

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

РлP»P°CḡPëC, CḡPsPjC-C†PëPS вḡ“ PSP°PïC-PICḡPëPSC, PμC, PëC±PSPëPNë
P°PSC, PëP±C-PsC, PëPe PïCḡCḡPïPë PjP°PeCḡPsP»C-PrC-PI.
PḡPSC, PëP±P°PeC, PμCḡC-P°P»CḡPSP° PrC-Cḡ PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ
PIPëP·PSP°C±P°C”C, CḡCḡCḡ PNëPsPiPs P·PIBḡ™ CḡP·CḡPIP°PSPSCḡPj P·5OS-
CḡPëP±PsCḡPsPjP°P»CḡPSPsCḡ CḡCḡP±PsPrPëPSPëC†PμCḡ C±CḡC, P»PëPIPëC...
P±P°PeC, PμCḡC-PNë C- PïCḡPëPiPSC-C†PμPSPSCḡPj P±C-PsCḡPëPSC, PμP·Cḡ
P±C-P»PeP°. PḡCḡPμPïP°CḡP°C, PIPëCḡPIP»CḡC” PIPëCḡPsPeCḡ
PμC,, PμPeC, PëPIPSC-CḡC, Cḡ *in vitro* PïCḡPsC, Pë CëPëCḡPsPePsPiPs CḡPïPμPeC, CḡP°
P°PμCḡPsP±PSPëC... C, P° P°PSP°PμCḡPsP±PSPëC... PïCḡP°PjPïPsP·PëC, PëPIPSPëC... C, P°
PïCḡP°PjPSPμPiP°C, PëPIPSPëC... PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI, Cḡ C, PsPjCḡ C†PëCḡP»C-
PiPsCḡPïC-C, P°P»CḡPSPëC... CëC, P°PjC-PI. PḡC-PSC-PjP°P»CḡPSC-
PïCḡPëPiPSC-C†CḡPIP°P»CḡPSC- PePsPSC†PμPSC, CḡP°C†C-C— (PḡPḡPḡ)
PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ P·P°P·PIPëC±P°PNë PI PrPIP° CḡP°P·Pë PSPëPḡC±C- P·P°
PḡPḡPḡ PμCḡPëC, CḡPsPjC-C†PëPSCḡ.

РлP»P°CḡPëC, CḡPsPjC-C†PëPS *in vitro* PIPëCḡPsPePsPμC,, PμPeC, PëPIPSPëPNë PïCḡPsC, Pë
Legionella pneumophila C- Mycoplasma pneumoniae. P”C-C” P±P°PeC, PμCḡPëC†PëPrPSPs
PIC-PrPSPsCḡPSPs H. Pylori, P°PeC, PëPIPSC-CḡC, Cḡ PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ
PïCḡPë PSPμPNëC, CḡP°P»CḡPSPsPjCḡ pH C” PIPëC%PsCḡ, PSC-Pḡ PïCḡPë PePëCḡP»PsPjCḡ
pH. P”P°PSC- in vitro C, P° in vivo CḡPIC-PrC±P°C, Cḡ PïCḡPs PIPëCḡPsPeCḡ
PμC,, PμPeC, PëPIPSC-CḡC, Cḡ PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ C%PsPrPs PeP»C-PSC-C±PSPs
P·PSP°C±CḡC%PëC... CëC, P°PjC-PI PjC-PePsP±P°PeC, PμCḡC-PNë. P”PsCḡP»C-PrPḡPμPSPSCḡ in
vitro PïPsPeP°P·P°P»Pë, C%Ps CëC, P°PjPë Enterobacteriaceae C- Pseudomonas, CḡPe C-
PïCḡP°PjPSPμPiP°C, PëPIPSC- P±P°PeC, PμCḡC-C—, C%Ps PSPμ PïCḡPsPrCḡPeCḡCḡ, Cḡ
P»P°PeC, PsP·Cḡ, PSPμ C±CḡC, P»PëPIC- PrPs PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ.

PḡC-PeCḡPsP±C-PsP»PsPiC-Cḡ

РлP»P°CḡPëC, CḡPsPjC-C†PëPS P°PeC, PëPIPSPëPNë in vitro C- PI PeP»C-PSC-C±PSC-PNë
PïCḡP°PeC, PëC†C- PIC-PrPSPsCḡPSPs P±C-P»CḡCëPsCḡC, C- CëC, P°PjC-PI C, P°PePëC...
PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI.

PḡPμCḡPsP±PSC- PïCḡP°PjPïPsP·PëC, PëPIPSC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPë: Staphylococcus aureus, Streptococcus pneumoniae, Streptococcus pyogenes, Listeria monocytogenes.

PḡPμCḡPsP±PSC- PïCḡP°PjPSPμPiP°C, PëPIPSC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPë: Haemophilus influenzae, Haemophilus parainfluenzae, Moraxella catarrhP°lis, Neisseria gonorrhPseae, Legionella pneumophila.

P†PSCëC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPë: Mycoplasma pneumoniae, Chlamydia pneumoniae (TWAR).

PḡC-PePsP±P°PeC, PμCḡC-C—: Mycobacterium leprae, Mycobacterium kansasii, Mycobacterium chelonae, Mycobacterium fortuitum, Mycobacterium avium Cḡomplex (MAC), CḡPeC- PIPeP»CḡC±P°CḡC, Cḡ Mycobacterium avium, Mycobacterium intracellulare.

P·PμC, P°-P»P°PeC, P°PjP°P·Pë PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI PSPμ PIPïP»PëPIP°CḡC, Cḡ PSP° PμC,, PμPeC, PëPIPSC-CḡC, Cḡ PeP»P°CḡPëC, CḡPsPjC-C†PëPSCḡ.

PjC-PePsP±P°PeC, PμCḡC-P°P»CHḡPSC- C-PSC,, PμPeC†C-C—, CḡPḡCḡPēC†PēPSPμPSC-
Mycobacterium avium P°P±Ps *Mycobacterium intracellulare*. P>PsPeP°P»C-P·PsPIP°PSC-
C-PSC,, PμPeC†C-C—, CḡPḡCḡPēC†PēPSPμPSC- *Mycobacterium chelonae*, *Mycobacterium*
fortuitum P°P±Ps *Mycobacterium kansasii*.

B· P·CḡP°PrPēPeP°C†C-Cḡ *H. pylori* Cḡ PḡP°C†C-C”PSC,C-PI P· PIPēCḡP°P·PePsCḡ
PrPIP°PSP°PrC†CḡC, PēPḡP°P»PsC— PePēC€PePē PḡCḡPē PḡCḡPēPiPSC-C†PμPSPSC-
CḡPμPeCḡPμC†C-C— CḡPsP»CḡPSPsC— PePēCḡP»PsC, Pē (P°PeC, PēPIPSC-CḡC, CH
PeP»P°CḡPēC, CḡPsPjC-C†PēPSCḡ PḡCḡPsC, Pē *H. pylori* PḡCḡPē PSPμPNḡC, CḡP°P»CHḡPSPsPjCḡ pH
C” PIPēC%PsCḡ, PSC-Pḡ PḡCḡPē PePēCḡP»PsPjCḡ pH).

PμCḡPsC, PēPḡPsPeP°P·P°PSPSCḡ.

PμC-PrPIPēC%PμPSP° C†CḡC, P»PēPIC-CḡC, CH PrPs PjP°PeCḡPsP»C-PrPSPēC...
P°PSC, PēP±C-PsC, PēPeC-PI C, P° PrPs C-PSC€PēC... PePsPjPḡPsPSPμPSC, C-PI
PḡCḡPμPḡPḡCḡP°C, Cḡ. PḡPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ
PeP»P°CḡPēC, CḡPsPjC-C†PēPSCḡ C, P° P±CḡPrCḡ-CḡPePsPiPs P·
PSPēPḡC†PμP·P°P·PSP°C†PμPSPēC... PḡCḡPμPḡPḡCḡP°C, C-PI: P°CḡC, PμPjC-P·PsP»,
C†PēP·P°PḡCḡPēPr, PḡC-PjPsP·PēPr, C, PμCḡC,, PμPSP°PrPēPS (PsCḡPeC-P»CHḡPePē C†Pμ PjPsPḡPμ
PḡCḡPēP·PIPμCḡC, Pē PrPs PḡPsPrPsPIPḡPμPSPSCḡ C-PSC, PμCḡPIP°P»Cḡ QT C, P°
CḡPsP·PIPēC, PeCḡ CḡPμCḡC†PμPIPēC... P°CḡPēC, PjC-PNḡ, PIPeP»CḡC†P°CḡC†Pē
C€P»CḡPSPsC†PePsPICḡ C, P°C...C-PeP°CḡPrC-Cḡ, C,, C-P±CḡPēP»CḡC†C-Cḡ
C€P»CḡPSPsC†PeC-PI C, P° torsades de pointes), P°P»PeP°P»PsC—PrPē CḡC-PḡPeC-PI,
PSP°PḡCḡPēPeP»P°Pr PμCḡPiPsC, P°PjC-PS, PrPēPiC-PrCḡPsPμCḡPiPsC, P°PjC-PS
(PsCḡPeC-P»CHḡPePē C†Pμ PjPsPḡPμ PḡCḡPēP·PIPμCḡC, Pē PrPs
PμCḡPiPsC, PsPeCḡPēC†PSPsCḡC, C-), C-PSPiC-P±C-C, PsCḡPē P”PḡP”-PḡPsPḡ-
CḡPμPrCḡPeC, P°P·Pē (CḡC, P°C, PēPSPē), C%Ps P·PSP°C†PSPsCḡ PjC-CḡPsCḡ
PjPμC, P°P±PsP»C-P·CḡCḡ, CHCḡCḡ CYP3A4 (P»PsPIP°CḡC, P°C, PēPS P°P±Ps
CḡPēPjPIP°CḡC, P°C, PēPS), C†PμCḡPμP· PḡC-PrPIPēC%PμPSPēPNḡ CḡPēP·PēPe
PIPēPSPēPePSPμPSPSCḡ PjC-PsPḡP°C, C-C—, PIPeP»CḡC†P°CḡC†Pē
CḡP°P±PrPsPjC-PsP»C-P· (PrPēPI. CḡPsP·PrC-P»Pē B«PḡCḡPsP±P»PēPIPSCḡC, C-
P·P°CḡC, PsCḡCḡPIP°PSPSCḡB», B«P’P·P°C”PjPsPrC-Cḡ P· C-PSC€PēPjPē
P»C-PeP°CḡCḡCHḡPePēPjPē P·P°CḡPsP±P°PjPē C, P° C-PSC€C- PIPēPrPē
PIP·P°C”PjPsPrC-PNḡB»).

PḡPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PeP»P°CḡPēC, CḡPsPjC-C†PēPSCḡ C, P°
PḡPμCḡPsCḡP°P»CHḡPSPsPiPs PjC-PrP°P·PsP»P°PjCḡ (PrPēPI. B«P’P·P°C”PjPsPrC-Cḡ P·
C-PSC€PēPjPē P»C-PeP°CḡCḡCHḡPePēPjPē P·P°CḡPsP±P°PjPē C, P° C-PSC€C- PIPēPrPē
PIP·P°C”PjPsPrC-PNḡB»).

P’CḡPsPrPḡPμPSPμ P°P±Ps PICḡC, P°PSPsPIP»PμPSPμ PSP°P±CḡC, Pμ PḡPsPrPsPIPḡPμPSPSCḡ
C-PSC, PμCḡPIP°P»Cḡ QT P°P±Ps C€P»CḡPSPsC†PePsPIC- CḡPμCḡC†PμPIC-
P°CḡPēC, PjC-C— PI P°PSP°PjPSPμP·C-, PIPeP»CḡC†P°CḡC†Pē torsades de pointes (PrPēPI.
CḡPsP·PrC-P»Pē B«PḡCḡPsP±P»PēPIPSCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡB»,
B«P’P·P°C”PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡCḡCHḡPePēPjPē P·P°CḡPsP±P°PjPē
C, P° C-PSC€C- PIPēPrPē PIP·P°C”PjPsPrC-PNḡB»). P·P»PμPeC, CḡPsP»C-C, PSC-
PḡPsCḡCḡC€PμPSPSCḡ (PiC-PḡPsPeP°P»C-C”PjC-Cḡ P°P±Ps PiC-PḡPsPjP°PiPSC-C”PjC-Cḡ),
CḡPēP·PēPe PḡPsPrPsPIPḡPμPSPSCḡ C-PSC, PμCḡPIP°P»Cḡ QT.

P·P°CÍC,PsCÍCÍPIP°PSPSC- PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr C-
C,PµCĤC,,PµPSP°PrPëPSCr CÍPíPsCÍC,PµCĤC-PiP°P»PsCÍCÍ PíC-PrPIPëC%PµPSPSCÍ
CĤC-PIPSCÍ PePëCÍP»PsC,PSPsPiPs PjPµC,P°P±PsP»C-C,Cr C,PµCĤC,,PµPSP°PrPëPSCr
Cr 2BĤ“3 CĤP°P·Pë C,P° PíPsPrPsPIP¶PµPSPSCÍ C-PSC,PµCĤPIP°P»Cr QT, C%Ps PSPµ
PíCĤPëP·PIPµP»Ps PSC- PrPs CÍPePsPiPs PeP»C-PSC-C†PSPs PIPëPrPëPjPsPiPs
PµC,,PµPeC,Cr. PµPsPrC-P±PSC- PµC,,PµPeC,Pë PIC-PrPjC-C†P°P»PëCÍCÍ C- PíCĤPë
PsPrPSPsC†P°CÍPSPsPjCr P·P°CÍC,PsCÍCÍPIP°PSPSC- P°CÍC,PµPjC-P·PsP»Cr C,P°
C-PSC€PëC... PjP°PeCĤPsP»C-PrC-PI.

PĥP»PeP°P»PsC—PrPë CĤC-P¶PeC-PI

PµPsCÍC,PjP°CĤPePµC,PëPSPiPsPIC- PíPsPIC-PrPsPjP»PµPSPSCÍ CÍPIC-PrC†P°C,CH, C%Ps
PsPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr PNe
PµCĤPiPsC,P°PjC-PSCr P°P±Ps PrPëPiC-PrCĤPsPµCĤPiPsC,P°PjC-PSCr
P°CÍPsC†C-CĤPIP°P»PsCÍCÍ P· PíPsCÍPIPíPsCĤ PsP·PSP°Pe PíPsCÍC,CĤPsPiPs
PµCĤPiPsC,PëP·PjCr, C%Ps C...P°CĤP°PeC,PµCĤPëP·CrPIP°P»PsCÍCÍ PIP°P·PsCÍPíP°P·PjPsPj
C,P° C-C€PµPjC-C”CĤ PeC-PSC†C-PIPsPe C- C-PSC€PëC... C,PeP°PSPëPS, PIPëP»CĤC†P°CĤC†Pë
C†PµPSC,CĤP°P»CHPSCr PSPµCĤPIPíPsPICr CÍPëCÍC,PµPjCr. PĥPrPSPsC†P°CÍPSPµ
PíCĤPëP·PSP°C†PµPSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr C,P° P°P»PeP°P»PsC—PrC-PI
CĤC-P¶PeC-PI PíCĤPsC,PëPíPsPeP°P·P°PSPµ (PrPëPI. B«PµCĤPsC,PëPíPsPeP°P·P°PSPSCÍB»).

PµPµCĤPsCĤP°P»CHPSPëPNe PjC-PrP°P·PsP»P°Pj

PµCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PjC-PrP°P·PsP»P°PjCr P· C,P°P±P»PµC,PeP°PjPë
PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr (500 PjPi 2 CĤP°P·Pë PSP° PrPsP±Cr) AUC
PjC-PrP°P·PsP»P°PjCr P·P±C-P»CHC€CÍPIP°P»P°CÍCÍ Cr 7 CĤP°P·C-PI PíC-CÍP»CÍ
PíPµCĤPsCĤP°P»CHPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PjC-PrP°P·PsP»P°PjCr.
PĥPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PíPµCĤPsCĤP°P»CHPSPsPiPs
PjC-PrP°P·PsP»P°PjCr C- PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr PíCĤPsC,PëPíPsPeP°P·P°PSPµ
(PrPëPI. CĤPsP·PrC-P» B«PµCĤPsC,PëPíPsPeP°P·P°PSPSCÍB»).

P†PSPiC-P±C-C,PsCĤPë P”PjPi-PµPsPĥ-CĤPµPrCáPeC,P°P·Pë (CÍC,P°C,PëPSPë)

PĥPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr P·
P»PsPIP°CÍC,P°C,PëPSPsPj P°P±Ps CÍPëPjPIP°CÍC,P°C,PëPSPsPj PíCĤPsC,PëPíPsPeP°P·P°PSPµ
(PrPëPI. B«PµCĤPsC,PëPíPsPeP°P·P°PSPSCÍB»), PsCÍPeC-P»CHPePë C†C- CÍC,P°C,PëPSPë
P·PSP°C†PSPsCĤ PjC-CĤPsCĤ PjPµC,P°P±PsP»C-P·CrCĤC,CHCÍCÍ CYP3A4 C-
PsPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ C-P·
PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj PíC-PrPIPëC%CrC” C—C...
PePsPSC†PµPSC,CĤP°C†C-CĤ Cr PíP»P°P·PjC- PeCĤPsPIC-, C%Ps, CÍPIPíC”CĤ
C†PµCĤPiPsCĤ, PíC-PrPIPëC%CrC” CĤPëP·PëPe PIPëPSPëPePSPµPSPSCÍ
PjC-PsPíP°C,C—, PIPëP»CĤC†P°CĤC†Pë CĤP°P±PrPsPjC-PsP»C-P·
PµPsPIC-PrPsPjP»CÍP»PsCÍCÍ PíCĤPs CĤPsP·PIPëC,PsPe CĤP°P±PrPsPjC-PsP»C-P·Cr Cr
PíP°C†C-C”PSC,C-PI PíCĤPë PsPrPSPsC†P°CÍPSPsPjCr P·P°CÍC,PsCÍCÍPIP°PSPSC-
PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr C,P° C†PëC... CÍC,P°C,PëPSC-PI. PíPeC%Ps
P»C-PeCÍPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj PSPµPjPsP¶P»PëPIPí
CÍPSPëPePSCrC,Pë, C,PµCĤP°PíC-CĤ P»PsPIP°CÍC,P°C,PëPSPsPj P°P±Ps
CÍPëPjPIP°CÍC,P°C,PëPSPsPj PSPµPsP±C...C-PrPSPs PíCĤPëPíPëPSPëC,Pë PíC-Pr C†P°CÍ
PeCÍCĤCÍCr P»C-PeCÍPIP°PSPSCÍ.

