ CḲP·PsPIP°S— CḲPēcḲC,PμPjPē C,P°
CḲPiPsP»CžC†PSPsC— C,PēP°PSPēPSPē: PrC†PḡPμ CḡC-PrPePs: P°CḡC,CḡP°P»PiC-CḲ,
PjC-P°P»PiC-CḲ; B C†P°CḲC,PsC,P° PSPμPIC-PrPsPjP°: PsPeCḡPμPjC- PIPēPīP°PrPePē
CḡP°P±PrPsPjC-PsP»C-P·C†.

P— P±PsPeCž PrPēc...P°P»CHPSPsC— CḲPēcḲC,PμPjPē, PsCḡPiP°PSC-PI PiCḡCžPrPSPsC—
PeP»C-C,PēPē C,P° CḲPμCḡPμPrPsCḲC,C-PSPSCḲ: PrC†PḡPμ CḡC-PrPePs: B P·P°PrPēC€PeP°*,
PeP°C€PμP»CH*, C-PSC,,C-P»CHC,CḡP°C,Pē C† P»PμPiPμPSCḲC...*.

P— P±PsPeCž PSPēcḡPsPe C,P° CḲPμC†PsPIPēPrC-P»CHPSPsC— CḲPēcḲC,PμPjPē: PrC†PḡPμ
CḡC-PrPePs: PīPsCḡC†C€PμPSPSCḲ C,,C†PSPeC†C-C— PSPēcḡPsPe (C-PSPsPrC-
PSPēcḡPePsPIP° PSPμPrPsCḲC,P°C,PSC-CḲC,CH),
C,C†P±C†P»PsC-PSC,PμCḡCḲC,Pēc†C-P°P»CHPSPēPNē PSPμC,,CḡPēc,, C†PIPμC—C,,
PSPēcḡPePsPIPēPNē C,C†P±C†P»CḲCḡPSPēPNē P°C†PēPrPsP·.

P— P°PiP°P»CHPSC- CḡPsP·P»P°PrPē: CḲP»P°P±PeC-CḲC,CH, PIC-PrC†C†C,C,CḲ PIC,PsPjPē,
P±PμP·CḲPsPSPSCḲ.

PμPsCḡCžC€PμPSPSCḲ P· P±PsPeCž CḲCžPrPēPSPSPsC— CḲPēcḲC,PμPjPē: C†P°CḲC,PsC,P°
PSPμPIC-PrPsPjP°: C†PēcḡPeC†P»CḲC,PsCḡPSPēPNē C€PsPe.

* P°PēPI. PsPīPēcḲ PsPeCḡPμPjPēc... PīPsP±C-C†PSPēc... CḡPμP°PeC†C-PNē

PḢPīPēcḲ PsPeCḡPμPjPēc... PīPsP±C-C†PSPēc... CḡPμP°PeC†C-PNē PSPēPḡC†Pμ.

$\text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}^{\circ}\text{C}\overline{\text{I}}\text{C}, \text{PsC}\overline{\text{I}}\text{C}\overline{\text{r}}\text{PIP}^{\circ}\text{PSPSC}-\text{PIP}\ddot{\text{e}}\text{C}\overline{\text{I}}\text{PsPeP}\ddot{\text{e}}\text{C}\dots \text{PrPsP}\cdot\text{C}\overline{\text{r}}\text{C}, \text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{P}\overline{\text{I}}\text{C}-\text{C}-\text{P}_{\mu}\text{P}\overline{\text{I}}\text{P}_{\mu}$
 $\text{C}\overline{\text{I}}\text{P}\overline{\text{I}}\text{PsC}\overline{\text{I}}\text{C}, \text{P}_{\mu}\text{C}\overline{\text{H}}\text{C}-\text{PiP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\overline{\text{I}}\text{C}\overline{\text{I}}\text{C}, \text{C}, \text{C}\overline{\text{I}}\text{P}\overline{\text{I}}\text{PeC}-\text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\overline{\text{I}}\text{C}-\text{C}-$
 $\text{PiC}-\text{PiP}_{\mu}\text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{C}\overline{\text{r}}\text{C}, \text{P}\gg\text{P}\ddot{\text{e}}\text{PIP}\text{PsC}\overline{\text{I}}\text{C}, \text{C}-, \text{C}\%_{\text{oo}}\text{Ps PIP}\ddot{\text{e}}\text{PjP}^{\circ}\text{PiP}^{\circ}\text{P}\gg\text{Ps PIC}-\text{PrPjC}-\text{PSP}\ddot{\text{e}}\text{PiC}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PN}\ddot{\text{e}}\text{PsPjC}\overline{\text{r}}$
 $\text{P}\gg\text{C}-\text{PeP}^{\circ}\text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{CH}\text{PePsPiPs P}\cdot\text{P}^{\circ}\text{C}\overline{\text{I}}\text{PsP}\pm\text{C}\overline{\text{r}}. \text{P}\ddot{\text{y}}\text{C}\overline{\text{I}}\text{P}\overline{\text{I}}\text{PeC}-\text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\overline{\text{I}}\text{C}-\text{C}-$
 $\text{PiC}-\text{PiP}_{\mu}\text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{C}\overline{\text{r}}\text{C}, \text{P}\gg\text{P}\ddot{\text{e}}\text{PIP}\text{PsC}\overline{\text{I}}\text{C}, \text{C}-\text{C}\overline{\text{I}}\text{P}\overline{\text{I}}\text{PsC}\overline{\text{I}}\text{C}, \text{P}_{\mu}\text{C}\overline{\text{H}}\text{C}-\text{PiP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\overline{\text{I}}\text{C}\overline{\text{I}}\text{C}\text{C}\overline{\text{r}}\text{PiP}^{\circ}\text{C}\overline{\text{I}}\text{C}-\text{C}''\text{PSC}, \text{C}-\text{PI P}\cdot$
 $\text{P}_{\mu}\text{P}\overline{\text{I}}\text{P}_{\mu}, \text{C}\overline{\text{I}}\text{PeP}\ddot{\text{e}}\text{Pj PiPsPIC}, \text{PsC}\overline{\text{H}}\text{PSPs PiC}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\overline{\text{I}}\text{P}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{P}\gg\text{C}-\text{PeC}\overline{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\overline{\text{I}}\text{C}\text{PePs}-$
 $\text{C}, \text{C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PjPsPeC}\overline{\text{I}}\text{P}^{\circ}\text{P}\cdot\text{PsP}\gg\text{PsPj}, \text{C}-\text{PSPsPrC}-\text{PiC}-\text{C}\overline{\text{I}}\text{P}\gg\text{C}\overline{\text{I}}\text{PiP}_{\mu}\text{C}\overline{\text{H}}\text{P}_{\mu}\text{C}\overline{\text{H}}\text{PIP}\ddot{\text{e}}\text{C}\overline{\text{r}}\text{PrP}_{\mu}\text{PeC}-\text{P}\gg\text{CH}\text{PeP}^{\circ}$
 $\text{PrPSC}-\text{PI}. \text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PiC}\overline{\text{H}}\text{PsC}\overline{\text{I}}\text{PIP}\gg\text{P}_{\mu}\text{PSPSC}-\text{PsP}\cdot\text{PSP}^{\circ}\text{Pe PiC}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PiPSC}-\text{C}\overline{\text{I}}\text{P}_{\mu}\text{PSPSC}\overline{\text{I}}\text{C}$

PeC-CÍC,PePsPIPsPiPs PjPsP·PeCí PíP°C†C-C" PSC,Cí CÍP»C-Pr PíCĤPëP·PSP°C†PëC,Pë
PePsCĤPëPiCíPIP°PSPSCĬ PSpµCÍC,P°C†C- C„PsP»P°C,Cí PeP°P»CHC†C-CH (5 – 10
PjPi/PrPµPSCĤ).

P P°P±PrPsPjC-PsP»C-P· CÍPíPsCÍC,PµCĤC-PiP°P»Pë Cí P'P†P>-PíPsP·PëC,PëPIPSPëC...
PíP°C†C-C" PSC,C-PI, C°Ps PíCĤPëPNëPjP°P»Pë PePs-C,CĤPëPjPsPeCÍP°P·PsP» P·
PíCĤPsC„C-P»P°PeC,PëC†PSPsCĤ PjPµC,PsCĤ P°P±Ps PrP»CĬ P»C-PeCíPIP°PSPSCĬ PµPíPµ.