PŸP»C-Pr P· PsP±PµCĤPµP¶PSC-CÍC,CĤ PíCĤPëP·PSP°C†P°C,Pë PeP»P°CĤPëC,CĤPsPjC-C†PëPS

PsPrPSPsC±P°CÍPSPs P· C-PSC€PëPjPë CÍC,P°C,PëPSP°PjPë. P' CÍPëC,CrP°C†C-CÍC..., PePsP»Pë
PsPrPSPsC±P°CÍPSPsPiPs P·P°CÍC,PsCÍCrPIP°PSPSCÍ PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr P·C-
CÍC,P°C,PëPSP°PjPë CrPSPëPePSCrC,Pë PSPµPjPsP¶P»PëPIPs,
CÍPµPePsPjPµPSPrCrC" C,CHCÍCÍ PíCÍPëP·PSP°C±P°C,Pë PSP°PNëPjPµPSC€CÍ
P·P°CÍPµC" CÍC,CÍPSPiP°PSCr PrPsP·Cr CÍC,P°C,PëPSCr. PñPsP¶P»PëPIPµ
P·P°CÍC,PsCÍCrPIP°PSPSCÍ CÍC,P°C,PëPSCr, CÍPePëPNë PSPµ P·P°P»PµP¶PëC,CH PIC-Pr
PjPµC,P°P±PsP»C-P·PjCr CYP3A (PSP°PíCÍPëPeP»P°Pr C,,P»CrPIP°CÍC,P°C,PëPSCr).
PíPµPsP±C...C-PrPSPëPNë PjPsPSC-C,PsCÍPëPSPi CÍC,P°PSCr PíP°C†C-C" PSC,C-PI
C%PsPrPs PIPëCÍPIP»PµPSPSCÍ PsP·PSP°Pe C- CÍPëPjPíC,PsPjC-PI PjC-PsPíP°C,C-C—.

P>PsPjC-C,P°PíC-Pr

PñPrPSPsC±P°CÍPSPëPNë PíCÍPëPNëPsPj PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr P·
P»PsPjC-C,P°PíC-PrPsPj PíCÍPSPs,PëPíPsPeP°P·P°PSPëPNë C±PµCÍPµP· PjPsP¶P»PëPIC-CÍC,CH
P·PSP°C±PSPsPiPs PíC-PrPIPëC%PµPSPSCÍ CÍC-PIPSCÍ C,CÍP°PSCÍP°PjC-PSP°P· (PrPëPI.
B«PµCÍPSPsC,PëPíPsPeP°P·P°PSPSCÍB»).

PµCÍPSPsC,PëPíPsPeP°P·P°PSPµ P·P°CÍC,PsCÍCrPIP°PSPSCÍ PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr P·
C,PëPeP°PíCÍPµP»PsCÍPSPj, C-PIP°P±CÍP°PrPëPSPsPj C- CÍP°PSPsP»P°P·PëPSPsPj, CÍPeC-
PjPµC,P°P±PsP»C-P·CrCÍC,CHCÍCÍ PíPµCÍPµPIP°P¶PSPs CYP3A4 (PrPëPI.
B«PµCÍPSPsC,PëPíPsPeP°P·P°PSPSCÍB»).

*P'PíP»PëPI C-PSC€PëC... P»C-PeP°CÍCÍCHPePëC... P·P°CÍPsP±C-PI PSP°
PeP»P°CÍPëC,CÍPSPjC-C†PëPS.*

P>C-PeP°CÍCÍCHPeC- P·P°CÍPsP±Pë, C%Ps C" C-PSPrCrPeC,PsCÍP°PjPë CYP3A
(PSP°PíCÍPëPeP»P°Pr CÍPëC,,P°PjPíC-C†PëPS, C,,PµPSC-C,PsC—PS,
PeP°CÍP±P°PjP°P·PµPíC-PS, C,,PµPSPsP±P°CÍP±C-C,P°P», PíCÍPµPíP°CÍP°C,Pë
P·PIC-CÍPSPsP±PsCÍ), PjPsP¶CrC,CH C-PSPrCrPeCrPIP°C,Pë PjPµC,P°P±PsP»C-P·Pj
PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr. PíPµ PjPsP¶Pµ PíCÍPëP·PIPµCÍC,Pë PrPs
CÍCrP±C,PµCÍP°PíPµPIC,PëC±PSPëC... CÍC-PIPSC-PI PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr C,P°
P·PSPëP¶PµPSPSCÍ PNëPsPiPs PµC,,PµPeC,PëPIPSPsCÍC,C-. PñCÍC-Pj C,PsPiPs, PjPsP¶Pµ
P±CrC,Pë PSPµPsP±C...C-PrPSPëPj PjPsPSC-C,PsCÍPëPSPi PíP»P°P·PjPsPIPëC... CÍC-PIPSC-PI
C-PSPrCrPeC,PsCÍP° CYP3A, CÍPeC- PjPsP¶CrC,CH P±CrC,Pë PíC-PrPIPëC%PµPSC-
C±PµCÍPµP· C-PSPiC-P±CrPIP°PSPSCÍ CYP3A PeP»P°CÍPëC,CÍPSPjC-C†PëPSPsPj (PrPëPI.
C,P°PePsP¶ C-PSCÍC,CÍCrPeC†C-CÍ PrP»CÍ PjPµPrPëC±PSPsPiPs P·P°CÍC,PsCÍCrPIP°PSPSCÍ
PIC-PrPíPsPIC-PrPSPsPiPs C-PSPrCrPeC,PsCÍP° CYP3A4). PñPrPSPsC±P°CÍPSPµ
P·P°CÍC,PsCÍCrPIP°PSPSCÍ CÍPëC,,P°P±CrC,PëPSCr C- PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr
PíCÍPëP·PIPPrPëP»Ps PrPs PíC-PrPIPëC%PµPSPSCÍ CÍC-PIPSC-PI CÍPëC,,P°P±CrC,PëPSCr
C,P° P·PSPëP¶PµPSPSCÍ CÍC-PIPSC-PI PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr PI
CÍPëCÍPSPiP°C,C†C- PeCÍPSPiC- P· PsPrPSPsC±P°CÍPSPëPj PíC-PrPIPëC%PµPSPSCÍPj
CÍPëP·PëPeCr PíPsCÍPIPë CrPIPµC—C,Cr.

*PíPëP¶C±Pµ P·P°P·PSP°C±PµPSPs P»C-PeP°CÍCÍCHPeC- P·P°CÍPsP±Pë, PíPíP»PëPI CÍPePëC...
PSP° PePsPSC†PµPSC,CÍP°C†C-CÍ PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr PI PeCÍPSPiC-
PIC-PrPsPjPëPNë P°P±Ps PíCÍPëPíCÍCrPëP°C" C,CHCÍCÍ, C,PsPjCr PjPsP¶Pµ
P·PSP°PrPsP±PëC,PëCÍCÍ P·PjC-PSP° PrPsP·Pë PeP»P°CÍPëC,CÍPSPjC-C†PëPSCr P°P±Ps
P·P°CÍC,PsCÍCrPIP°PSPSCÍ P°P»CHC,PµCÍPSP°C,PëPIPSPsC— C,PµCÍP°PíC-C—.*

*P·C,,P°PIC-CÍPµPSC†, PSPµPIC-CÍP°PíC-PS, CÍPëC,,P°PjPíC-C†PëPS, CÍPëC,,P°P±C¿C,PëPS C-
CÍPëC,,P°PíPµPSC,PëPS*

РμPсC, CрP¶PSC- C-PSPrCрPеC, PsC¶Pë C,, PμC¶PjPμPSC, C-PI C†PëC, PsC...C¶PсPjCр P 450, C, P°PеC- C¶Pе PμC,, P°PIC-C¶PμPSC†, PSPμPIC-C¶P°PиC-PS, C¶PëC,, P°PjPиC-C†PëPS, C¶PëC,, P°P±CрC, PëPS C- C¶PëC,, P°PиPμPSC, PëPS PjPsP¶CрC, C¶PиC¶PëC¶PеPsC¶C¶PиP°C, Pë PjPμC, P°P±PsP»C-P·Pj PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр, P·PjPμPSC€CрC¶Pë P№PsPiPs PеPsPSC†PμPSC, C¶P°C†C-C¶Pи PиP»P°P·PjC- PеC¶PсPIC-, P°P»Pμ P·P±C-P»C¶C€CрC¶Pë PеPsPSC†PμPSC, C¶P°C†C-C¶Pи 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр в¶P“ PjC-PеC¶PсP±C-PsP»PsPiC-C¶PSPs P°PеC, PëPIPSPsPiPs PjPμC, P°P±PsP»C-C, Cр. P¶C¶PеC-P»C¶PеPë PjC-PеC¶PсP±C-PsP»PsPiC-C¶PSP° P°PеC, PëPIPSC-C¶C, C¶P PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр C- 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр C¶C-P·PSP° PIC-PrPSPсC¶PSPs C¶C-P·PSPëC... P±P°PеC, PμC¶C-P№, PsC†C-PеCрPиP°PSPëP№ C, PμC¶P°PиPμPIC, PëC¶PSPëP№ PμC,, PμPеC, PjPsP¶Pμ P±CрC, Pë PSPμ PrPsC¶C¶PиPSCрC, PëP№ C¶PμC¶PμP· PsPrPSPсC¶P°C¶PSPμ P·P°C¶C, PsC¶CрPиP°PSPSC¶ PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр C, P° C-PSPrCрPеC, PsC¶C-PI C,, PμC¶PjPμPSC, C-PI C†PëC, PsC...C¶PсPjCр P 450.

P·C, C¶P°PIC-C¶PëPS

P”C-C¶ PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр PиPsC¶P»P°P±P»C¶PиP°P»P°C¶C¶ PμC, C¶P°PIC-C¶PëPSPsPj, PsPrPSP°Pе PеPsPSC†PμPSC, C¶P°C†C-C— P°PеC, PëPIPSPsPiPs PjPμC, P°P±PsP»C-C, Cр 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр PиC-PrPиPëC%оCрPиP°P»PëC¶C¶. P¶C¶PеC-P»C¶PеPë 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPS PjP°C” PиPsPSPëP¶PμPSCр P°PеC, PëPIPSC-C¶C, C¶PиC¶PсC, Pë *Mycobacterium avium complex (MAC)*, P·P°PиP°P»C¶PSP° P°PеC, PëPIPSC-C¶C, C¶PиC¶PсC, Pë C†C¶PсPiPs PиP°C, PsPiPμPSCр PjPsP¶Pμ P±CрC, Pë P·PjC-PSPμPSP°. P¶PsPjCр PrP»C¶ P»C-PеCрPиP°PSPSC¶ P¶P¶P¶P¶ C¶P»C-P C¶PсP·PиP»C¶PSCрC, Pë P·P°C¶C, PsC¶CрPиP°PSPSC¶ P°P»C¶C, PμC¶PSP°C, PëPIPSPëC... PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр P»C-PеP°C¶C¶C¶PеPëC... P·P°C¶PсP±C-PI.

PαP»CзPеPsPSP°P·PsP»

P¶PrPSPсC¶P°C¶PSPμ P·P°C¶C, PsC¶CрPиP°PSPSC¶ C,, P»CрPеPsPSP°P·PsP»Cр 200 PjPi PSP° PrPsP±Cр C- PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр 500 PjPi 2 C¶P°P·Pë PSP° PrPsP±Cр Cр 21 P·PrPsC¶PсPиPsPiPs PrPsP±C¶PсPиPsP»C¶C†C¶ PиC¶PëP·PиPsPrPëP»Ps PrPs PиC-PrPиPëC%оPμPSPSC¶ C¶C-PIPSPsPиP°P¶PSPсC— C_{min} PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр PSP° 33 % C, P° AUC в¶P“ PSP° 18 %. P C-PIPSPsPиP°P¶PSC- PеPsPSC†PμPSC, C¶P°C†C-C— P°PеC, PëPIPSPsPiPs PjPμC, P°P±PsP»C-C, Cр 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр P·PSP°C¶PSPs PSPμ P·PjC-PSC¶PиP°P»PëC¶C¶ PиC¶Pë PsPrPSPсC¶P°C¶PSPsPjCр P·P°C¶C, PsC¶CрPиP°PSPSC- C,, P»CрPеPsPSP°P·PsP»Cр. P—PjC-PSP° PrPsP·Pë PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр PSPμ PиPsC, C¶C-P±PSP°.

P PëC, PsPSP°PIC-C¶P

PαP°C¶PjP°PеPsPеC-PSPμC, PëC¶PSPμ PrPsC¶P»C-PrP¶PμPSPSC¶ PиPsPеP°P·P°P»Ps, C%оPs PsPrPSPсC¶P°C¶PSPμ P·P°C¶C, PsC¶CрPиP°PSPSC¶ C¶PëC, PsPSP°PIC-C¶Cр 200 PjPi PеPsP¶PSC- 8 PиPsPrPëPS C- PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр 500 PjPi PеPsP¶PSC- 12 PиPsPrPëPS PиC¶PëP·PиPsPrPëP»Ps PrPs P·PSP°C¶PSPsPiPs PиC¶PëPиPSC-C¶PμPSPSC¶ PjPμC, P°P±PsP»C-P·PjCр PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр. C_{max} PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр PиC-PrPиPëC%оCрPиP°P»PsC¶C¶ PSP° 31 %, C_{min} в¶P“ PSP° 182 % C- AUC в¶P“ PSP° 77 % PиC¶Pë PsPrPSPсC¶P°C¶PSPsPjCр P·P°C¶C, PsC¶CрPиP°PSPSC- C¶PëC, PsPSP°PIC-C¶Cр. P·C-PrPjC-C¶P°P»PsC¶C¶ PиPsPиPSPμ PиC¶PëPиPSC-C¶PμPSPSC¶ CрC, PиPsC¶PμPSPSC¶ 14-P¶Pк-PеP»P°C¶PëC, C¶PсPjC-C†PëPSCр. P¶PμC¶PμP· C¶PëC¶PсPеPëP№ C, PμC¶P°PиPμPIC, PëC¶PSPëP№ PrC-P°PиP°P·PsPS P·PjPμPSC€PμPSPSC¶ PrPsP·Pë

PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr PrP»Cḡ PïP°C†C-C”PSC, C-PI P· PSPsCḡPjP°P»CḡPSPsCḡ C,,CfPSPeC†C-C”Cḡ PSPëCḡPsPe PSPµ PïPsC, CḡC-P±PSPµ. PµCḡPsC, Pµ PrP»Cḡ PïP°C†C-C”PSC, C-PI P· PSPëCḡPePsPIPsCḡ PSPµPrPsC†C, P°C, PSC-C†C, Cḡ PSPµPsP±C...C-PrPSPµ PePsCḡPëPiCfPIP°PSPSCḡ PrPsP·Pë: PrP»Cḡ PïP°C†C-C”PSC, C-PI P· CL_{CR} 30Bḡ”60 PjP»/C...PI PrPsP·Cf PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr PSPµPsP±C...C-PrPSPs P·PSPëP·PëC, Pë PSP° 50 %. P”P»Cḡ PïP°C†C-C”PSC, C-PI P· CL_{CR} < 30 PjP»/C...PI PrPsP·Cf PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr PSPµPsP±C...C-PrPSPs P·PSPëP·PëC, Pë PSP° 75 %. P”PsP·Pë PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr, C%oPs PïPµCḡPµPIPëC%oCfCḡC, Cḡ 1 Pi/PrPµPSCḡ, PSPµ C†P»C-Pr P·P°C†C, PsC†PsPICfPIP°C, Pë CḡP°P·PsPj P· CḡPëC, PsPSP°PIC-CḡPsPj.

PÿP°PePµ P¶ PePsCḡPëPiCfPIP°PSPSCḡ PrPsP·Pë C†P»C-Pr PïCḡPsPIPsPrPëC, Pë PrP»Cḡ PïP°C†C-C”PSC, C-PI C·P· PïPsPiC-CḡC€PµPSPsCḡ C,,CfPSPeC†C-C”Cḡ PSPëCḡPsPe PïCḡPë P·P°C†C, PsC†CfPIP°PSPSC- CḡPëC, PsPSP°PIC-CḡC† CḡPe C,,P°CḡPjP°PePsPeC-PSPµC, PëC†PSPsPiPs PïC-PrC†PëP»CḡPIP°C†P° CḡP°P·PsPj P· C-PSC€PëPjPë C-PSPiC-P±C-C, PsCḡP°PjPë P’P†P>-PïCḡPsC, PµP°P·Pë, PIPeP»CḡC†P°CḡC†Pë P°C, P°P·P°PSP°PIC-Cḡ C- C†P°PePIC-PSP°PIC-Cḡ (PrPëPI. PSPëP¶C†Pµ B«P”PIPsP±C-C†PSPs C†PïCḡCḡPjPsPIP°PSC- P»C-PeP°CḡC†CḡPeC- PIP·P°C”PjPsPrC-C—B»).

P’PïP»PëPI PeP»P°CḡPëC, CḡPsPjC-C†PëPSCé PSP° C-PSC€C- P»C-PeP°CḡC†CḡPeC- P·P°C†PsP±Pë.

PḡPSC, PëP°CḡPëC, PjC-C†PSC- P·P°C†PsP±Pë

P†C†PSCrCḡC, Cḡ PïPsC†C, PjP°CḡPePµC, PëPSPiPsPIC- PïPsPIC-PrPsPjP»PµPSPSCḡ PïCḡPs CḡPsP·PIPëC, PsPe torsades de pointes, C%oPs PIPëPSPëPeP»Ps PïCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†CfPIP°PSPSC- PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr P· C...C-PSC-PrPëPSPsPj P°P±Ps PrPëP·PsPïC-CḡP°PjC-PrPsPj. P PµPePsPjPµPSPrC†C”C, CḡC†Cḡ PïCḡPsPIPsPrPëC, Pë P·P”P”- PjPsPSC-C, PsCḡPëPSPi PrP»Cḡ C†PIP°C”C†P°C†PSPsPiPs PIPëCḡPIP»PµPSPSCḡ PïPsPrPsPIP¶PµPSPSCḡ C-PSC, PµCḡPIP°P»C† QT PïC-Pr C†P°C† PsPrPSPsC†P°C†PSPsPiPs P·P°C†C, PsC†CfPIP°PSPSCḡ PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr P· C†PëPjPë PïCḡPµPïP°CḡP°C, P°PjPë. PµC-Pr C†P°C† C, PµCḡP°PïC-C— PeP»P°CḡPëC, CḡPsPjC-C†PëPSPsPj C†P»C-Pr C†C, PµP¶PëC, Pë P·P° PePsPSC†PµPSC, CḡP°C†C-CḡPjPë C†PëC... PïCḡPµPïP°CḡP°C, C-PI PI C†PëCḡPsPIP°C, C†C- PeCḡPsPIC-.

PµC-Pr C†P°C† PïPsC†C, PjP°CḡPePµC, PëPSPiPsPIPsPiPs P·P°C†C, PsC†CfPIP°PSPSCḡ P±C†P»Pë PïPsPIC-PrPsPjP»PµPSPSCḡ PïCḡPs PïC-PïPsPiP»C-PePµPjC-Cḡ PïCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†CfPIP°PSPSC- PeP»P°CḡPëC, CḡPsPjC-C†PëPSCr C- PrPëP·PsPïC-CḡP°PjC-PrC†, C, PsPjC† PSPµPsP±C...C-PrPSPëPµ PjPsPSC-C, PsCḡPëPSPi CḡC-PIPSCḡ PïP»CḡPePsP·Pë PeCḡPsPIC- PïCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†CfPIP°PSPSC- C†PëC... P·P°C†PsP±C-PI.

PµPµCḡPsCḡP°P»CḡPSC- PïC-PïPsPiP»C-PePµPjC-C†PSC- P·P°C†PsP±Pë/C-PSC†CéP»C-PS

PµCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†CfPIP°PSPSC- P· PïPµPIPSPëPjPë PïC-PïPsPiP»C-PePµPjC-C†PSPëPjPë P·P°C†PsP±P°PjPë, C, P°PePëPjPë CḡPe PSP°C, PµPiP»C-PSC-Pr C- CḡPµPïP°PiP»C-PSC-Pr, PeP»P°CḡPëC, CḡPsPjC-C†PëPS PjPsP¶Pµ C-PSPiC-P±C†PIP°C, Pë PµPSP·PëPj PÿYP3A, C%oPs PjPsP¶Pµ C†PïCḡPëC†PëPSPëC, Pë PïC-PïPsPiP»C-PePµPjC-Cḡ. P PµPePsPjPµPSPrPsPIP°PSPëPµ CḡPµC, PµP»CḡPSPëPµ PjPsPSC-C, PsCḡPëPSPi CḡC-PIPSCḡ PïP»CḡPePsP·Pë.

CYP3A-PïPsPIeḡ™ CḡP·P°PSC- PIP·P°C”PjPsPrC-C—|

PhPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PeP»P°CḡPëC,CḡPsPjC-C†PëPSCf,
PIC-PrPsPjPsPiPs CÍPe C-PSPIC-P±C-C,PsCḡ C,,PµCḡPjPµPSC,Cf CYP3A, C-
PiCḡPµPiP°CḡP°C,Cf, C%Ps PiPsP»PsPIPSPëPj C†PëPSPsPj PjPµC,P°P±PsP»C-P·CfC”C,CHCÍCÍ CÍ
CYP3A, PjPsP¶Pµ PiCḡPëP·PIPµCÍC,Pë PrPs PiC-PrPIPëC%PµPSPSCÍ
PePsPSC†PµPSC,CḡP°C†C-C— PsCÍC,P°PSPSCHPsPiPs PI PiP»P°P·PjC- PeCḡPsPIC-,
C%Ps, CÍPIPsC”Cḡ C†PµCḡPiPsCḡ, PjPsP¶Pµ PiC-PrCÍPëP»PëC,Pë P°P±Ps
PiPsPrPsPIP¶PëC,Pë PñPsPiPs C,PµCḡP°PiPµPIC,PëC†PSPëPñ PµC,,PµPeC, C-
PiPsP±C-C†PSC- PµC,,PµPeC,Pë. PŸP»C-Pr P±CfC,Pë PsP±PµCḡPµP¶PSPëPjPë PiCḡPë
P·P°CÍC,PsCÍCfPIP°PSPSC- PeP»P°CḡPëC,CḡPsPjC-C†PëPSCf PiP°C†C-C”PSC,P°Pj,
CÍPeC- PsC,CḡPëPjCfCḡC,CH C,PµCḡP°PiC-Cḡ P»C-PeP°CḡCÍCHPePëPjPë
P·P°CÍPsP±P°PjPë Bḡ” CÍCfP±CÍC,CḡP°C,P°PjPë CYP3A, PsCÍPsP±P»PëPIPs CÍPeC%Ps
CYP3A-CÍCfP±CÍC,CḡP°C, PjP°C” PICfP·CHPePëPñ C,PµCḡP°PiPµPIC,PëC†PSPëPñ
PrC-P°PiP°P·PsPS (PSP°PiCḡPëPeP»P°Pr PeP°CḡP±P°PjP°P·PµPiC-PS) C-/P°P±Ps
PµPeCÍC,PµPSCÍPëPIPSPs PjPµC,P°P±PsP»C-P·CfC”C,CHCÍCÍ C†PëPj PµPSP·PëPjPsPj.
PñPsP¶Pµ P±CfC,Pë PiPsC,CḡC-P±PSP° P·PjC-PSP° PrPsP·Pë C-, CÍPeC%Ps PjPsP¶P»PëPIPs,
CḡPµC,PµP»CHPSPëPñ PjPsPSC-C,PsCḡPëPSPi CÍPëCḡPsPIP°C,PePsPIPëC...
PePsPSC†PµPSC,CḡP°C†C-Pñ P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±Cf, C%Ps
PiPsP»PsPIPSPëPj C†PëPSPsPj PjPµC,P°P±PsP»C-P·CfC”C,CHCÍCÍ CYP3A, PrP»CÍ
PiP°C†C-C”PSC,C-PI, CÍPeC- PsPrPSPsC±P°CÍPSPs P·P°CÍC,PsCÍPsPICfCḡC,CH
PeP»P°CḡPëC,CḡPsPjC-C†PëPS.

PñPsCḡC,PëPePsCÍC,PµCḡPsC—PrPë

PŸP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCÍCÍ PsP±PµCḡPµP¶PSPsCÍC,C- PiCḡPë
PsPrPSPsC±P°CÍPSPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- PeP»P°CḡPëC,CḡPsPjC-C†PëPSCf P·
PePsCḡC,PëPePsCÍC,PµCḡPsC—PrP°PjPë PrP»CÍ CÍPëCÍC,PµPjPSPsPiPs P°P±Ps
C-PSPIP°P»CÍC†C-PñPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ, CÍPeC- PiPµCḡPµPIP°P¶PSPs
PjPµC,P°P±PsP»C-P·CfCḡC,CHCÍCÍ CYP3A, C†PµCḡPµP· PiPsC,PµPSC†C-PñPSPµ
P·P±C-P»CHC€PµPSPSCÍ CÍPëCÍC,PµPjPSPsPiPs PiPiP»PëPICf
PePsCḡC,PëPePsCÍC,PµCḡPsC—PrC-PI. Pj CḡP°P·C- PsPrPSPsC±P°CÍPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCÍ PiP°C†C-C”PSC,Pë PiPsPIPëPSPSC- PiPµCḡPµP±CfPIP°C,Pë PiC-Pr
CḡPµC,PµP»CHPSPëPj PSP°PiP»CÍPrPsPj PrP»CÍ PIPëCÍPIP»PµPSPSCÍ PiPsP±C-C†PSPëC...
CḡPµP°PeC†C-Pñ CÍPëCÍC,PµPjPSPëC... PePsCḡC,PëPePsCÍC,PµCḡPsC—PrC-PI.

P·C-PrPsPjPs (P°P±Ps PiCḡPëPiCfCÍPeP°C”C,CHCÍCÍ), C%Ps C,P°PeC- P»C-PeP°CḡCÍCHPeC-
PiCḡPµPiP°CḡP°C,Pë P°P±Ps PiCḡCfPiPë PiCḡPµPiP°CḡP°C,C-PI
PjPµC,P°P±PsP»C-P·CfCḡC,CHCÍCÍ PsPrPSPëPj C- C,PëPj P¶Pµ CYP3A-
C-P·PsC,,PµCḡPjPµPSC,PsPj: P°P»CHPiCḡP°P·PsP»P°Pj, P°CÍC,PµPjC-P·PsP»,
PeP°CḡP±P°PjP°P·PµPiC-PS, C†PëP»PsCÍC,P°P·PsP», C†PëP·P°PiCḡPëPr,
C†PëPeP»PsCÍPiPsCḡPëPS, PrPëP·PsPiC-CḡP°PjC-Pr, P°P»PeP°P»PsC—PrPë CḡC-P¶PeC-PI,
P»PsPIP°CÍC,P°C,PëPS, PjPµC,PëP»PiCḡPµPrPSC-P·PsP»PsPS, PjC-PrP°P·PsP»P°Pj,
PsPjPµPiCḡP°P·PsP», PiPµCḡPsCḡP°P»CHPSC- P°PSC,PëPePsP°PiCfP»CÍPSC,Pë
(PSP°PiCḡPëPeP»P°Pr PiP°CḡC,,P°CḡPëPS), P°C,PëPiPsPIC- P°PSC,PëPiCÍPëC...PsC,PëC†PSC-
P·P°CÍPsP±Pë (PSP°PiCḡPëPeP»P°Pr PePIPµC,C-P°PiC-PS), PiC-PjPsP·PëPr, C...C-PSC-PrPëPS,
CḡPëC,,P°P±CfC,PëPS, CÍPëP»PrPµPSP°C,,C-P», CÍPëPjPIP°CÍC,P°C,PëPS,
C,P°PeCḡPsP»C-PjCfCÍ, C,PµCḡC,,PµPSP°PrPëPS, C,CḡPëP°P·PsP»P°Pj C-
PIC-PSP±P»P°CÍC,PëPS, P°P»Pµ C†PµPñ CÍPiPëCÍPsPe PSPµ C” PiPsPIPSPëPj.
PµPsPrC-P±PSPëPñ PjPµC...P°PSC-P·Pj PIP·P°C”PjPsPrC— PIC-PrPjC-C†PµPSPëPñ PiCḡPë
P·P°CÍC,PsCÍCfPIP°PSPSC- C,,PµPSC-C,PsC—PSCf, C,PµPsC,,C-P»C-PSCf C-
PIP°P»CHPiCḡPsP°C,Cf, C%Ps PjPµC,P°P±PsP»C-P·CfCḡC,CHCÍCÍ C-PSC€PëPjPë

C-P·PsC,,PμCḡPjPμPSC,P°PjPë CÍPëCÍC,PμPjPë C†PëC,PsC...CḡPsPjCÍ P 450.

PμPμCḡPsCḡP°P»CHḡPSC- P°PSC,PëPePsP°PiCžP»CḡPSC,Pë PiCḡCḡPjPsC— PrC-C—. PμPμCḡPsCḡP°P»CHḡPSC- P°PSC,PëPePsP°PiCžP»CḡPSC,Pë PiCḡCḡPjPsC— PrC-C— PrP°P±C-PiP°C,CḡP°PS C,P° PμPrPsPeCÍP°P±P°PS C” CÍCÍP±CÍC,CḡP°C,P°PjPë PrP»Cḡ PμC,,P»CḡPeCÍPSPsPiPs PiPμCḡPμPSPsCÍPSPëPeP° P -PiP»C-PePsPiCḡPsC,PμC—PSCÍ (Pgp). P PëPIP°CḡPsPeCÍP°P±P°PS C,P° P°PiC-PeCÍP°P±P°PS PjPμC,P°P±PsP»C-P·CÍCḡC,CHḡCÍCḡ CYP3A4 C- C,P°PePsPḡ C” CÍCÍP±CÍC,CḡP°C,P°PjPë Pgp. P—P°CÍC,PsCÍCÍPIP°PSPSCḡ PiPμCḡPsCḡP°P»CHḡPSPëC... P°PSC,PëPePsP°PiCžP»CḡPSC,C-PI PiCḡCḡPjPsC— PrC-C—, C,P°PePëC... CḡPe PrP°P±C-PiP°C,CḡP°PS, CḡPëPIP°CḡPsPeCÍP°P±P°PS, P°PiC-PeCÍP°P±P°PS C,P° PμPrPsPeCÍP°P±P°PS, CÍCÍPjC-CÍPSPs P· PeP»P°CḡPëC,CḡPsPjC-C†PëPSPsPj PIPëPjP°PiP°C” PsP±PμCḡPμPḡPSPsCÍC,C-, PsCÍPsP±P»PëPIPs PrP»Cḡ PiP°C†C-C”PSC,C-PI, CḡPeC- PjP°CḡC,CHḡ PIPëCÍPsPePëPḡ CḡPëP·PëPe PIPëPSPëPePSPμPSPSCḡ PeCḡPsPiPsC,PμC±C- (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCḡB»).

PhPjPμPiCḡP°P·PsP»

PḡP»P°CḡPëC,CḡPsPjC-C†PëPS (500 PjPi PePsPḡPSC- 8 PiPsPrPëPS) P·P°CÍC,PsCÍPsPICÍPIP°P»Pë PI PePsPjP±C-PSP°C†C-C— P· PsPjPμPiCḡP°P·PsP»PsPj (40 PjPi PSP° PrPsP±CÍ) CÍ PrPsCḡPsCÍP»PëC... P·PrPsCḡPsPIPëC... PrPsP±CḡPsPiPsP»CHḡC†C-PI. P C-PIPSPsPIP°PḡPSC- PePsPSC†PμPSC,CḡP°C†C-C— PsPjPμPiCḡP°P·PsP»CÍ PI PiP»P°P·PjC- PiC-PrPIPëC%oCÍPIP°P»PëCÍCḡ (C_{max}, AUC₀₋₂₄ C- t_{1/2} PiC-PrPIPëC%oCÍPIP°P»PëCÍCḡ PSP° 30 %, 89 % C- 34 % PIC-PrPiPsPIC-PrPSPs). PμCḡPë P·P°CÍC,PsCÍCÍPIP°PSPSC- C,C-P»CHḡPePë PsPjPμPiCḡP°P·PsP»CÍ CÍPμCḡPμPrPSC” P·PSP°C†PμPSPSCḡ CḡPḡ C€P»CÍPSPePsPiPs CÍPsPeCÍ PiCḡPë PIPëPjC-CḡCḡPIP°PSPSC- PiCḡPsC,CḡPiPsPj 24 PiPsPrPëPS CÍC,P°PSPsPIPëP»Ps 5,2, PiCḡPë PsPrPSPsC†P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- PsPjPμPiCḡP°P·PsP»CÍ P· PeP»P°CḡPëC,CḡPsPjC-C†PëPSPsPj Bḡ” 5,7.

PḡPëP»PrPμPSP°C,,C-P», C,P°PrP°P»P°C,,C-P» C- PIP°CḡPrPμPSP°C,,C-P»

PḡPsPḡPμPS P· C†PëC... C-PSPiC-P±C-C,PsCḡC-PI C,,PsCÍC,,PsPrC-PμCÍC,PμCḡP°P·Pë PjPμC,P°P±PsP»C-P·CÍC”C,CHḡCÍCḡ (PiCḡPëPSP°PḡPjPSC- C†P°CÍC,PePsPiPs) P·P° CÍC†P°CÍC,Cḡ CYP3A, P° CYP3A PjPsPḡPμ C-PSPiC-P±C†PIP°C,PëCÍCḡ PsPrPSPsC†P°CÍPSPs PiCḡPëPḡPSCḡC,PëPj PeP»P°CḡPëC,CḡPsPjC-C†PëPSPsPj. PhPrPSPsC†P°CÍPSPëPḡ PiCḡPëPḡPSPsPj PeP»P°CḡPëC,CḡPsPjC-C†PëPSCÍ P· CÍPëP»PrPμPSP°C,,C-P»PsPj, C,P°PrP°P»P°C,,C-P»PsPj P°P±Ps PIP°CḡPrPμPSP°C,,C-P»PsPj PjPsPḡPμ PiCḡPëP·PiPsPrPëC,Pë PrPs P·P±C-P»CHḡC€PμPSPSCḡ PμPeCÍPiPsP·PëC†C-C— C-PSPiC-P±C-C,PsCḡP° C,,PsCÍC,,PsPrC-PμCÍC,PμCḡP°P·Pë, C,PsPjCÍ CÍP»C-Pr CḡPsP·PiP»CḡPrP°C,Pë PiPëC,P°PSPSCḡ PiCḡPs P·PSPëPḡPμPSPSCḡ PrPsP·Pë CÍPëP»PrPμPSP°C,,C-P»CÍ, C,P°PrP°P»P°C,,C-P»CÍ P°P±Ps PIP°CḡPrPμPSP°C,,C-P»CÍ.

PḡPμPsC,,C-P»C-PS, PeP°CḡP±P°PjP°P·PμPiC-PS

P PμP·CÍP»CHḡC,P°C,Pë PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrPḡPμPSCḡ PiPsPeP°P·P°P»Pë, C%oPs C-CÍPSCÍC” PSPμP·PSP°C†PSPμ, P°P»Pμ CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CÍC%oPμ (p≤0,05) P·P±C-P»CHḡC€PμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C-C— C,PμPsC,,C-P»C-PSCÍ P°P±Ps PeP°CḡP±P°PjP°P·PμPiC-PSCÍ PI PiP»P°P·PjC- PeCḡPsPIC- PiCḡPë C—C... PsPrPSPsC†P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- P· PeP»P°CḡPëC,CḡPsPjC-C†PëPSPsPj.

P·PëPrPsPICrPrPëPSCr P°P±Ps PrPëPrPµPsPeCfC-C-PSPsP·PëPSCr P'P†P>-
C-PSC,,C-PePsPIP°PSPëPj PrC-C,CfPj PSPµ PïPsPIC-PrPsPjP»CfP»PsCfCf. PÿP°PeP°
PIP·P°C" PjPsPrC-Cf PjP°P»PsPNëPjPsPIC-CfPSP° Cr CfP°P·C- P·P°CfC,PsCfCfPIP°PSPSCf
PeP»P°CfPëC,CfPsPjC-C†PëPSCr Cr PIPëPiP»CfPPrC- PIPSCrC,CfC-CëPSCfPsPIPµPSPSPsC-
C-PSC,,CfP·C-C—.