PµPsP±C-C†PSC- CĤPµP°PeC†C-C— Cí C...PIPsCĤPëC... PSP° PŸPáP†P": C†P°CÍC,PsC,P°
PíPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë, PsCÍPsP±P»PëPIPs PIPëCÍPëPíCí, PiP°CĤCĬC†PePë,
P»PµPNëPePsPíPµPSC-C— C,P° PíC-PrPIPëC°PµPSPSCĬ P°PeC,PëPIPSPsCÍC,C-
P°PjC-PSPsC,CĤP°PSCÍC„PµCĤP°P· Cí CÍPëCĤPsPIP°C,C†C-, Cí C...PIPsCĤPëC... PSP° PŸPáP†P"
P·PSP°C†PSPs PIPëC°P°, PSC-P¶ Cí C-PSC€PëC... C...PIPsCĤPëC....

P'P†P>-C-PSC„C-PePsPIP°PSC- PíP°C†C-C" PSC,Pë P· C†P°CÍC,PëPjPë CÍCíPíCíC,PSC-PjPë
P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPë P·P°P·PIPëC†P°PNë PsC,CĤPëPjCíCĤC,CH C,CĤPëPIP°P»Cí
PíCĤPsC„C-P»P°PeC,PëPeCí P°P±Ps P»C-PeCíPIP°PSPSCĬ PíPSPµPIPjPsPSC-C—,
CÍPíCĤPëC†PëPSPµPSPsC— *Pneumocystis carinii (Pneumocystis jirovecii)*, C-P·
P·P°CÍC,PsCÍCíPIP°PSPSCĬPj PIPëCÍPsPePëC... PrPsP· P'C-CÍPµPíC,PsP»Cí^B. PhPeCĤC-Pj
PSPµPIPµP»PëPePsC— PeC-P»CHPePsCÍC,C- PrPsPrP°C,PePsPIPëC... PíPsP±C-C†PSPëC...
PµC„PµPeC,C-PI, PíCĤPsC„C-P»CH C,P°PePëC... B PµC„PµPeC,C-PI Cí C†PëC...
B PíP°C†C-C" PSC,C-PI C" PíPsPrC-P±PSPëPj PrPs PíCĤPsC„C-P»CĤ Cí PíPsPíCíP»CĬC†C-C—
PíP°C†C-C" PSC,C-PI, CĬPeC- PSPµ C" P'P†P>-C-PSC„C-PePsPIP°PSPëPjPë. PhPrPSP°Pe
PrPµCĬPeC- PíPsP±C-C†PSC- PµC„PµPeC,Pë CÍPíPsCÍC,PµCĤC-PiP°CĤC,CHCÍCĬ
C†P°CÍC,C-C€Pµ (PíCĤPëP±P»PëP·PSPs Cí 65 % PíP°C†C-C" PSC,C-PI) C- C†P°CÍC,Ps C"
P±C-P»CHC€ C,CĬP¶PePëPjPë, C°Ps P·CíPjPsPIP»CĤC" PSPµPsP±C...C-PrPSC-CÍC,CH Cí
PíPµCĤPµCĤPëPIP°PSPSC- PeCíCĤCÍCí P»C-PeCíPIP°PSPSCĬ P'C-CÍPµPíC,PsP»PsPj^B Cí 20 –
25 % PíP°C†C-C" PSC,C-PI. P—PsPeCĤPµPjP°, PrPsPrP°C,PePsPIPs P°P±Ps P· PIPëC°PsCĤ
C†P°CÍC,PsC,PsCĤ CÍPíPsCÍC,PµCĤC-PiP°P»PëCÍCĬ PSPëP¶C†PµP·P°P·PSP°C†PµPSC-
PSPµP±P°P¶P°PSC- CĤPµP°PeC†C-C—.