PαPµPSC-C,PsC—PS C,P° PIP°P»CHPïCfPsP°C,

P'CrP»Pë CfPïPsPSC,P°PSPSC- P°P±Ps PsPïCfP±P»C-PePsPIP°PSC- PïPsPIC-PrPsPjP»PµPSPSCf
PïCfPs PIP·P°C" PjPsPrC-Cf C-PSPiC-P±C-C,PsCfC-PI CYP3A, PIPeP»CfC†P°CfC†Pë
PeP»P°CfPëC,CfPsPjC-C†PëPS, P· P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë, CfPeC- PSPµ
PIPIP°P¶P°CfC,CHCfCf C,P°PePëPjPë, C%Ps PjPµC,P°P±PsP»C-P·CrCfC,CHCfCf CYP3A
(PSP°PïCfPëPeP»P°Pr C,,PµPSC-C,PsC—PS C,P° PIP°P»CHPïCfPsP°C,).
P PµPePsPjPµPSPPrCfC" C,CHCfCf PIPëP·PSP°C†PµPSPSCf CfC-PIPSC-PI C†PëC...
P»C-PeP°CfCfCHPePëC... P·P°CfPsP±C-PI Cr CfPëCfPsPIP°C,C†C- PeCfPsPIC- PïCfPë
PsPrPSPsC†P°CfPSPsPjCr PïCfPëP·PSP°C†PµPSPSC- C—C... P·
PeP»P°CfPëC,CfPsPjC-C†PëPSPsPj. PµPsPIC-PrPsPjP»CfP»PsCfCf PïCfPs
PïC-PrPIPëC%PµPSPSCf C—C... CfC-PIPSC-PI Cr CfPëCfPsPIP°C,C†C- PeCfPsPIC-.

P"PIPsP±C-C†PSPs CfPïCfCfPjPsPIP°PSC- P»C-PeP°CfCfCHPeC- PIP·P°C" PjPsPrC-C—

P"C-PrCfPsPeCfPëC...P»PsCfPsC...C-PS C,P° C...P»PsCfPsC...C-PS

P"°PSC- CfPïPsCfC,PµCfPµP¶PµPSCf PIPeP°P·CrCfC,CH PSP° C,Pµ, C%Ps
PsPrPSPsC†P°CfPSPëPNë PïCfPëPNëPsPj P°P·PëC,CfPsPjC-C†PëPSCr C,P°
PiC-PrCfPsPeCfPëC...P»PsCfPsC...C-PSCr Cr PïP°C†C-C"°PSC,C-PI P·
CfPµPIPjP°C,PsC—PrPSPëPj P°CfC,CfPëC,PsPj PïPsPI'CfP·P°PSPëPNë P·C-
P·P±C-P»CHCëPµPSPSCfPj CfPëP·PëPeCr CfPsP·PIPëC,PeCr CfPµCfC†PµPIPs-
CfCfPrPëPSPSPëC... PïPsPrC-PNë C,P° CfPµCfC†PµPIPs-CfCfPrPëPSPSPsC—
CfPjPµCfC,PSPsCfC,C-. PŞPµCfPµP· PjPsP¶P»PëPIC-CfC,CH PIPëPSPëPePSPµPSPSCf
PïPsPrC-P±PSPsPiPs CfPëP·PëPeCr PïCfPë PïCfPëPNëPsPjC- C-PSCëPëC...
PjP°PeCfPsP»C-PrC-PI Cr PePsPjP±C-PSP°C†C-C— P·
PiC-PrCfPsPeCfPëC...P»PsCfPsC...C-PSPsPj P°P±Ps C...P»PsCfPsC...C-PSPsPj, CfP»C-Pr
CfPµC,PµP»CHPSPs P·PIP°P¶CfPIP°C,Pë CfPïC-PIPIC-PrPSPsCëPµPSPSCf PePsCfPëCfC,CH/
CfPëP·PëPe PïPµCfPµPr PïCfPëP·PSP°C†PµPSPSCfPj PeP»P°CfPëC,CfPsPjC-C†PëPSCr
PïP°C†C-C"°PSC,P°Pj, CfPeC- PïCfPëPNëPjP°CfC,CH PiC-PrCfPsPeCfPëC...P»PsCfPsC...C-PS
P°P±Ps C...P»PsCfPsC...C-PS. PµP»P°CfPëC,CfPsPjC-C†PëPS CfP»C-Pr
P·P°CfC,PsCfPsPICrPIP°C,Pë P· PsP±PµCfPµP¶PSC-CfC,Cf PïP°C†C-C"°PSC,P°Pj, CfPeC-
PsC,CfPëPjCrCfC,CH P»C-PeP°CfCfCHPeC- P·P°CfPsP±Pë, C%Ps PïPsPrPsPIP¶CfCfC,CH
C-PSC,PµCfPIP°P» QT, C†PµCfPµP· PïPsC,PµPSC†C-PNëPSCr PjPsP¶P»PëPIC-CfC,CH
CfPïCfPëC†PëPSPµPSPSCf CfPµCfC†PµPIPsC— P°CfPëC,PjC-C— C,P° CfPµCfPNëPsP·PSPëC...
PïPsP±C-C†PSPëC... CfPµP°PeC†C-PNë P· P±PsPeCr CfPµCfC†PµPIPs-CfCfPrPëPSPSPsC—
CfPëCfC,PµPjPë.

PfC,P°P·P°PSP°PIC-Cf

PfPrPSPsC†P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSCf PeP»P°CfPëC,CfPsPjC-C†PëPSCr (500 PjPi
PrPIC-C†C- PSP° PrPµPSCf) P· P°C,P°P·P°PSP°PIC-CfPsPj (400 PjPi PsPrPëPS CfP°P· PSP°
PrPµPSCf), CfPeC- C" CfCfP±CfC,CfP°C,P°PjPë C,P° C-PSPiC-P±C-C,PsCfP°PjPë CYP3A,
PïCfPëP·PIPsPrPëP»Ps PrPs P·P±C-P»CHCëPµPSPSCf PµPeCfPïPsP·PëC†C-C—

PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr Cr 2 CḥP°P·Pë C, P° P·PjPµPSC€PµPSPSCŪ
PµPeCŪPīPsP·PëC†C-C— 14-PḥPḱ-PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr PSP° 70 % P·C-
P·P±C-P»CḥC€PµPSPSCŪPj AUC P°C, P°P·P°PSP°PIC-CḥCḥr PSP° 28 %. PḥCŪPeC-P»CḥPePë
PeP»P°CḥPëC, CḥPsPjC-C†PëPS PjP°C” C€PëCḥPsPePëPḤ C, PµCḥP°PīPµPIC, PëC†PSPëPḤ
PrC-P°PīP°P·PsPS, PSPµPjP°C” PSPµPsP±C...C-PrPSPsCŪC, C- Cr P·PSPëP¶PµPSPSC- PrPsP·Pë
PrP»CŪ PīP°C†C-C”PSC, C-PI P·PSPsCḥPjP°P»CḥPSPsCḥ C,,CŪPSPeC†C-C”Cḥ PSPëCḥPsPe.
P”PsP·CŪ PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr PSPµPsP±C...C-PrPSPs P·PjPµPSC€PëC, Pë PSP° 50 %
PrP»CŪ PīP°C†C-C”PSC, C-PI P·PeP»C-CḥPµPSCŪPsPj PeCḥPµP°C, PëPSC-PSCr 30-60 PjP»/C...PI
C- PSP° 75 % PrP»CŪ PīP°C†C-C”PSC, C-PI P·PeP»C-CḥPµPSCŪPsPj PeCḥPµP°C, PëPSC-PSCr
<30 PjP»/C...PI, PIPëPePsCḥPëCŪC, PsPICrCḥC†Pë PIC-PrPīPsPIC-PrPSCr C,,PsCḥPjCŪ
PIPëPīCŪCŪPeCŪ PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr. P”PsP·Pë
PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr, PIPëC%oC- PSC-P¶ 1000 PjPi PSP° PrPµPSCḥ, PSPµ
CŪP»C-Pr P·P°CŪC, PsCŪPSPICrPIP°C, Pë CḥP°P·PsPj P· C-PSPiC-P±C-C, PsCḥP°PjPë
PīCḥPsC, PµP°P·Pë.

P°P»PsPeP°C, PsCḥPë PeP°P»CḥC†C-C”PIPëC... PeP°PSP°P»C-PI

PŞPµCḥPµP· CḥPëP·PëPe P°CḥC, PµCḥC-P°P»CḥPSPsC— PiC-PīPsC, PµPSP·C-C— P·
PsP±PµCḥPµP¶PSC-CŪC, Cḥ CŪP»C-Pr P·P°CŪC, PsCŪPsPICrPIP°C, Pë
PeP»P°CḥPëC, CḥPsPjC-C†PëPS PsPrPSPsC†P°CŪPSPs P· P±P»PsPeP°C, PsCḥP°PjPë
PeP°P»CḥC†C-C”PIPëC... PeP°PSP°P»C-PI, C%oPs PjPµC, P°P±PsP»C-P·CŪC, CḥCŪCŪ CYP3A4
(C, P°PePëPjPë CŪPe PIPµCḥP°PīP°PjC-P», P°PjP»PsPrPëPīC-PS, PrPëP»C, C-P°P·PµPj). PµCḥPë
PIP·P°C”PjPsPrC-C— PjPsP¶CŪC, Cḥ PīC-PrPIPëC%oCŪPIP°C, PëCŪCŪ
PePsPSC†PµPSC, CḥP°C†C-C— PI PīP»P°P·PjC- CŪPe PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr, C, P°Pe C-
P±P»PsPeP°C, PsCḥC-PI PeP°P»CḥC†C-C”PIPëC... PeP°PSP°P»C-PI. Pj PīP°C†C-C”PSC, C-PI,
C%oPs PsC, CḥPëPjCŪPIP°P»Pë PeP»P°CḥPëC, CḥPsPjC-C†PëPS C- PIPµCḥP°PīP°PjC-P»
PsPrPSPsC†P°CŪPSPs, CŪPīPsCŪC, PµCḥC-PiP°P»PëCŪCŪ P°CḥC, PµCḥC-P°P»CḥPSP°
PiC-PīPsC, PµPSP·C-CŪ, P±CḥP°PrC-P°CḥPëC, PjC-C— C, P° P»P°PeC, PsP°C†PëPrPsP·.

P†C, CḥP°PePsPSP°P·PsP»

PḥP»P°CḥPëC, CḥPsPjC-C†PëPS C, P° C-C, CḥP°PePsPSP°P·PsP» C” CŪCŪP±CŪC, CḥP°C, P°PjPë
C, P° C-PSPiC-P±C-C, PsCḥP°PjPë CYP3A, PI P·PīPḥ™ CŪP·PeCŪ P· C†PëPj
PeP»P°CḥPëC, CḥPsPjC-C†PëPS PjPsP¶Pµ PīC-PrPIPëC%oCŪPIP°C, Pë CḥC-PIPSC-
C-C, CḥP°PePsPSP°P·PsP»CŪ PI PīP»P°P·PjC- PeCḥPsPIC- C, P° PSP°PIPīP°PePë. PµCḥPë
P·P°CŪC, PsCŪCŪPIP°PSPSC- C-C, CḥP°PePsPSP°P·PsP»CŪ PsPrPSPsC†P°CŪPSPs P·
PeP»P°CḥPëC, CḥPsPjC-C†PëPSPsPj PīP°C†C-C”PSC, Pë PīPsPIPëPSPSC- PīPµCḥPµP±CŪPIP°C, Pë
PīC-Pr PīPëP»CḥPSPëPj PSP°PīP»CŪPrPsPj PrP»CŪ PIPëCŪPIP»PµPSPSCŪ PsP·PSP°Pe C†Pë
CŪPëPjPīC, PsPjC-PI PīC-PrCŪPëP»PµPSPsPīPs P°P±Ps PīCḥPsP»PsPSPiPsPIP°PSPsPīPs
C,,P°CḥPjP°PePsP»PsPiC-C†PSPsPīPs PµC,,PµPeC, CŪ.

PŸP°PePIC-PSP°PIC-Cḥ

PḥPrPSPsC†P°CŪPSPµ P·P°CŪC, PsCŪCŪPIP°PSPSCŪ PeP»P°CḥPëC, CḥPsPjC-C†PëPSCr (500 PjPi
PrPIC-C†C- PSP° PrPµPSCḥ) C- CŪP°PePIC-PSP°PIC-CḥCŪ (PjPḥ™ CŪPeC-
P¶PµP»P°C, PëPSPsPIC- PeP°PīCŪCŪP»Pë, 1200 PjPi C, CḥPëC†C- PSP° PrPµPSCḥ), CŪPeC- C”
CŪCŪP±CŪC, CḥP°C, P°PjPë C, P° C-PSPiC-P±C-C, PsCḥP°PjPë CYP3A, CŪ 12 P·PrPsCḥPsPIPëC...
PrPsP±CḥPsPIPpsP»CḥC†C-PI PīCḥPëP·PIPPrPëP»Ps PrPs P·P±C-P»CḥC€PµPSPSCŪ
AUC CḥC-PIPSPsPIP°P¶PSPsPīPs CŪC, P°PSCr C- PŸ_{max} CŪP°PePIC-PSP°PIC-CḥCŪ PSP° 177 %
C- 187 % PI PīPsCḥC-PIPSCŪPSPSC- P· C, PëPjPë P¶ PīPsPeP°P·PSPëPeP°PjPë, CŪPeC-
CŪPīPsCŪC, PµCḥC-PiP°P»PëCŪCŪ PīCḥPë P·P°CŪC, PsCŪCŪPIP°PSPSC- C, C-P»CḥPePë

СГ°P°PePIC-PSP°PIC-СҘСр. PҘСҘPё С†СҘPсPjСр АUC C,P° PҘmax
PeP»P°СҘPёC,СҘPсPjC-С†PёPSCр P·P±C-P»СҘC€СрPIP°P»PёСГСҘ
PіСҘPёP±P»PёP·PSPs PSP° 40 % PіPсСҘC-PIPSCҘPSPs C-P·
P·P°СГC,PsСГCрPIP°PSPSCҘPj C,C-P»СҘPёPё PeP»P°СҘPёC,СҘPсPjC-С†PёPSCр.
PќPµPjP°C” PSPµPsP±C...C-PrPSPsСГC,C- PІ PePsСҘPёPіCрPIP°PSPSC- PrPsP·,
CҘPeC%Ps PsP±PёPrPIP° P»C-PeP°СҘСГСҘPёC- P·P°СГPsP±Pё
P·P°СГC,PsСГPsPICрСҘC,СҘ PsPrPSPsC±P°СГPSPs PіСҘPсC,CҘPіPsPj
PsP±PjPµPҘPµPSPsPіPs PіСҘPсPjC-PҘPeCр C±P°СГCр Cр PrPsСГP»C-PrPҘPµPSPёC...
PrPsP·P°C.../P»C-PeP°СҘСГСҘPёPёC... C,,PsСҘPjP°C.... P PµP·CрP»СҘC,P°C,Pё
PrPsСГP»C-PrPҘPµPSPSCҘ P»C-PeP°СҘСГСҘPёPsC— PIP·P°C”PjPsPrC-C— C-P·
P·P°СГC,PsСГCрPIP°PSPSCҘPj PjвҘ™ CҘPePёC... PҘPµP»P°C,PёPSPsPIPёC...
PeP°PіCГCрP» PjPsPҘCрC,СҘ PSPµ PIC-PrPіPsPIC-PrP°C,Pё PµC,,PµPeC,P°Pj, CҘPeC-
CГPіPsСГC,PµСҘC-PіP°СҘC,СҘCГCҘ PіСҘPё P·P°СГC,PsСГCрPIP°PSPSC-
CГ°P°PePIC-PSP°PIC-СҘСр Cр C,,PsСҘPjC- C,PIPµСҘPрPёC... PҘPµP»P°C,PёPSPsPIPёC...
PeP°PіCГCрP». P PµP·CрP»СҘC,P°C,Pё PrPsСГP»C-PrPҘPµPSPSCҘ
P»C-PeP°СҘСГСҘPёPsC— PIP·P°C”PjPsPrC-C— C-P· P·P°СГC,PsСГCрPIP°PSPSCҘPj
P»PёC€Pµ CГ°P°PePIC-PSP°PIC-СҘСр PjPsPҘCрC,СҘ PSPµ PIC-PrPіPsPIC-PrP°C,Pё
PµC,,PµPeC,P°Pj, CҘPeC- CГPіPsСГC,PµСҘC-PіP°СҘC,СҘCГCҘ PіСҘPё C,PµСҘP°PіC-C—
CГ°P°PePIC-PSP°PIC-СҘPсPj/СҘPёC,PsPSP°PIC-СҘPсPj. PҘPsP»Pё
CГ°P°PePIC-PSP°PIC-СҘ P·P°СГC,PsСГPsPICрСҘC,СҘ СҘP°P·PsPj C-P·
СҘPёC,PsPSP°PIC-СҘPсPj, PSPµPsP±C...C-PrPSPs PICҘP°C...PsPICрPIP°C,Pё
PjPsPҘP»PёPIC- PµC,,PµPeC,Pё СҘPёC,PsPSP°PIC-СҘСр PSP°
PeP»P°СҘPёC,СҘPсPjC-С†PёPS (PrPёPI. PIPёC%Pµ).

PhCГPsP±P»PёPIPсCГC,C- P·P°СГC,PsCГCрPIP°PSPSCҘ.

P—P°СГC,PsСГCрPIP°PSPSCҘ P±CрPrСҘ-CҘPePsC— P°PSC,PёPjC-PeСҘPsP±PSPsC—
C,PµСҘP°PіC-C—, PІ C., C±. PeP»P°СҘPёC,СҘPсPjC-С†PёPSCр, PrP»CҘ P»C-PeCрPIP°PSPSCҘ
C-PSC,,PµPeC†C-C— H. pylori PjPsPҘPµ PіСҘPёP·PIPµCГC,Pё PrPs PIPёPSPёPePSPµPSPSCҘ
PjC-PeСҘPsP±PSPsC— СҘPµP·PёCГC,PµPSC,PSPsCГC,C-.

PҘP»P°СҘPёC,СҘPсPjC-С†PёPS PSPµ CГP»C-Pr PіСҘPёP·PSP°C±P°C,Pё PIP°PіC-C,PSPёPj P±PµP·
СҘPµC,PµP»СҘPSPsC— PsC†C-PSPePё CГPіC-PIPIC-PrPSPsC€PµPSPSCҘ
PePsСҘPёCГC,СҘ/СҘPёP·PёPe, PsСГPsP±P»PёPіPs Cр P† C,СҘPёPjPµCГC,СҘC-
PIP°PіC-C,PSPsCГC,C-.

PҘСҘPёPIP°P»Pµ P·P°СГC,PsСГCрPIP°PSPSCҘ PeP»P°СҘPёC,СҘPсPjC-С†PёPSCр, CҘPe C-
C-PSC€PёC... P°PSC,PёP±C-PsC,PёPeC-PI, PjPsPҘPµ CГPіСҘPёC±PёPSCҘC,Pё
PSP°PrPjC-СҘPSPёPµ СҘC-СГC, PSPµC±CрC,P»PёPIPёC... P±P°PeC,PµСҘC-Pµ C-
PіСҘPёP±C-PI. PҘСҘPё PIPёPSPёPePSPµPSPSC- CГCрPіPµСҘC-PSC,,PµPeC†C-C— CГP»C-Pr
PіPsC±P°C,Pё PIC-PrPіPsPIC-PrPSCр C,PµСҘP°PіC-СҘ. PhCГPeC-P»СҘPёPё
PeP»P°СҘPёC,СҘPсPjC-С†PёPS PjPµC,P°P±PsP»C-P·CрC”C,СҘCГCҘ Cр PіPµC±C-PSC†C- C-
PIPёPіPsPrPёC,СҘCГCҘ PіPsP»PsPIPSPёPj C±PёPSPsPj C±PµСҘPµP· PіPµC±C-PSPeCр C,P°
PSPёСҘPёPё, CГP»C-Pr P· PsСГPsP±P»PёPіPsСҘ PsP±PµСҘPµPҘPSC-СГC,СҘ
P·P°СГC,PsСГPsPICрPIP°C,Pё PіСҘPµPіP°СҘP°C, PіP°C†C-C”PSC,P°Pj C-P·
PіPsСҘCрC€PµPSPSCҘPj C,,CрPSPeC†C-C— PіPµC±C-PSPePё, PіPsPjC-СҘPSPёPj P°P±Ps
C,CҘPҘPePёPj PіPsСҘCрC€PµPSPSCҘPj C,,CрPSPeC†C-C— PSPёСҘPsPe C,P° PіP°C†C-C”PSC,P°Pj

P»C-C, PSC H P s P i P s P I C - P e C r (C r C , P ° C H C E P u 65 C H P s P e C - P I) .

P — P s P ± P u C H P u P P P S C - C r C , C H C r P » C - P r P · P ° C r C , P s C r P s P I C r P I P ° C , P e P i C H P u P i P ° C H P ° C , P i P ° C t C - C " P S C , P ° P j C - P · C , C I P P P e P s C H P S P e C H P e P s P I P s C H P S P u P r P s C r C , P ° C , P S C - C r C , C H . P u C - P r C ± P ° C r P · P ° C r C , P s C r C r P I P ° P S P S C I P P e P » P ° C H P e C , C H P s P j C - C t P e P S C r P i P s P I C - P r P s P j P » C I P » P s C r C I P i C H P s P i P s C H C r C E P u P S P S C I C , C r P S P e C t C - C — P i P u C t C - P S P e P e , P I P e P » C H C t P ° C H C t P e P i C - P r P I P e C % P u P S P e P N e C H C - P I P u P S C H P i P u C t C - P S P e P s P I P e C ... C , P u C H P j P u P S C , C - P I , C - P i C H P s P i P u P i P ° C , P s C t P u P » C H P » C I C H P S P e P N e C , P ° / P ° P ± P s C ... P s P » P u C r C , P ° C , P e C t P S P e P N e P i P u P i P ° C , P e C , P · P P P s P I C , C I P S P e C t P u C H P ° P ± P s P ± P u P · P S P u C — . P i P u P i P s C H C r C E P u P S P S C I C , C r P S P e C t C - C — P i P u C t C - P S P e P e P j P s P P P u P ± C r C , P e C , C I P P P e P s P i P s C r C , C r P i P u P S C I C , C , P ° P · P ° P · P I P e C t P ° P N e P I P s P S P s P s P ± P s C H P s C , P S P u . P ' P r P u C I P e P e C ... P I P e P i P ° P r P e P ° C ... P i P s P I C - P r P s P j P » C I P » P s C r C I P i C H P s P i P u C t C - P S P e P s P I C r P S P u P r P s C r C , P ° C , P S C - C r C , C H P · P » P u C , P ° P » C H P S P e P j P S P ° C r P » C - P r P e P s P j , C I P e P ° P I P s C r P S P s P I P S P s P j C r P ± C r P » P ° P ° C r P s C t C - P N e P s P I P ° P S P ° P · C r P u C H P N e P s P · P S P e P j P e P s C r P S P s P I P S P e P j P e C ... P I P s C H P s P ± P ° P j P e C , P ° / P ° P ± P s C r C r P i C r C , P S C - P j P j P u P r P e P e P ° P j P u P S C , P s P · P S P e P j P » C - P e C r P I P ° P S P S C I P j . P k P u P s P ± C ... C - P r P S P s P S P u P i P ° P N e P S P s P i C H P e P i P e P S P e C , P e P · P ° C r C , P s C r C r P I P ° P S P S C I P P e P » P ° C H P e C , C H P s P j C - C t P e P S C r P i C H P e P I P e P S P e P e P S P u P S P S C - C , P ° P e P e C ... P s P · P S P ° P e C - C r P e P j P i C , P s P j C - P I P i P u P i P ° C , P e C , C r , C I P e P ° P S P s C H P u P e C r C - C I , P P P s P I C , C I P S P e C t C I , P i P s C , P u P j P S C - P S P S C I C r P u C t C - , C r P I P u C H P ± C - P P P ° P ± P s C t C r C , P » P e P I C - C r C , C H C r P r C - P » C I P S C t C - P P P e P I P s C , P ° .

P u C H P s C H P s P · P I P e C , P s P e P i C r P u P I P r P s P j P u P j P ± C H P ° P S P s P · P S P s P i P s P e P s P » C - C , C r P I C - P r P i P s P j C - C H P S P s P i P s P r P s P · P ° P i C H P s P P C r C H C t P s P i P s P P P e C , C , C H C r C , C r P i P u P S C I C C , C I P P P e P s C r C , C - P i P s P I C - P r P s P j P » C I P » P s C r C I P i C H P e P · P ° C r C , P s C r C r P I P ° P S P S C - P i C H P ° P e C , P e C t P S P s P I C r C - C ... P ° P S C , P e P ± P ° P e C , P u C H C - P ° P » C H P S P e C ... P i C H P u P i P ° C H P ° C , C - P I , C r C , P s P j C r C t P e C r P » C - P j P ° P e C H P s P » C - P r C - P I . P u C H P s C H P s P · P I P e C , P s P e P r C - P ° C H P u C — , C r P i C H P e C t P e P S P u P S P s C — Clostridium difficile (CDAD), P I C - P r P » P u P i P e P s P i P s C r C , C r P i P u P S C I C C , C I P P P e P s C r C , C - P r P s P e P s P » C - C , C r P · P » P u C , P ° P » C H P S P e P j P S P ° C r P » C - P r P e P s P j , P i P s P I C - P r P s P j P » C I P » P s C r C I P i C H P e P · P ° C r C , P s C r C r P I P ° P S P S C - P i C H P ° P e C , P e C t P S P s P I C r C - C ... P ° P S C , P e P ± P ° P e C , P u C H C - P ° P » C H P S P e C ... P i C H P u P i P ° C H P ° C , C - P I , C r C , P s P j C r C t P e C r P » C - P e P » P ° C H P e C , C H P s P j C - C t P e P S C r . P y P u C H P ° P i C - C I P ° P S C , P e P ± P ° P e C , P u C H C - P ° P » C H P S P e P j P e P i C H P u P i P ° C H P ° C , P ° P j P e P i P s C H C r C E C r C " P S P s C H P j P ° P » C H P S C r P j C - P e C H P s C , P » P s C H C r P e P e C E P u C t P S P e P e C r , C % P s P j P s P P u P i C H P e P · P I P u C r C , P e P r P s P S P ° P r P j C - C H P S P s P i P s C H P s C r C , C r C . difficile . P y P » C - P r P · P ° P I P P r P e P i P ° P j C I C , P ° C , P e P i C H P s P j P s P P P e P i C - C r C , C H C H P s P · P I P e C , P e C r P r C - P ° C H P u C — , C r P i C H P e C t P e P S P u P S P s C — Clostridium difficile , C r P I C r C - C ... P i P ° C t C - C " P S C , C - P I P · P r C - P ° C H P u C " C H P i C - C r P » C I P P · P ° C r C , P s C r C r P I P ° P S P S C I P ° P S C , P e P ± C - P s C , P e P e C - P I . P k P u P s P ± C ... C - P r P S P s C H P u C , P u P » C H P S P s P · C - P ± C H P ° C , P e P ° P S P ° P j P S P u P · , P s C r P e C - P » C H P e P e P i C H P s C H P s P · P I P e C , P s P e P r C - P ° C H P u C — , C r P i C H P e C t P e P S P u P S P s C — Clostridium difficile , P i P s P I C - P r P s P j P » C I P » P s C r C I C t P u C H P u P · 2 P j C - C r C I C t C - P i C - C r P » C I P P · P ° C r C , P s C r C r P I P ° P S P S C I P ° P S C , P e P ± P ° P e C , P u C H C - P ° P » C H P S P e C ... P i C H P u P i P ° C H P ° C , C - P I . P j C H P ° P · C - P I P e P S P e P e P S P u P S P S C I P i C r P u P I P r P s P j P u P j P ± C H P ° P S P s P · P S P s P i P s P e P s P » C - C , C r P S P u P s P ± C ... C - P r P S P s P i C H P e P i P e P S P e C , P e P » C - P e C r P I P ° P S P S C I P P e P » P ° C H P e C , C H P s P j C - C t P e P S P s P j P S P u P · P ° P » P u P P P S P s P I C - P r P i P s P e P ° P · P ° P S C H , P · P ° C I P e P e P j P e P N e P s P i P s P ± C r P » P s P i C H P e P · P S P ° C t P u P S P s . P k P u P s P ± C ... C - P r P S P s

PiC7PsPIPμCfC,Pe PjC-PeC7PsP±C-PsP»PsPiC-C±PSPμ PrPsCfP»C-PrP¶PμPSPSCf C,P°
C7PsP·PiPsC±P°C,Pe PSPμPsP±C...C-PrPSPμ P»C-PeCfPIP°PSPSCf. PŸP»C-Pr CfPSPëPeP°C,Pe
PiC7PμPiP°C7P°C,C-PI, C%Ps PiC7PëPiPSC-C±CfC7C,Ch PiPμC7PëCfC,P°P»ChC,PePeCf.

PbPsP»C...C-C†PëPS

PμPsPIC-PrPsPjP»CfP»PsCfCf PiC7Ps C7PsP·PIPëC,PsPe PePsP»C...C-C†PëPSPsPIPsC—
C,PsPeCfPëC±PSPsCfC,C- (Cf C,PsPjCf C±PëCfP»C- P· P»PμC,P°P»ChPSPëPj
PSP°CfP»C-PrPePsPj) PiC7Pë PsPrPSPsC±P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-
PeP»P°C7PëC,C7PsPjC-C†PëPSCf C- PePsP»C...C-C†PëPSCf, PsCfPsP±P»PëPIPs Cf
PiP°C†C-C”PSC,C-PI P»C-C,PSChPsPiPs PIC-PeCf, Cf C,PsPjCf C±PëCfP»C- PSP° C,P»C-
PSPëC7PePsPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- (PrPëPI. C7PsP·PrC-P»
B«P’P·P°C”PjPsPrC-Cf P· C-PSCëPëPjPë P»C-PeP°C7CfChPePëPjPë P·P°CfPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»). PhPrPSPsC±P°CfPSPμ
P·P°CfC,PsCfCfPIP°PSPSCf PeP»P°C7PëC,C7PsPjC-C†PëPSCf P·
PePsP»C...C-C†PëPSPsPj PiC7PsC,PëPiPsPeP°P·P°PSPμ (PrPëPI. C7PsP·PrC-P»
B«PμC7PsC,PëPiPsPeP°P·P°PSPSCfB»).

P— PsP±PμC7PμP¶PSC-CfC,Ch CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pe PsPrPSPsC±P°CfPSPs
PeP»P°C7PëC,C7PsPjC-C†PëPS C,P° C,C7PëP°P·PsP»P±PμPSP·PsPrC-P°P·PμPiC-PSPë, C,P°PeC-
CfPe C,C7PëP°P·PsP»P°Pj, PIPSCfC,C7C-CëPSCChPsPIPμPSPSPëPNë P°P±Ps
PsC7PsPjCfPePsP·PSPëPNë PjC-PrP°P·PsP»P°Pj (PrPëPI. C7PsP·PrC-P» B«P’P·P°C”PjPsPrC-Cf P·
C-PSCëPëPjPë P»C-PeP°C7CfChPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë
PIP·P°C”PjPsPrC-PNëB»).

PŸPμC7C†PμPIPs-CfCzPrPëPSPSC- CzCfPeP»P°PrPSPμPSPSCf

PμPsPrPsPIP¶PμPSPSCf CfPμC7C†PμPIPsC— C7PμPiPsP»CfC7PëP·P°C†C-C— C,P°
C-PSC,PμC7PIP°P»Cf QT, C%Ps CfPIC-PrC±PëC,Ch PiC7Ps C7PëP·PëPe C7PsP·PIPëC,PeCf
CfPμC7C†PμPIPsC— P°C7PëC,PjC-C— C,P° torsades de pointes,
CfPiPsCfC,PμC7C-PiP°P»PsCfCf PiC7Pë P»C-PeCfPIP°PSPSC- PjP°PeC7PsP»C-PrP°PjPë,
PIPeP»ChC±P°ChC±Pë PeP»P°C7PëC,C7PsPjC-C†PëPS (PrPëPI. C7PsP·PrC-P»
B«PμPsP±C-C±PSC- C7PμP°PeC†C-C—B»). P— PsPiP»CfPrCf PSP° C,Pμ, C%Ps
PSPëP¶C±PμP·P°P·PSP°C±PμPSC- CfPëC,CfP°C†C-C— PjPsP¶CfC,Ch
PiC7PëP·PIPμCfC,Pe PrPs PiC-PrPIPëC%PμPSPsPiPs C7PëP·PëPeCf
CëP»CfPSPsC±PePsPIPëC... P°C7PëC,PjC-PNë (PIPeP»ChC±P°ChC±Pë torsades de pointes),
PeP»P°C7PëC,C7PsPjC-C†PëPS CfP»C-Pr P· PsP±PμC7PμP¶PSC-CfC,Ch
P·P°CfC,PsCfPsPICfPIP°C,Pe PSPëP¶C±PμP·P°P·PSP°C±PμPSPëPj PiC7CfPiP°Pj
PiP°C†C-C”PSC,C-PI.

B· PμP°C†C-C”PSC,Pë P· C-CëPμPjC-C±PSPsCh C...PIPsC7PsP±PsCh CfPμC7C†Cf,
C,CfP¶PePsCh CfPμC7C†PμPIPsCh PSPμPrPsCfC,P°C,PSC-CfC,Ch,
PiPsC7CfCëPμPSPSCfPjPë PiC7PsPIC-PrPSPsCfC,C- P°P±Ps PeP»C-PSC-C±PSPs
P·PSP°C±CfC%PsCh P±C7P°PrPëPeP°C7PrC-C”Ch.

B· P7P»P°C7PëC,C7PsPjC-C†PëPS PiC7PsC,PëPiPsPeP°P·P°PSPëPNë
PiP°C†C-C”PSC,P°Pj P· PiC-PiPsPeP°P»C-C”PjC-C”Ch P°P±Ps
PiC-PiPsPjP°PiPSC-C”PjC-C”Ch (PrPëPI. C7PsP·PrC-P»
B«PμC7PsC,PëPiPsPeP°P·P°PSPSCfB»).

P»PµPiPePsPiPs PrPs PiPsPjC-CḡPSPsPiPs CÍC,CáPiPµPSCḡ

PjC- C-PSC,,PµPeC†C-C— PSP°PNεC†P°CÍC,C-CεPµ CÍPiCḡPēC†PēPSPµPSC-
PjC-PeCḡPsPsCḡPiP°PSC-P·PjP°PjPē *Staphylococcus aureus* C,P° *Streptococcus pyogenes*,
PePsPḡPµPS P· CḡPePēC... PjPsPḡPµ P±C†C,Pē CḡPµP·PēCÍC,PµPSC,PSPēPj PrPs
PjP°PeCḡPsP»C-PrC-PI. PŷPsPjC† PIP°PḡP»PēPIPs PiCḡPsPIPsPrPēC,Pē C,PµCÍC, PSP°
C†C†C,P»PēPIC-CÍC,Cḡ. PJ CḡP°P·C- PePsP»Pē PSPµPjPsPḡP»PēPIPs
P·P°CÍC,PsCÍC†PIP°C,Pē P±PµC,P°-P»P°PeC,P°PjPSC- P°PSC,PēP±C-PsC,PēPePē
(PSP°PiCḡPēPeP»P°Pr PiCḡPē P°P»PµCḡPiC-C—), CḡPe PiCḡPµPiP°CḡP°C,Pē
PiPµCḡCεPsPiPs PIPēP±PsCḡC† PjPsPḡPSP° P·P°CÍC,PsCÍC†PIC†PIP°C,Pē C-PSCεC-
P°PSC,PēP±C-PsC,PēPePē, C,P°PeC- CḡPe PeP»C-PSP†P°PjC-C†PēPS. PkP° C†PµPNε
C†P°CÍ PjP°PeCḡPsP»C-PrPē PIC-PrC-PiCḡP°CḡC,Cḡ CḡPsP»Cḡ C,C-P»CḡPePē C†
P»C-PeC†PIP°PSPSC- PrPµCḡPePēC... C-PSC,,PµPeC†C-PNε CεPeC-CḡPē C,P°
PjPḡCḡ CḡPePēC... C,PeP°PSPēPS (PSP°PiCḡPēPeP»P°Pr C-PSC,,PµPeC†C-PNε,
CÍPiCḡPēC†PēPSPµPSPēC... *Corynebacterium minutissimum*, *acne vulgaris*,
P±PµCεPēC...PsPIPsPiPs P·P°PiP°P»PµPSPSCḡ) C,P° C† CÍPēC,C†P°C†C-CḡC..., PePsP»Pē PSPµ
PjPsPḡPSP° P·P°CÍC,PsCÍC†PIC†PIP°C,Pē PiPµPSC-C†PēP»C-PSPē.