P— P±PsPeCž CÍPëCÍC,PµPjPë PeCĤPsPIC- C,P° P»C-PjC„P°C,PëC†PSPsC— CÍPëCÍC,PµPjPë:
PíPµCĤPµPIP°P¶PSPs PSPµPNëC,CĤPsPíPµPSC-CĬ, P°P»Pµ C,P°PePsP¶ P°PSPµPjC-CĬ,
P»PµPNëPePsPíPµPSC-CĬ, PíCĤP°PSCíP»PsC†PëC,PsPíPµPSC-CĬ C,P°
C,CĤPsPjP±PsC†PëC,PsPíPµPSC-CĬ, P°PíCĤP°PSCíP»PsC†PëC,PsP·.

P— P±PsPeCž C-PjCžPSPSPsC— CÍPëCÍC,PµPjPë: PíP°CĤCĬC†PeP°, P·P°P·PIPëC†P°PNë Cí
P·PIBĤ™ CĬP·PeCí P·C- C€PeC-CĤPSPëPjPë PIPëCÍPëPíP°PjPë, P°P»PµCĤPiC-C†PSC-
CĤPµP°PeC†C-C—, C,P°PeC- CĬPe P°PSPiC-PsPSPµPICĤPsC,PëC†PSPëPNë PSP°P±CĤCĬPe,
P°PSP°C„C-P»P°PeC,PsC—PrPSC- CĤPµP°PeC†C-C— C,P° CÍPëCĤPsPIP°C,PePsPIP°
C...PIPsCĤPsP±P°, CĤPµP°PeC†C-C— PiC-PíPµCĤC†CíC,P»PëPIPsCÍC,C-.

PµPsCĤCžC€PµPSPSCĬ PsP±PjC-PSCž CĤPµC†PsPIPëPS C,P° C...P°CĤC†CžPIP°PSPSCĬ:
PiC-PíPµCĤPeP°P»C-C" PjC-CĬ. P'P†P>-C-PSC„C-PePsPIP°PSPëPj PíP°C†C-C" PSC,P°Pj
PSPµPsP±C...C-PrPSPs P·P°P±PµP·PíPµC†PëC,Pë CĤPµC,PµP»CHPSPëPNë PjPsPSC-C,PsCĤPëPSPi
CĤC-PIPSĬ PeP°P»C-CH Cí CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC-; PiC-PíPsPSP°C,CĤC-C" PjC-CĬ,
PiC-PíPsPiP»C-PePµPjC-CĬ.

PµPsCĤCžC€PµPSPSCĬ P· P±PsPeCž PíCÍPëC...C-PePë: PíPsCÍC,CĤPëPNë PíCÍPëC...PsP·.

P— P±PsPeCž PSPµCĤPIPsPIPsC— CÍPëCÍC,PµPjPë: PSPµPNëCĤPsPíP°C,C-CĬ (Cí C,PsPjCí
C†PëCÍP»C- PíPµCĤPëC„PµCĤPëC†PSPëPNë PSPµPICĤPëC, C,P° PíP°CĤPµCÍC,PµP·C-C—),

$PiP^{\circ}P \gg C\bar{H}C \dagger P\ddot{e}PSP^{\circ}C \dagger C - C -$, $C \bar{r}PIP_{\mu}C - C$, $P\bar{h}C \bar{r}P_{\mu}P \bar{i}C, P\ddot{e}C \dagger PSP\ddot{e}PN_{\bar{e}}$ $P_jP_{\mu}PSC - PSPiC - C$, $P^{\circ}P \pm Ps$
 $P_jP_{\mu}PSC - PSPiC - C, PsP \bar{i}PsPrC - P \pm PSC -$ $C \bar{r}P\ddot{e}P_jP \bar{i}C, PsP_jP\ddot{e}$, $P^{\circ}C, P^{\circ}P\ddot{e}C \bar{r}C - C \bar{r}$, $C \bar{r}C \bar{r}PrPsP_jP\ddot{e}$,
 $C, C\bar{h}P_{\mu}P_jPsC\bar{h}$ $C \bar{r} C \bar{r}P \bar{i}PsPePsC -$ $P \cdot P^{\circ} C, P\ddot{e}P \bar{i}PsP_j C \dots PIPsC\bar{h}PsP \pm P\ddot{e}$ $P_{\mu}P^{\circ}C\bar{h}PeC - PSC \bar{r}PsPSP^{\circ}$,
 $P \bar{i}PsPrP_{\mu}PePsP \gg P\ddot{e}$ $C \bar{r} P \bar{i}PsC''PrPSP^{\circ}PSPSC -$ $P \cdot P^{\circ}PiP^{\circ}C, C - C''C\bar{h}$, $C \bar{r}C \bar{r}PrPsP_jP\ddot{e}$ $C \bar{r}C, PsP \bar{i} C, P^{\circ}$
 $C\bar{h}PsP \cdot P_jP^{\circ}C\bar{e}P\ddot{e}C \bar{r}C, P^{\circ} C \dots PsPrP^{\circ}$, $PIP_{\mu}C\bar{h}C, P\ddot{e}P \bar{i}Ps$, $C\bar{e}C \bar{r}P_j C \bar{r} PIC \bar{r}C \dots P^{\circ}C \dots$