PJ CḡP°P·C- CḡPsP·PIPēC,PeC† C,CḡPḡPePēC... PiPsCÍC,CḡPēC... CḡPµP°PeC†C-PNε
PiC-PiPµCḡC†C†C,P»PēPIPsCÍC,C-, C,P°PePēC... CḡPe P°PSP°C,,C-P»P°PeCÍC-Cḡ, C,CḡPḡPeC-
CεPeC-CḡPSC- PiPsP±C-C†PSC- CḡPµP°PeC†C-C— (PSP°PiCḡPēPeP»P°Pr PiPsCÍC,CḡPēPNε
PiPµPSPµCḡP°P»C-P·PsPIP°PSPēPNε PµPeP·P°PSC,PµPjP°C,PsP·PSPēPNε PiC†CÍC,C†P»CḡPsP·,
CÍPēPSP†CḡPsPj PŷC,C-PIPµPSCÍP° Bḡ“ P”PḡPsPSCÍPsPSP° ,C,PsPeCÍPēC†PSPēPNε
PµPiC-PrPµCḡPjP°P»CḡPSPēPNε PSPµPeCḡPsP»C-P·, DRESS, C...PIPsCḡPsP±P°
PēPµPSP»PµPNεPSP° Bḡ“ P”PµPSPsC...P°, C,PµCḡP°PiC-Cḡ PeP»P°CḡPēC,CḡPsPjC-C†PēPSPsPj
CÍP»C-Pr PSPµPiP°PNεPSPs PiCḡPēPiPēPSPēC,Pē C,P° PsPrCḡP°P·C† Pḡ CḡPsP·PiPsC†P°C,Pē
PIC-PrPiPsPIC-PrPSPµ P»C-PeC†PIP°PSPSCḡ.

PḡP»P°CḡPēC,CḡPsPjC-C†PēPS PiPsC,CḡC-P±PSPs P·P°CÍC,PsCÍC†PIC†PIP°C,Pē P·
PsP±PµCḡPµPḡPSC-CÍC,Cḡ PiCḡPē PsPrPSPsC†P°CÍPSPsPjC† PiCḡPēP·PSP°C†PµPSPSC- P·
C-PSP†C†PeC,PsCḡP°PjPē C,,PµCḡPjPµPSC,C† C†PēC,PsC...CḡPsPjC† PŷYP3A4 (PrPēPI.
CḡPsP·PrC-P» B«P·P·C”PjPsPrC-Cḡ P· C-PSCεPēPjPē P»C-PeP°CḡCÍCḡPePēPjPē
P·P°CÍPsP±P°PjPē C,P° C-PSCεC- PIPēPrPē PIP·P°C”PjPsPrC-PNεB»).

PŷP»C-Pr P·PIPµCḡPSC†C,Pē C†PIP°PiC† PSP° PjPsPḡP»PēPIC-CÍC,Cḡ
PiPµCḡPµC...CḡPµCÍPSPsC— CḡPµP·PēCÍC,PµPSC,PSPsCÍC,C- PjC-Pḡ
PeP»P°CḡPēC,CḡPsPjC-C†PēPSPsPj C- C-PSCεPēPjPē PjP°PeCḡPsP»C-PrP°PjPē, P° C,P°PePsPḡ
P»C-PSPePsPjC-C†PēPSPsPj C- PeP»C-PSP†P°PjC-C†PēPSPsPj.

P†PSPiC-P±C-C,PsCḡPē P”PjPi-PḡPsPḡ-CḡPµPrCáPeC,P°P·Pē (CÍC,P°C,PēPSPē)

PḡPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍC†PIP°PSPSCḡ PeP»P°CḡPēC,CḡPsPjC-C†PēPSC† P·
P»PsPIP°CÍC,P°C,PēPSPsPj P°P±Ps CÍPēPjPIP°CÍC,P°C,PēPSPsPj PiCḡPsC,PēPiPsPeP°P·P°PSPµ
(PrPēPI. CḡPsP·PrC-P» B«PµCḡPsC,PēPiPsPeP°P·P°PSPSCḡB»). PŷP»C-Pr P·
PsP±PµCḡPµPḡPSC-CÍC,Cḡ PiCḡPēP·PSP°C†P°C,Pē PeP»P°CḡPēC,CḡPsPjC-C†PēPS
PsPrPSPsC†P°CÍPSPs P· C-PSCεPēPjPē CÍC,P°C,PēPSP°PjPē.
PµPsPIC-PrPsPjP»CḡP»PsCÍCḡ PiCḡPs CḡPsP·PIPēC,PsPe CḡP°P±PrPsPjC-PsP»C-P·C† C†
PiP°C†C-C”PSC,C-PI PiCḡPē PsPrPSPsC†P°CÍPSPsPjC† P·P°CÍC,PsCÍC†PIP°PSPSC-
PeP»P°CḡPēC,CḡPsPjC-C†PēPSC† C- CÍC,P°C,PēPSC-PI. PkPµPsP±C...C-PrPSPēPNε
PjPsPSC-C,PsCḡPēPSPi CÍC,P°PSC† PiP°C†C-C”PSC,C-PI C%PsPrPs PIPēCḡPIP»PµPSPSCḡ

PsP·PSP°Pe C- CÍPëPjPíC,PsPjC-PI PjC-PsPíP°C,C-C—. P' CÍPëC,CfP°C†C-CÍC..., PePsP»Pë
PsPrPSPsC†P°CÍPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf P·C-
CÍC,P°C,PëPSP°PjPë CÍPSPëPePSCfC,Pë PSPµPjPsP¶P»PëPIPs,
CĤPµPePsPjPµPSPfCfC”C,ChCÍCÍ PíCĤPëP·PSP°C†P°C,Pë PSP°PNëPjPµPSCëCf
P·P°CĤPµC”CÍC,CĤPsPIP°PSCf PrPsP·Cf CÍC,P°C,PëPSCf. PĤPsP¶P»PëPIPµ
P·P°CÍC,PsCÍCfPIP°PSPSCÍ CÍC,P°C,PëPSCf, CÍPePëPNë PSPµ P·P°P»PµP¶PëC,Ch PIC-Pr
PjPµC,P°P±PsP»C-P·PjCf CYP3A (PSP°PíCĤPëPeP»P°Pf C,,P»CfPIP°CÍC,P°C,PëPSCf)
(PrPëPI. B«P'P·P°C”PjPsPrC-CÍ P· C-PSCëPëPjPë P»C-PeP°CĤCÍChPePëPjPë P·P°CÍPsP±P°PjPë
C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»).

PµPµCĤPsCĤP°P»ChPSC- PiC-PiPsPiP»C-PePµPjC-C†PSC- P·P°CÍPsP±Pë/ C-PSCÍCžP»C-PS

PhPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf C,P°
PíPµCĤPsCĤP°P»ChPSPëC... PiC-PiPsPiP»C-PePµPjC-C†PSPëC... P·P°CÍPsP±C-PI
(C,P°PePëC... CÍPe PiPsC...C-PrPSC- CÍCfP»ChC,,PsPSC-P»CÍPµC†PsPIPëPSPë) C,P°/P°P±Ps
C-PSCÍCfP»C-PSCf PjPsP¶Pµ CÍPíCĤPëC†PëPSCÍC,Pë PIPëCĤP°P¶PµPSCf
PiC-PiPsPiP»C-PePµPjC-CĤ. P PµPePsPjPµPSPfPsPIP°PSPëPNë CĤPµC,PµP»ChPSPëPNë
PjPsPSC-C,PsCĤPëPSPi CĤC-PIPSCÍ PiP»ChPePsP·Pë.

PµPµCĤPsCĤP°P»ChPSC- P°PSC,PëPePsP°PiCžP»CÍPSC,Pë

PµCĤPë PsPrPSPsC†P°CÍPSPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf
P· PIP°CĤC,,P°CĤPëPSPsPj C-CÍPSCfC” CĤPëP·PëPe PIPëPSPëPePSPµPSPSCÍ
CÍPµCĤPNëPsP·PSPsC—B PeCĤPsPIPsC,PµC†C-, P·PSP°C†PSPsPiPs PiC-PrPIPëC%µPµPSPSCÍ
PíPsPeP°P·PSPëPeP° PĤPíPŸ (PjC-P¶PSP°CĤPsPrPSPµ PSPsCĤPjP°P»C-P·PsPIP°PSPµ
CÍPíC-PIPIC-PrPSPsCëPµPSPSCÍ) C,P° PíCĤPsC,CĤPsPjP±C-PSPsPIPsPiPs C†P°CÍCf. P”PsPePë
PíP°C†C-C”PSC,Pë PsC,CĤPëPjCfCĤC,Ch PsPrPSPsC†P°CÍPSPs PeP»P°CĤPëC,CĤPsPjC-C†PëPS
C,P° PíPµCĤPsCĤP°P»ChPSC- P°PSC,PëPePsP°PiCfP»CÍPSC,Pë, PiPsC,CĤC-P±PSPs C†P°CÍC,Ps
PePsPSC,CĤPsP»ChPIP°C,Pë PiPsPeP°P·PSPëPe PĤPíPŸ C,P° PíCĤPsC,CĤPsPjP±C-PSPsPIPëPNë
C†P°CÍ.

PŸP»C-Pr P±CfC,Pë PsP±PµCĤPµP¶PSPëPj PíCĤPë PsPrPSPsC†P°CÍPSPsPjCf
P·P°CÍC,PsCÍCfPIP°PSPSC- PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf P· PíPµCĤPsCĤP°P»ChPSPëPjPë
P°PSC,PëPePsP°PiCfP»CÍPSC,P°PjPë PíCĤCÍPjPsC— PrC-C—, C,P°PePëPjPë CÍPe
PrP°P±C-PIP°C,CĤP°PS, CĤPëPIP°CĤPsPeCÍP°P±P°PS, P°PíC-PeCÍP°P±P°PS C,P°
PµPrPsPeCÍP°P±P°PS, PsCÍPsP±P»PëPIPs PíP°C†C-C”PSC,P°Pj C-P· PIPëCÍPsPePëPj
CĤPëP·PëPePsPj PeCĤPsPIPsC,PµC†C- (PrPëPI. CĤPsP·PrC-P» B«P'P·P°C”PjPsPrC-CÍ P·
C-PSCëPëPjPë P»C-PeP°CĤCÍChPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë
PIP·P°C”PjPsPrC-PNëB»).

*P—P°CÍC,PsCÍCžPIP°PSPSCÍ Cž PiPµCĤC-PsPr PIP°PiC-C,PSPSCÍC,C- P°P±Ps
PiPsPrCžPIP°PSPSCÍ PiCĤCžPrPrCĤ.*

P'P°PiC-C,PSC-CÍC,Ch

P'PµP·PíPµPeP° P·P°CÍC,PsCÍCfPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCf CÍ PíPµCĤC-PsPr
PIP°PiC-C,PSPsCÍC,C- C,P° PiPsPrCfPIP°PSPSCÍ PiCĤCfPrPrCĤ PSPµ PICÍC,P°PSPsPIP»PµPSP°.
P—PIP°P¶P°CĤC†Pë PSP° CĤPµP·CfP»ChC,P°C,Pë PíCĤPsPIPµPrPµPSPëC...
PrPsCÍP»C-PrP¶PµPSCĤ PSP° C,PIP°CĤPëPSP°C... C,P° PrPsCÍPIC-Pr

P·P°CÍC,PsCÍCfPIP°PSPSCÍ P»CĤPrCÍPj, C€PeC-PrP»PëPIPëPNë PIPiP»PëPI PSP°
CĤPsP·PIPëC,PsPe PµPjP±CĤC-PsPSP° C- PīP»PsPrP° PSPµ PjPsP¶Pµ P±CfC,Pë
PIPëPeP»CĤC±PµPSPëPNë. P”PµCÍPeC- PsP±CÍPµCĤPIP°C†C-PNëPSC-
PrPsCÍP»C-PrP¶PµPSPSCÍ, PI CÍPePëC... PsC†C-PSCĤPIP°PICÍCÍ PIPiP»PëPI
PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr Cr P† P°P±Ps P†P† C,CĤPëPjPµCÍC,CĤC-
PIP°PiC-C,PSPsCÍC,C-, PICÍC,P°PSPsPIPëP»Pë PiC-PrPIPëC%PµPSPëPNë CĤPëP·PëPe
PSPµPIPëPSPsC€CfPIP°PSPSCÍ PIP°PiC-C,PSPsCÍC,C- PīPsCĤC-PIPSCÍPSPs P·
PIC-PrCÍCfC,PSC-CÍC,CĤ P°PSC,PëP±P°PeC,PµCĤC-P°P»CĤPSPsC— C,PµCĤP°PiC-C— P°P±Ps
P· PIPëPePsCĤPëCÍC,P°PSPSCÍPj C-PSC€PëC... P°PSC,PëP±P°PeC,PµCĤC-P°P»CĤPSPëC...
P·P°CÍPsP±C-PI Cr C†PµPNë CÍP°PjPëPNë PiPµCĤC-PsPr. P”PsCÍC,CfPiPSC-
PµPiC-PrPµPjC-PsP»PsPiC-C†PSC- PrPsCÍP»C-PrP¶PµPSPSCÍ CĤPëP·PëPeCf
PIPëPSPëPePSPµPSPSCÍ PICĤPsPrP¶PµPSPëC... PIP°Pr CĤPsP·PIPëC,PeCf PiCĤPë
P·P°CÍC,PsCÍCfPIP°PSPSC- PjP°PeCĤPsP»C-PrC-PI PIPeP»CĤC±PSPs P·
PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj Cr PīPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- PīPsPeP°P·P°P»Pë
CÍCfPiPµCĤPµC±P»PëPIC- CĤPµP·CfP»CĤC,P°C,Pë. PĤP»P°CĤPëC,CĤPsPjC-C†PëPS PSPµ
CÍP»C-Pr P·P°CÍC,PsCÍPsPICfPIP°C,Pë Cr PīPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- P±PµP·
CĤPµC,PµP»CĤPSPsC— PsC†C-PSPePë CÍPiC-PIPIC-PrPSPsC€PµPSPSCÍ
PePsCĤPëCÍC,CĤ/CĤPëP·PëPe.

P”PsPrCzPIP°PSPSCÍ PiCĤCzPrPrCĤ

PĤP»P°CĤPëC,CĤPsPjC-C†PëPS PIPëPrC-P»CÍC”C,CĤCÍCÍ PI PiCĤCfPrPSPµ PjPsP»PsPePs
P»CĤPrPëPSPë Cr PjP°P»PëC... PeC-P»CĤPePsCÍC,CÍC.... P’CfP»Ps PiC-PrCĤP°C...PsPIP°PSPs,
C%Ps PSPµPjPsPIP»CÍ, CÍPePµ PiPµCĤPµP±CfPIP°C” PIPëPeP»CĤC±PSPs PSP°
PiCĤCfPrPSPsPjCf PIPëPiPsPrPsPICfPIP°PSPSC-, PsC,CĤPëPjCfC” P±P»PëP·CĤPePs 1,7 %
PjP°C,PµCĤPëPSCÍCĤPePsC— PrPsP·Pë PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr,
CÍPePsCĤPëPiPsPIP°PSPsC— P· CfCĤP°C...CfPIP°PSPSCÍPj PjP°CÍPë C,C-P»P° PjP°C,PµCĤC-.

P’PµP·PiPµPeP° P·P°CÍC,PsCÍCfPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr Cr PīPµCĤC-PsPr
PiPsPrCfPIP°PSPSCÍ PiCĤCfPrPrCĤ PSPµ P±CfP»P° PICÍC,P°PSPsPIP»PµPSP°.

*P—PrP°C,PSC-CÍC,CĤ PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CĤ CĤPµP°PeC†C-C— PiCĤPë
PePµCĤCzPIP°PSPSC- P°PIC,PsC,CĤP°PSCÍPiPsCĤC,PsPj P°P±Ps CĤPsP±PsC,C- P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

P”P°PSC- PiCĤPs PIPiP»PëPI PIC-PrCÍCfC,PSC-. PĤPrPSP°Pe PiCĤPë PePµCĤCfPIP°PSPSC-
P°PIC,PsC,CĤP°PSCÍPiPsCĤC,PsPj P°P±Ps CĤPsP±PsC,C- P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë CÍP»C-Pr P·PIP°P¶P°C,Pë PSP° PjPsP¶P»PëPIPµ
PIPëPSPëPePSPµPSPSCÍ PiPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë P· P±PsPeCf
PSPµCĤPIPSPsC— CÍPëCÍC,PµPjPë, C,P°PePëC... CÍPe CÍCfPrPsPjPë,
P·P°PiP°PjPsCĤPsC±PµPSPSCÍ, PIPµCĤC,PëPiPs, PiP°P»CĤC†PëPSP°C†C-C—,
CÍPiP»CfC,P°PSC-CÍC,CĤ CÍPIC-PrPsPjPsCÍC,C-, PrPµP·PsCĤC-C”PSC,P°C†C-CÍ C,P° C-PS.

PŸPiPsCÍC-P± P·P°CÍC,PsCÍCzPIP°PSPSCÍ C,P° PrPsP·Pë.

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr PrP»CÍ
PrPsCĤPsCÍP»PëC... C,P° PrC-C,PµPNë PIC-PePsPj PIC-Pr 12 CĤPsPeC-PI
CÍC,P°PSPsPIPëC,CĤ 250 PjPi (P·P°CÍC,PsCÍPsPICfCĤC,CĤ PiCĤPµPiP°CĤP°C,Pë

PeP»P°CTHPëC,CTHPsPjC-C†PëPSCr Cr PIC-PrPiPsPIC-PrPSPsPjCr PrPsP·CrPIP°PSPSC-) PePsP¶PSC- 12 PiPsPrPëPS. P¶CTHPë P±C-P»CHC€ C,C¶P¶PePëC... C-PSC,,PµPeC†C-C¶C... PrPsP·Cr PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs 500 PjPi (1 C,P°P±P»PµC,PeP°) PePsP¶PSC- 12 PiPsPrPëPS. P—PIPëC†P°PN°PSP° C,CTHPëPIP°P»C-C†C,CH P»C-PeC†PIP°PSPSC¶ P·P°P»PµP¶PëC,CH PIC-Pr C†C,CrPiPµPSC¶ C,C¶P¶PePsC†C,C- C-PSC,,C-PeC†PIP°PSPSC¶ C,P° C†C,P°PSPsPIPëC,CH PIC-Pr 6 PrPs 14 PrPSC-PI.

P¶P»P°CTHPëC,CTHPsPjC-C†PëPS PjPsP¶PSP° P·P°C†C,PsC†PsPIC†PIP°C,Pë PSPµP·P°P»PµP¶PSPs PIC-Pr PiCTHPëPN°PsPjCr C—P¶C-, PsC†PeC-P»CHPePë C—P¶P° PSPµ PIP°P»PëPIP°C” PSP° P±C-PsPrPsC†C,CrPiPSC-C†C,CH PeP»P°CTHPëC,CTHPsPjC-C†PëPSCr.