$P - P \pm PsPeC \acute{z} PsC\bar{h}PiP^{\circ}PSC - PI$ $PrP\ddot{e}C \dots P^{\circ}PSPSC \bar{r}$: $P \bar{i}PSP_{\mu}PIP_jPsPSC - C$, $P \cdot$
 $P_{\mu}PsP \cdot P\ddot{e}PSPsC, C - P \gg CH\bar{h}PSPsC\bar{h} C - PSC, C - P \gg CH\bar{h}C, C\bar{h}P^{\circ}C \dagger C - C''C\bar{h}$.

$P - P \pm PsPeC \acute{z} C, C\bar{h}P^{\circ}PIPSPsPiPs C, C\bar{h}P^{\circ}PeC, C \acute{z}$: $P^{\circ}PSPsC\bar{h}P_{\mu}PeC \bar{r}C - C \bar{r}$, $PSC \bar{r}PrPsC, P^{\circ} P \cdot$
 $P \pm P \gg C\bar{h}PIP^{\circ}PSPSC \bar{r}P_j P^{\circ}P \pm Ps P \pm P_{\mu}P \cdot$, $P^{\circ} C, P^{\circ}PePsP \P PrC - P^{\circ}C\bar{h}P_{\mu}C \bar{r}$, $C \bar{r}C, PsP_jP^{\circ}C, P\ddot{e}C, ,$
 $PiP \gg PsC \bar{r}P\ddot{e}C, , P \bar{i}P^{\circ}PSPeC\bar{h}P_{\mu}P^{\circ}C, P\ddot{e}C, ,$

$P - P \pm PsPeC \acute{z} PiP_{\mu}PiP^{\circ}C, PsP \pm C - P \gg C - P^{\circ}C\bar{h}PSPsC -$ $C \bar{r}P\ddot{e}C \bar{r}C, P_{\mu}P_jP\ddot{e}$: $P \bar{i}C - PrPIP\ddot{e}C \% P_{\mu}PSPSC \bar{r}$
 $C\bar{h}C - PIPSC \bar{r} P \bar{i}P_{\mu}C \dagger C - PSPePsPIP\ddot{e}C \dots C, P_{\mu}C\bar{h}P_jP_{\mu}PSC, C - PI/C, C\bar{h}P^{\circ}PSC \bar{r}P^{\circ}P_jC - PSP^{\circ}P \cdot$,
 $C \dots PsP \gg P_{\mu}C \bar{r}C, P^{\circ}C, P\ddot{e}C \dagger PSP^{\circ} P \P PsPIC, C \bar{r}PSP\ddot{e}C \dagger C \bar{r}$, $C, C \bar{r}P \P PeP\ddot{e}PN_{\bar{e}}$ $PiP_{\mu}PiP^{\circ}C, P\ddot{e}C, ,$