P»C-PeC†PIP°PSPSC¶ PsPrPsPSC,PsPiPµPSPSPëC... C-PSC,,PµPeC†C-PN°.

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° C†C,P°PSPsPIPëC,CH 250 PjPi (P·P°C†C,PsC†PsPIC†CHC,CH PiCTHPµPiP°CTHP°C,Pë PeP»P°CTHPëC,CTHPsPjC-C†PëPSCr Cr PIC-PrPiPsPIC-PrPSPsPjCr PrPsP·CrPIP°PSPSC-) PePsP¶PSC- 12 PiPsPrPëPS PiCTHPsC,C¶PiPsPj 5 PrPSC-PI.

P—P°C†C,PsC†C†PIP°PSPSC¶ PiP°C†C-C”PSC,P°Pj C-P· PjC-PePsP±P°PeC,PµCTHC-P°P»CHPSPsCH C-PSC,,PµPeC†C-C”CH.

PµPsC†P°C,PePsPIP° PrPsP·P° PrP»C¶ PrPsCTHPsC†P»PëC... C†C,P°PSPsPIPëC,CH 500 PjPi PrPIP° CTHP°P·Pë PSP° PrPµPSCH. PiPeC%Ps PiCTHPsC,C¶PiPsPj 3-4 C,PëP¶PSC-PI P»C-PeC†PIP°PSPSC¶ PSPµ C†PiPsC†C,PµCTHC-PiP°C”C,CHC†C¶ PiPsPeCTHP°C%PµPSPSC¶ PeP»C-PSC-C†PSPëC... PsP·PSP°Pe P°P±Ps P±P°PeC,PµCTHC-PsP»PsPiC-C†PSPëC... PiPsPeP°P·PSPëPeC-PI, PrPsP·P° PeP»P°CTHPëC,CTHPsPjC-C†PëPSCr PjPsP¶Pµ P±C†C,Pë PiC-PrPIPëC%PµPSP° PrPs 1000 PjPi PrPIP° CTHP°P·Pë PSP° PrPµPSCH.

P»C-PeC†PIP°PSPSC¶ PrPëC†PµPjC-PSPsPIP°PSPëC... C-PSC,,PµPeC†C-PN°, C†PiCTHPëC†PëPSPµPSPëC... *Mycobacterium avium complex* (P¶P¶P¶), Cr C...PIPSCCTHPëC... PSP° P¶P¶P¶P¶ PiCTHPsPrPsPIP¶C†C”C,CHC†C¶ C†C,C-P»CHPePë, C†PeC-P»CHPePë C,CTHPëPIP°C” PeP»C-PSC-C†PSP° C,P° PjC-PeCTHPsP±C-PsP»PsPiC-C†PSP° PµC,,PµPeC,PëPIPSC-C†C,CH PiCTHPµPiP°CTHP°C,Cr, C%Ps PjP°C” PjPµPrPëC†PSPµ PiC-PrC,PIPµCTHPPrP¶PµPSPSC¶. P¶P»P°CTHPëC,CTHPsPjC-C†PëPS PjPsP¶PSP° P·P°C†C,PsC†PsPIC†PIP°C,Pë Cr PePsPjPiP»PµPeC†C- P· C-PSC€PëPjPë P°PSC,PëPjC-PePsP±P°PeC,PµCTHC-P°P»CHPSPëPjPë P·P°C†PsP±P°PjPë.

P·CTHP°PrPëPeP°C†C-C¶ H. pylori C† PiP°C†C-C”PSC,C-PI C-P· PIPëCTHP°P·PePsCH PrPIP°PSP°PrC†C¶C,PePiP°P»PsC— PePëC€PePë (PrPsCTHPsC†P»C-).

PµPsC,CTHC-PN°PSP° C,PµCTHP°PiC-C¶ (7B¶“10 PrPSC-PI)

P¶P»P°CTHPëC,CTHPsPjC-C†PëPS (500 PjPi) PrPIP° CTHP°P·Pë PSP° PrPµPSCH C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë CTHP°P·PsPj P· P°PjPsPeC†PëC†PëP»C-PSPsPj 1000 PjPi PrPIP° CTHP°P·Pë PSP° PrPµPSCH C,P° PsPjPµPiCTHP°P·PsP»PsPj 20 PjPi PSP° PrPµPSCH C†PiCTHPsPrPsPIP¶ 7B¶“10 PrPSC-PI.

PµPsC,CTHC-PN°PSP° C,PµCTHP°PiC-C¶ (10 PrPSC-PI)

P''C-C,Pë.

P—P°CÍC,PsCÍCfPIP°PSPSCÍ C,P°P±P»PµC,PsPe PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr PrC-C,CÍPj PIC-PePsPj PrPs 12 CĤPsPeC-PI PSPµ PIPëPIC†P°P»PsCÍCÍ.

PµPµCĤPµPrPsP·CáPIP°PSPSCÍ.

PÝPëPjPiC,PsPjPë. P†CÍPSCrCĤC†C- PiPsPIC-PrPsPjP»PµPSPSCÍ PIPeP°P·CfCĤC,Ch PSP° C,Pµ, C%oPs PiPµCĤPµPrPsP·CfPIP°PSPSCÍ PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj PjPsP¶Pµ CÍPiCĤPëC†PëPSPëC,Pë PiPsCÍPICr CÍPëPjPiC,PsPjC-PI P· P±PsPeCf CëP»CfPSPePsPIPs- PePëCëPePsPIPsPiPs C,CĤP°PeC,Cr. Pj PsPrPSPsPiPs PiP°C†C-C''PSC,P° P· P±C-PiPsP»CÍCĤPSPëPj PiCÍPëC...PsP·PsPj PI P°PSP°PjPSPµP·C-, CÍPePëPµ PiCĤPëPµPSCÍPI 8 PiCĤP°PjC-PI PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr, CĤPsP·PIPëPSCrP»PëCÍCÍ P·PjC-PSPë CĤPsP·CfPjPsPIPsPiPs CÍC,P°PSCr, PiP°CĤP°PSPsC—PrPSP° PiPsPIPµPrC-PSPeP°, PiC-PiPsPeP°P»C-C''PjC-CÍ C,P° PiC-PiPsPeCÍPµPjC-CÍ.

P>C-PeCáPIP°PSPSCÍ. PµPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%oPs CÍCfPiCĤPsPIPsPrP¶CfCĤC,Ch PiPµCĤPµPrPsP·CfPIP°PSPSCÍ, CÍP»C-Pr P»C-PeCfPIP°C,Pë P·P° PrPsPiPsPjPsPiPsCĤ PSPµPiP°PµPSPsPiPs PiCĤPsPjPëPIP°PSPSCÍ CëP»CfPSPeP° C,P° CÍPëPjPiC,PsPjP°C,PëC†PSPsC— C,PµCĤP°PiC-C—. PiPe C- C%oPsPrPs C-PSCëPëC... PjP°PeCĤPsP»C-PrC-PI, PjP°P»PsPµPjPsPIC-CĤPSPs, C%oPsP± PiPµPjPsPrC-P°P»C·P°P±Ps PiPµCĤPëC,PsPSPµP°P»ChPSPëPµ PrC-P°P»C-P· CÍCfC,C,C''PIPs PIPiP»PëPIP°P»Pë PSP° PIPjC-CÍC, PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr PI CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC-.

PµPsP±C-C†PSC- CĤPµP°PeC†C-C—.

PkP°PµC†P°CÍC,C-CëPëPjPë C,P° PSP°PµPiPsCëPëCĤPµPSC-CëPëPjPë PiPsP±C-C†PSPëPjPë CĤPµP°PeC†C-CÍPjPë PiCĤPë P»C-PeCfPIP°PSPSC- PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj PrPsCĤPsCÍP»PëC... C,P° PrC-C,PµPµ C'' P±C-P»Ch Cr P¶PëPIPsC,C-, PrC-P°CĤPµCÍ, PSCfPrPsC,P°, P±P»ChPIP°PSPSCÍ C,P° CÍPiPsC,PIPsCĤPµPSPSCÍ CÍPjP°PeCf. PiC- PiPsP±C-C†PSC- CĤPµP°PeC†C-C— P·P°P·PIPëC†P°Pµ PSPµP·PSP°C†PSPs PIPëCĤP°P¶PµPSC- C,P° CfP·PiPsPrP¶CfCĤC,ChCÍCÍ C-P· PIC-PrPsPjPëPj PiCĤPsC,,C-P»PµPj P±PµP·PiPµPePë PjP°PeCĤPsP»C-PrPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI. PµC-Pr C†P°CÍ PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ PSPµ P±CfP»Ps PIPëCÍPIP»PµPSPs CÍCfC,C,C''PIPsC— CĤC-P·PSPëC†C- Cr C†P°CÍC,PsC,C- C†PëC... PiPsP±C-C†PSPëC... CĤPµP°PeC†C-Pµ P· P±PsPeCf C,CĤP°PIPSPsC— CÍPëCÍC,PµPjPë PjC-P¶ PiCĤCfPiP°PjPë PiP°C†C-C''PSC,C-PI, Cr CÍPePëC... P±CfP»Pë PSP°CÍPIPSC- P°P±Ps PIC-PrCÍCfC,PSC- PjC-PePsP±P°PeC,PµCĤC-P°P»ChPSC- C-PSC,,PµPeC†C-C—.

PkPëP¶C†Pµ PiCĤPµPrCÍC,P°PIP»PµPSC- PiPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%oPs PIPëPSPëPeP»Pë PiC-Pr C†P°CÍ PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ C,P° PiCĤPë PiPsCÍC,PjP°CĤPePµC,PëPSPiPsPIPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- CĤC-P·PSPëC... P»C-PeP°CĤCÍChPePëC... C,,PsCĤPj C- PrPsP·CfPIP°PSPSCĤ PeP»P°CĤPëC,CĤPsPjC-C†PëPSCr, Cr C,PsPjCf C†PëCÍP»C- C,P°P±P»PµC,PsPe PSPµPiP°PµPSPsPiPs PIPëPIC-P»ChPSPµPSPSCÍ. PµPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%oPs PiCĤPëPSP°PµPjPSC- PjPsP¶P»PëPIPs PiPsPiBĤ™ CÍP·P°PSC- P· PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj, CĤPsP·PiPsPrC-P»PµPSC- P·P° CÍPëCÍC,PµPjP°PjPë PsCĤPiP°PSC-PI C- P·P° C†P°CÍC,PsC,PsCĤ PIPëPSPëPePSPµPSPSCÍ: PrCfP¶Pµ C†P°CÍC,C- (≥1/10), C†P°CÍC,C- (≥1/100 PrPs <1/10), PSPµC†P°CÍC,C- (≥1/1000 PrPs

‘1/100) C- P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ* (PiPsP±C-C‡PSC- CḥPμP°PeC†C-C— P· PiPsCÍC,PjP°CḥPePμC,PëPSPiPsPiPsPiPs CÍPiPsCÍC,PμCḥPμP¶PμPSPSC¶; C‡P°CÍC,PsC,Cr PIPëP·PSP°C‡PëC,Pë PSPμPjPsP¶P»PëPIPs P· PSP°C¶IPSPëC... PrP°PSPëC...). P’ PjPμP¶P°C... PePsP¶PSPsC— PiCḥCrPiPë PiPsP±C-C‡PSC- CḥPμP°PeC†C-C— PiCḥPμPrCÍC,P°PIP»PμPSC- PI PiPsCḥC¶IPrPeCr P·PjPμPSCεPμPSPSC¶ C,C¶P¶PePsCÍC,C- PiCḥPsC¶IPIC-PI, C¶PeC%oPs C,C¶P¶PeC-CÍC,Cḥ PIPrP°P»PsCÍC¶ PsC†C-PSPëC,Pë.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—: PSPμC‡P°CÍC,C- bḥ“ C†PμP»CḥP»C-C,¹, PeP°PSPrPëPrPsP·, PiP°CÍC,CḥPsPμPSC,PμCḥPëC,², C-PSC,,PμPeC†C-C¶³, PIP°PiC-PSP°P»CḥPSP° C-PSC,,PμPeC†C-C¶; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ PiCÍPμPIPrPsPjPμPjP±CḥP°PSPsP·PSPëPμ PePsP»C-C,, P±PμCεPëC...PsPIPμ P·P°PiP°P»PμPSPSC¶.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ PeCḥPsPIC- C- P»C-PjC,,P°C,PëC‡PSPsC— CÍPëCÍC,PμPjPë: PSPμC‡P°CÍC,C- bḥ“ P»PμPμPePsPiPμPSC-C¶, PSPμPμC,CḥPsPiPμPSC-C¶⁴, C,CḥPsPjP±PsC†PëC,PμPjC-C¶³, PμPsP·PëPSPsC,,C-P»C-C¶⁴; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ P°PiCḥP°PSC†P»PsC†PëC,PsP·, C,CḥPsPjP±PsC†PëC,PsPiPμPSC-C¶.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ C-PjC‡PSPSPsC— CÍPëCÍC,PμPjPë: PSPμC‡P°CÍC,C- bḥ“ P°PSP°C,,C-P»P°PeC,PsC—PrPSC- CḥPμP°PeC†C-C—¹, PiC-PiPμCḥC‡C†C,P»PëPIC-CÍC,Cḥ; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ P°PSP°C,,C-P»P°PeC,PëC‡PSC- CḥPμP°PeC†C-C—, P°PSPiC-PsPSPμPICḥPsC,PëC‡PSPëPμ PSP°P±CḥC¶Pe.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ PjPμC,P°P±PsP»C-P·PjC‡ C- P¶PëPIP»PμPSPSC¶: PSPμC‡P°CÍC,C- bḥ“ P°PSPsCḥPμPeCÍC-C¶, P·PSPëP¶PμPSPSC¶ P°PiPμC,PëC,Cr; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ PiC-PiPsPiP»C-PePμPjC-C¶.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ PiCÍPëC...C-PePë: C‡P°CÍC,C- bḥ“ P±PμP·CÍPsPSPSC¶; PSPμC‡P°CÍC,C- bḥ“ C,CḥPëPIPsP¶PSC-CÍC,Cḥ, PSPμCḥPIPsP·PSC-CÍC,Cḥ³; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ PiCÍPëC...PsP·Pë, CÍPiP»CrC,P°PSC-CÍC,Cḥ CÍPIC-PrPsPjPsCÍC,C-, PrPμPiPμCḥCÍPsPSP°P»C-P·P°C†C-C¶, PrPμPiCḥPμCÍC-C¶, PrPμP·PsCḥC-C”PSC,P°C†C-C¶, PiP°P»CḥC†PëPSP°C†C-C—, P¶P°C...P»PëPIC- CÍPSPsPIPëPrC-PSPSC¶, PjP°PSC-C¶.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ C†PμPSC,CḥP°P»CḥPSPsC— PSPμCḥPIPsPiPsC— CÍPëCÍC,PμPjPë: C‡P°CÍC,C- bḥ“ PrPëCÍPiPμPIP·C-C¶ (PiPsCḥCrCεPμPSPSC¶ CÍPjP°PePsPiPsC— C‡CrC,P»PëPIPsCÍC,C-), PiPsP»PsPIPSPëPμ P±C-P»Cḥ, CÍPiPsC,PIPsCḥPμPSPSC¶ CÍPjP°PeCr; PSPμC‡P°CÍC,C- bḥ“ PIC,CḥP°C,P° CÍPIC-PrPsPjPsCÍC,C-¹, PrPëCÍPeC-PSPμP·C-C¶¹, P·P°PiP°PjPsCḥPsC‡PμPSPSC¶, CÍPsPSP»PëPIC-CÍC,Cḥ, C,CḥPμPjPsCḥ; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ CÍCrPrPsPjPë, P°PiPμPIP·C-C¶ (PIC,CḥP°C,P° CÍPjP°PePsPiPsC— C‡CrC,P»PëPIPsCÍC,C-), PiP°CḥPsCÍPjC-C¶, P°PSPsCÍPjC-C¶, PiP°CḥPμCÍC,PμP·C-C¶.

PμPsCḥC‡CεPμPSPSC¶ P· P±PsPeC‡ PsCḥPiP°PSC-PI CÍP»C‡C...C‡ C- P»P°P±C-CḥPëPSC,C‡: PSPμC‡P°CÍC,C- bḥ“ PIPμCḥC,PëPiPs, PiPsPiC-CḥCεPμPSPSC¶ CÍP»CrC...Cr, PrP·PIC-PS Cr PICrC...P°C...; P· PSPμPIC-PrPsPjPsCḥ C‡P°CÍC,PsC,PsCḥ bḥ“ PIC,CḥP°C,P° CÍP»CrC...Cr.