$P - P \pm PsPeC \acute{z} C\bar{e}PeC - C\bar{h}P\ddot{e} C -$ $P \bar{i}C - PrC\bar{e}PeC - C\bar{h}PSP\ddot{e}C \dots C, PeP^{\circ}PSP\ddot{e}PS$: $P_jP^{\circ}PeC \bar{r}P \gg Ps -$
 $P \bar{i}P^{\circ}P \bar{i}C \bar{r}P \gg CH\bar{h}PsP \cdot PSC -$ $PIP\ddot{e}C \bar{r}P\ddot{e}P \bar{i}P\ddot{e}$, $C \bar{r}PeC -$ $C\bar{e}PIP\ddot{e}PrPePs P_jP\ddot{e}PSP^{\circ}C\bar{h}C, CH\bar{h} P \bar{i}C - C \bar{r}P \gg C \bar{r}$
 $PIC - PrP_jC - PSP\ddot{e} P \gg C - PeP^{\circ}C\bar{h}C \bar{r}CH\bar{h}PePsPiPs P \cdot P^{\circ}C \bar{r}PsP \pm C \bar{r}$, $P \cdot P^{\circ}P \cdot PIP\ddot{e}C \dagger P^{\circ}PN_{\bar{e}}$ $P \cdot C -$
 $C \bar{r}PIP_{\mu}C\bar{h}P \pm P_{\mu}P \P P_{\mu}P_j$, $C, , PsC, PsC \dagger C \bar{r}C, P \gg P\ddot{e}PIC - C \bar{r}C, CH\bar{h}$, $P_jC \bar{r}P \gg CH\bar{h}C, P\ddot{e}C, , PsC\bar{h}P_jPSP^{\circ}$
 $P_{\mu}C\bar{h}P\ddot{e}C, P_{\mu}P_jP^{\circ}$, $C \bar{r}P\ddot{e}PSP \bar{r}C\bar{h}PsP_j P \bar{y}C, C - PIP_{\mu}PSC \bar{r}P^{\circ} -$ $P''P \P PsPSC \bar{r}PsPSP^{\circ}$,
 $C, PsPeC \bar{r}P\ddot{e}C \dagger PSP\ddot{e}PN_{\bar{e}}$ $P_{\mu}P \bar{i}C - PrP_{\mu}C\bar{h}P_jP^{\circ}P \gg CH\bar{h}PSP\ddot{e}PN_{\bar{e}}$ $PSP_{\mu}PeC\bar{h}PsP \gg C - P \cdot$ $(C \bar{r}P\ddot{e}PSP \bar{r}C\bar{h}PsP_j$
 $P \gg P^{\circ}C''P \gg P^{\circ})$, $P \bar{i}C \bar{r}C\bar{h}P \bar{i}C \bar{r}C\bar{h}P^{\circ}$ $P\ddot{e}P_{\mu}PSP \gg P_{\mu}PN_{\bar{e}}PSP^{\circ} -$ $P''P_{\mu}PSPsC \dots P^{\circ}$.

$P - P \pm PsPeC \acute{z} B$ $PsP \bar{i}PsC\bar{h}PSPs - C\bar{h}C \acute{z} C \dots PsPIP sPiPs P^{\circ}PiP^{\circ}C\bar{h}P^{\circ}C, C \acute{z}$: $P^{\circ}C\bar{h}C, C\bar{h}P^{\circ}P \gg PiC - C \bar{r}$,
 $P_jC - P^{\circ}P \gg PiC - C \bar{r}$, $C\bar{h}P^{\circ}P \pm PrPsP_jC - PsP \gg C - P \cdot$.

$P - P \pm PsPeC \acute{z} PSP\ddot{e}C\bar{h}PsPe C, P^{\circ} C \bar{r}P_{\mu}C \dagger PsPIP\ddot{e}PIC - PrPSP\ddot{e}C \dots C\bar{e}P \gg C \bar{r}C \dots C - PI$:
 $P \bar{i}PsC\bar{h}C \bar{r}C\bar{e}P_{\mu}PSPSC \bar{r} C, C \bar{r}PSPeC \dagger C - C -$ $PSP\ddot{e}C\bar{h}PsPe$, $P^{\circ}P \cdot PsC, P_{\mu}P_jC - C \bar{r}$,
 $P \bar{i}C - PrPIP\ddot{e}C \% P_{\mu}PSPSC \bar{r} C\bar{h}C - PIPSC \bar{r} PeC\bar{h}P_{\mu}P^{\circ}C, P\ddot{e}PSC - PSC \bar{r} C \bar{r} C \bar{r}P\ddot{e}C\bar{h}PsPIP^{\circ}C, C \dagger C -$
 $PeC\bar{h}PsPIC -, PeC\bar{h}P\ddot{e}C \bar{r}C, P^{\circ}P \gg C \bar{r}C\bar{h}C - C \bar{r}$, $C \bar{r}C \bar{r}P \gg CH\bar{h}C, P^{\circ}PSC - P \gg P^{\circ}P_jC - PrP\ddot{e}$, $PI C, PsP_jC \bar{r}$
 $C \dagger P\ddot{e}C \bar{r}P \gg C -$ $P' C - C \bar{r}P_{\mu}P \bar{i}C, PsP \gg^{B\circ}$, $P_jPsP \P C \bar{r}C, CH\bar{h} P \bar{i}PsC \bar{r}P\ddot{e}P \gg C\bar{h}PIP^{\circ}C, P\ddot{e} PrC - C \bar{r}C\bar{h}P_{\mu}P \cdot$,
 $P \cdot PsPeC\bar{h}P_{\mu}P_jP^{\circ}$ $C \bar{r} P \bar{i}P^{\circ}C \dagger C - C''PSC, C - PI C - P \cdot$ $PSP^{\circ}P \pm C\bar{h}C \bar{r}PeP^{\circ}P_jP\ddot{e}$, $P \cdot C \bar{r}P_jPsPIP \gg P_{\mu}PSP\ddot{e}P_jP\ddot{e}$
 $P \cdot P^{\circ}C \dots PIPsC\bar{h}C\bar{h}PIP^{\circ}PSPSC \bar{r}P_jP\ddot{e}$ $C \bar{r}P_{\mu}C\bar{h}C \dagger P_{\mu}PIP s - C \bar{r}C \bar{r}PrP\ddot{e}PSPSPsC -$ $C \bar{r}P\ddot{e}C \bar{r}C, P_{\mu}P_jP\ddot{e}$.

$P \bar{y}P_{\mu}C\bar{h}P_jC - PS$ $P \bar{i}C\bar{h}P\ddot{e}PrP^{\circ}C, PSPsC \bar{r}C, C -$. 5 $C\bar{h}PsPeC - PI$.

$P_jP_jPsPIP\ddot{e} P \cdot P \pm P_{\mu}C\bar{h}C - PiP^{\circ}PSPSC \bar{r}$.

$P - P \pm P_{\mu}C\bar{h}C - PiP^{\circ}C, P\ddot{e} P \bar{i}C\bar{h}P\ddot{e} C, P_{\mu}P_jP \bar{i}P_{\mu}C\bar{h}P^{\circ}C, C \bar{r}C\bar{h}C -$ $PSP_{\mu} PIP\ddot{e}C \% P_{\mu} 25^{\circ}P \bar{y}$.
 $P - P \pm P_{\mu}C\bar{h}C - PiP^{\circ}C, P\ddot{e} C \bar{r} PSP_{\mu}PrPsC \bar{r}C, C \bar{r}P \bar{i}PSPsP_jC \bar{r} PrP \gg C \bar{r} PrC - C, P_{\mu}PN_{\bar{e}} P_jC - C \bar{r}C \dagger C -$.

$P_jP \bar{i}P^{\circ}PePsPIP\ddot{e}P^{\circ}$.

$P \bar{y}P^{\circ}P \pm P \gg P_{\mu}C, PeP\ddot{e} 100 P_jPi/20P_jPi$.

PICrP », $\text{P}_{\text{H}}\text{P}^{\circ}\text{C}\text{H}\text{C}\epsilon$. $\text{P}^{\circ}\text{P}\parallel$. $\text{P}_{\text{H}}\text{C}-\text{P}\rangle\text{C}\text{I}\text{C}\text{rPrC}\text{I}\text{C}\text{H}\text{B}\text{ePsPiPs}$ 5, 95-200, $\text{P}_{\text{H}}\text{P}^{\circ}\text{P}\pm\text{B}\text{H}^{\text{TM}}\text{C}\text{IPSC}-\text{C}\text{rP}\mu$,
 $\text{P}_{\text{H}}\text{PsP}\rangle\text{C}\text{H}\text{C}\%_{\text{O}}\text{P}^{\circ}$.