*P_лP°C_тPrC-P°P»CH_бPSC- PiPsC_тCáC€P_μPSPSC_т: PSp_μC_±P°C_тC,- б_т“ P·C_тPiPëPSPeP°
C_тP_μC_тC_тC_т¹, C,,C-P±C_тPëP»C_тC_тC-C_т PiP_μC_тP_μPrC_тP_μC_тPrCH¹,
PiPsPrPsPIP_тP_μPSPSC_т C-PSC,P_μC_тPIP°P»C_т QT, P_μPeC_тC,C_тP°C_тPëC_тC,P_сP»Pë¹,
PIC-PrC_тC_тC,C,C_т C_тP_μC_тC_тP_μP±PëC,C,C_т; P· PSp_μPIC-PrPsPjPsC_т C_±P°C_тC,P_сC,P_сC_т
б_т“ torsades de pointes, C€P»C_тPSPsC_±PePsPIP° C,P°C...C-PeP°C_тPrC-C_т,
C,,C-P±C_тPëP»C_тC_тC-C_т C€P»C_тPSPsC_±PeC-PI.*

*P_ŸCáPrPëPSPSC- PiPsC_тCáC€P_μPSPSC_т: C_±P°C_тC,- б_т“
PIP°P·PsPrPëP»P°C,P°C_тC-C_т¹; P· PSp_μPIC-PrPsPjPsC_т C_±P°C_тC,P_сC,P_сC_т б_т“
PeC_тPsPIP_сPIPëP»PëPI.*

*P_μPsC_тCáC€P_μPSPSC_т P· P±PsPeCá PrPëC...P°P»CH_бPSPsC— C_тPëC_тC,P_μPjPë, PsC_тPiP°PSC-PI
PiC_тCáPrPSPsC— PeP»C-C,PePë C,P° C_тP_μC_тP_μPrPsC_тC,-PSPSC_т: PSp_μC_±P°C_тC,- б_т“
P°C_тC,PjP°¹, PSPsC_тP_сPIP° PeC_тPsPIP_сC,P_μC_±P°², P_μPjP±PsP»C-C_т C_тC_тPrPëPS
P»P_μPiP_μPSC-PI¹.*

*P_μPsC_тCáC€P_μPSPSC_т P· P±PsPeCá C,C_тP°PIPSPsC— C_тPëC_тC,P_μPjPë: C_±P°C_тC,- б_т“
PrC-P°C_тP_μC_т, P±P»C_тPIP°PSPSC_т, PrPëC_тPiP_μPiC_тC-C_т, PSC_тPrPsC,P°, P±C-P»CH_б
C_т P_тPëPIP_сC,-; PSp_μC_±P°C_тC,- б_т“ P_μP·PsC,,P°PiC-C,¹,
PiP°C_тC,C_тPsP_μP·PsC,,P°PiP_μP°P»CH_бPSP° C_тP_μC,,P»C_тPeC_тPSP° C...PIP_сC_тPsP±P°²,
PiP°C_тC,C_тPëC,, PiC_тPsPeC,P°P»PiC-C_т², C_тC,P_сPjP°C,PëC,, PiP»PsC_тPëC,,
P·PrC_тC,C,C_т P_тPëPIP_сC,P°⁴, P·P°PiPsC_т, C_тC_тC...C-C_тC,C_т C_т C_тPsC,C-,
PIC-PrC_тPëP_тPeP°, PjP_μC,P_μPsC_тPëP·Pj; P· PSp_μPIC-PrPsPjPsC_т C_±P°C_тC,P_сC,P_сC_т б_т“
PiPsC_тC,C_тPëP_т PiP°PSPeC_тP_μP°C,PëC,, P·PjC-PSP° PePsP»CH_бPsC_тC_т C_тP·PëPeP°,
P·PjC-PSP° PePsP»CH_бPsC_тC_т P·C_тP±C-PI.*

*P_μPsC_тCáC€P_μPSPSC_т PiP_μPiP°C,P_сP±C-P»C-P°C_тPSPsC— C_тPëC_тC,P_μPjPë:
C_±P°C_тC,- б_т“ PIC-PrC...PëP»P_μPSPSC_т PIC-Pr PSPsC_тPjPë
C,,C_тPSPeC_тC-PsPSP°P»CH_бPSPëC... C,P_μC_тC,-PI PiP_μC_±C-PSPePë; PSp_μC_±P°C_тC,-
б_т“ C...PsP»P_μC_тC,P°P⁴, PiP_μPiP°C,PëC,⁴ PiC-PrPIPëC%P_μPSPSC_т C_тC-PIPSC_т
P_тP·P_т, P_тP_тP_т, P“P“P_т⁴; P· PSp_μPIC-PrPsPjPsC_т C_±P°C_тC,P_сC,P_сC_т б_т“
PiP_μC_±C-PSPePsPIP° PSp_μPrPsC_тC,P°C,PSC-C_тC,C_т,
PiP_μPiP°C,P_сC_тP_μP»C_тP»C_тC_тPSP° P_тPsPIC,C_тPSPëC_тC_т.*

*P_μPsC_тCáC€P_μPSPSC_т P· P±PsPeCá C€PeC-C_тPë C- PiC-PrC€PeC-C_тPSPsC—
PeP»C-C,PePsPIPëPSPë: C_±P°C_тC,- б_т“ PIPëC_тPëP_тP°PSPSC_т, PiC-PiP_μC_тPiC-PrC_тPsP·;
PSP_μC_±P°C_тC,- б_т“ P±C_тP»CH_бPsP·PSPëP_т PrP_μC_тPjP°C,PëC,¹ C_тPIP_μC_тP±C-P_т,
PeC_тPsPiPëPiP_т C_тPSPeP°, PjP°PeC_тP»Ps-PiP°PiC_тP»CH_бPsP·PSPëP_т PIPëC_тPëPi³; P·
PSP_μPIC-PrPsPjPsC_т C_±P°C_тC,P_сC,P_сC_т б_т“ C,C_тP_тPeC- C€PeC-C_тPSC- PiPsP±C-C_тPSC-
C_тP_μP°PeC_тC-C— (PSP°PiC_тPëPeP»P°Pr PiPsC_тC,C_тPëP_т PiP_μPSP_μC_тP°P»C-P·PsPIP°PSPëP_т
P_μPeP·P°PSC,P_μPjP°C,P_сP·PSPëP_т PiC_тC_тC,C_тP»CH_бPsP·, C_тPëPSP_тC_тPsPj
P_ŸC,C-PIP_μPSC_тP° б_т“ P“P_тPsPSC_тP_сPSP°, C,P_сPeC_тPëC_±PSPëP_т
P_μPiC-PrP_μC_тPjP°P»CH_бPSPëP_т PSp_μPeC_тPsP»C-P·, PjP_μPrPëPeP°PjP_μPSC,P_сP·PSP°
C€PeC-C_тPSP° C_тP_μP°PeC_тC-C_т, C%Ps C_тC_тPiC_тPsPIP_сPrP_тC_тC“C,C_тCH_бC_тC_т
P_μPsP·PëPSP_с,C-P»C-C“C_т C,P° C_тPëC_тC,P_μPjPSPëPjPë PiC_тPsC_тPIP°PjPë (DRESS),
P°PePSP_μ, C...PIP_сC_тPsP±P° PëP_μPSP»P_μP_тPSP° б_т“ P“P_μPSP_с...P°.*

P_μPsC_тCáC€P_μPSPSC_т P· P±PsPeCá PsPiPsC_тPSPs-C_тCáC...PsPIP_с— C_тPëC_тC,P_μPjPë

C,P° CÍPíPsP»CáC#PSPsC— C,PeP°PSPëPSPë: PSPµC#P°CÍC,C- Bĥ“ PjBĥ™ CĪP·PsPIC-
CÍPíP°P·PjPë³, CÍPePµP»PµC,PSPs-PjBĥ™ CĪP·PsPIP° CĥPëPiC-PrPSC-CÍC,CH¹,
PjC-P°P»PiC-CĪ²; P· PSPµPIC-PrPsPjPsCĥ C#P°CÍC,PsC,PsCĥ Bĥ“ CĥP°P±PrPsPjC-PsP»C-P·²**,
PjC-PsPíP°C,C-CĪ.

PµPsCĥCáC€PµPSPSCĪ P· P±PsPeCá PSPëCĥPsPe C- CÍPµC#PsPIPëPrC-P»CHBSPSPsC—
CÍPëCÍC,PµPjPë: PSPµC#P°CÍC,C- Bĥ“ PíC-PrPIPëC%PµPSPSCĪ PeCĥPµP°C,PëPSC-PSCí
PeCĥPsPIC-¹, PíC-PrPIPëC%PµPSPSCĪ CÍPµC#PsPIPëPSPë PeCĥPsPIC-¹; P· PSPµPIC-PrPsPjPsCĥ
C#P°CÍC,PsC,PsCĥ Bĥ“ PSPëCĥPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH,
C-PSC,PµCĥCÍC,PëC+C-P°P»CHBSPSPëPNë PSPµC,,CĥPëC,.

P—P°PíP°P»CHBPS- PíPsCĥCáC€PµPSPSCĪ C,P° CĥPµP°PeC†C-C— Cá PjC-CÍC†C-
PIPIPµPrPµPSPSCĪ: PrCíP¶Pµ C#P°CÍC,C- Bĥ“ C,,P»PµP±C-C, Cí PjC-CÍC†C-
PIPIPµPrPµPSPSCĪ¹; C#P°CÍC,C- Bĥ“ P±C-P»CH Cí PjC-CÍC†C- PIPIPµPrPµPSPSCĪ¹,
P·P°PíP°P»PµPSPSCĪ Cí PjC-CÍC†C- PIPIPµPrPµPSPSCĪ¹; PSPµC#P°CÍC,C- Bĥ“
PSPµP·PrCíP¶P°PSPSCĪ⁴, P»PëC...PsPjP°PSPëP³, P°CÍC,PµPSC-CĪ, P±C-P»CH Cí
PiCĥCíPrCĪC...⁴, PsP·PSPsP±⁴, CÍC,PsPjP»PµPSC-CÍC,CH⁴.

P»P°P±PsCĥP°C,PsCĥPSC- PrPsCÍP»C-PrP¶PµPSPSCĪ: PSPµC#P°CÍC,C- Bĥ“ P·PjC-PSP°
CÍPíC-PIPIC-PrPSPsC€PµPSPSCĪ P°P»CHB±CíPjC-PSBĥ“PiP»PsP±CíP»C-PS¹,
PíC-PrPIPëC%PµPSPSCĪ CĥC-PIPSCĪ P»CíP¶PSPsC— C,,PsCÍC,,P°C,P°P·Pë PI
PeCĥPsPIC-⁴, PíC-PrPIPëC%PµPSPSCĪ CĥC-PIPSCĪ
P»P°PeC,P°C,PrPµPiC-PrCĥPsPiPµPSP°P·Pë PI PeCĥPsPIC-⁴; P· PSPµPIC-PrPsPjPsCĥ
C#P°CÍC,PsC,PsCĥ Bĥ“ PíC-PrPIPëC%PµPSPSCĪ PjC-P¶PSP°CĥPsPrPSPsPiPs
PSPsCĥPjP°P»C-P·PsPIP°PSPsPiPs CÍPíC-PIPIC-PrPSPsC€PµPSPSCĪ,
P·P±C-P»CHB€PµPSPSCĪ PíCĥPsC,CĥPsPjP±C-PSPsPiPsPiPs C#P°CÍCí, P·PjC-PSP°
PePsP»CHBPsCĥCí CÍPµC#C-.

* PhCÍPeC-P»CHBPePë PíCĥPs C†C- CĥPµP°PeC†C-C— PíPsPIC-PrPsPjP»CĪP»Pë
PrPsP±CĥPsPIC-P»CHBSPs C,P° PIPµP»PëC#PëPSP° PíPsPíCáP»CĪC†C-C—
PíP°C†C-C”PSC,C-PI PSPµPICÍC,P°PSPsPIP»PµPSP°, PSPµ P·P°PIP¶PrPë PjPsP¶PSP°
C,PsC#PSPs PICÍC,P°PSPsPIPëC,Pë C—C... C#P°CÍC,PsC,Cá P°P±Ps
PíCĥPëC#PëPSPSPëPNë P·PíBĥ™ CĪP·PsPe P· PíCĥPëPNëPsPjPsPj PíCĥPµPíP°CĥP°C,Cá.
P—P°PíP°P»CHBSPSPëPNë PrPsCÍPIC-Pr P·P°CÍC,PsCÍCáPIP°PSPSCĪ
PeP»P°CĥPëC,CĥPsPjC-C†PëPSCá CÍC,P°PSPsPIPëC,CH P±C-P»CHB€Pµ PSC-P¶ 1
PjC-P»CHBĪCĥPr PíP°C†C-C”PSC,Ps-PrPSC-PI.B B

** PJ PrPµCĪPePëC... PíPsPIC-PrPsPjP»PµPSPSCĪC... PíCĥPs CĥP°P±PrPsPjC-PsP»C-P·
PeP»P°CĥPëC,CĥPsPjC-C†PëPS P±CáPI PíCĥPëP·PSP°C#PµPSPëPNë PsPrPSPsC#P°CÍPSPs
P· C-PSC€PëPjPë P»C-PeP°CĥCÍCHBPePëPjPë P·P°CÍPsP±P°PjPë, PíCĥPs CĪPeC-
PIC-PrPsPjPs, C%Ps PIPsPSPë P°CÍPsC†C-CĥCĥC,CHCÍCĪ P·
CĥP°P±PrPsPjC-PsP»C-P·PsPj (C,P°PeC- CĪPe CÍC,P°C,PëPSPë, C,,C-P±CĥP°C,Pë,
PePsP»C...C-C†PëPS P°P±Ps P°P»PsPíCáCĥPëPSPsP»).B

1,2,3,4 PµCĥPs C†C- PíPsP±C-C#PSC- CĥPµP°PeC†C-C— PíPsPIC-PrPsPjP»CĪP»PsCÍCĪ
C,C-P»CHBPePë PíCĥPë P·P°CÍC,PsCÍCáPIP°PSPSC- PíCĥPµPíP°CĥP°C,Cá Cá C,,PsCĥPjC-: 1 Bĥ“
PíPsCĥPsC€PeCá P»C-PsC,,C-P»C-P·PsPIP°PSPsPiPs PrP»CĪ PíCĥPëPiPsC,CáPIP°PSPSCĪ
CĥPsP·C#PëPSCá PrP»CĪ C-PSC,,CáP·C-PNë, 2 Bĥ“ C,P°P±P»PµC,PsPe
PíCĥPsP»PsPSPiPsPIP°PSPsC— PrC-C—, 3 Bĥ“ CÍCáCÍPíPµPSP·C-C—, 4 Bĥ“ C,P°P±P»PµC,PsPe

PSPμPiP°PNεPSPsPiPs PIPëPIC-P»CHPSPμPSPSCIJ.

PhC±C-PeCrC”C,CHCÍCIJ, C%oPs C±P°CÍC,PsC,P°, C,PëPi C,P° C,CIJP¶PeC-CÍC,CH
PiPsP±C-C±PSPëC... CηPμP°PeC±C-PNε Cr PrC-C,PμPNε P±CíPrCíC,CH C,P°PePëPjPë P¶, CIJPe C-
Cí PrPsCηPsCÍP»PëC....

PμP°C±C-C”PSC,Pë P· PiPsCηCáCεPμPSPSCIJj C-PjCáPSPSPsC— CÍPëCÍC,PμPjPë.

PJ C...PIPsCηPëC... PSP° PÿPκP±P” C,P° C-PSCεPëC... PiP°C±C-C”PSC,C-PI P·
PiPsCηCíCεPμPSPSCIJj C-PjCíPSPSPsC— CÍPëCÍC,PμPjPë, CIJPeC-
P·P°CÍC,PsCÍPsPICíPIP°P»Pë PIPëCÍPsPeC- PrPsP·Pë PeP»P°CηPëC,CηPsPjC-C±PëPSCí
PiCηPsC,CIJPiPsPj C,CηPëPIP°P»PsPiPs C±P°CÍCí PrP»CÍ P»C-PeCíPIP°PSPSCIJ
PjC-PePsP±P°PeC,PμCηC-P°P»CHPSPëC... C-PSC,,PμPeC±C-PNε, PSPμ P·P°PIP¶PrPë PjPsP¶PSP°
PIC-PrCηC-P·PSPëC,Pë PiPsP±C-C±PSC- CηPμP°PeC±C-C—, PiPsPIBη™ CIJ·P°PSC- C-P·
P·P°CÍC,PsCÍCíPIP°PSPSCIJj PiCηPμPiP°CηP°C,Cí, C,P° CÍPëPjPiC,PsPjPë PsCÍPSPsPIPsPiPs
P°P±Ps CÍCíPiCíC,PSC-C... P·P°C...PIPsCηCηPIP°PSCη.

PJ PrPsCηPsCÍP»PëC... PiP°C±C-C”PSC,C-PI, CIJPeC- PsC,CηPëPjCíPIP°P»Pë
PeP»P°CηPëC,CηPsPjC-C±PëPS Cr PrPsP±PsPIC-PNε PrPsP·C- 1000 PjPi,
PSP°PNεC±P°CÍC,C-CεPëPjPë PiPsP±C-C±PSPëPjPë PμC,,PμPeC,P°PjPë P±CíP»Pë PSCíPrPsC,P°,
P±P»CηPIP°PSPSCIJ, CÍPiPsC,PIPsCηPμPSPSCIJ CÍPjP°PeCí, P±C-P»CH Cr P¶PëPIPsC,C-,
PrC-P°CηPμCIJ, PIPëCÍPëPiP°PSPSCIJ, P·PrCíC,C,CIJ P¶PëPIPsC,P°, PiPsP»PsPIPsPëPNε
P±C-P»CH, P·P°PiPsCη, PiPsCηCíCεPμPSPSCIJ CÍP»CíC...Cí, PiC-PrPIPëC%oPμPSPSCIJ
PIPjC-CÍC,Cí PηP·Pÿ C,P° PηPÿPÿ PI CÍPëCηPsPIP°C,C±C- PeCηPsPIC-. PκPμC±P°CÍC,Ps
PIPëPSPëPeP°P»Pë PrPëCÍPiPSPsPμ, P±PμP·CÍPsPSPSCIJ C,P° CÍCíC...C-CÍC,CH Cr CηPsC,C-.

PJ C±PëC... PiP°C±C-C”PSC,C-PI P· PiPsCηCíCεPμPSPSCIJj C-PjCíPSPSPsC— CÍPëCÍC,PμPjPë
PiCηPsPIPsPrPëP»Pë PsC±C-PSPeCí P»P°P±PsCηP°C,PsCηPSPëC... PiPsPeP°P·PSPëPeC-PI,
P°PSP°P»C-P·CíCηC±Pë C,C- PiPsPeP°P·PSPëPePë, C%oPs PIPëC...PsPrCIJ,Cη P·P° PjPμP¶C-
P·PSP°C±PSPsPiPs P°PSPsPjP°P»CHPSPsPiPs CηC-PIPsCIJ (C,PsP±C,Ps PeCηP°PNεPSCηPsC—
PIPμCηC...PSCηPsC— P°P±Ps PSPëP¶PSCηPsC— PjPμP¶C-) PrP»CÍ PIPëP·PSP°C±PμPSPsPiPs
C,PμCÍC,Cí. P—P° C±PëPj PeCηPëC,PμCηC-C”Pj, Cr 2Bη “3 % C±PëC... PiP°C±C-C”PSC,C-PI,
CIJPeC- PiCηPëPNεPjP°P»Pë 1000 PjPi PeP»P°CηPëC,CηPsPjC-C±PëPSCí PSP° PrPsP±Cí,
CÍPiPsCÍC,PμCηC-PiP°P»PsCÍCIJ P·PSP°C±PSPμ P°PSPsPjP°P»CHPSPμ
PiC-PrPIPëC%oPμPSPSCIJ CηC-PIPsC-PI PηP·Pÿ C,P° PηPÿPÿ C- P°PSPsPjP°P»CHPSPμ
P·PSPëP¶PμPSPSCIJ PeC-P»CHPePsCÍC,C- P»PμPNεPePsC±PëC,C-PI C,P°
C,CηPsPjP±PsC±PëC,C-PI Cr PeCηPsPIC-. PJ PjPμPSCεPsPiPs PIC-PrCÍPsC,PeP°
PiP°C±C-C”PSC,C-PI CÍPiPsCÍC,PμCηC-PiP°P»PsCÍCIJ PiC-PrPIPëC%oPμPSPSCIJ CηC-PIPsC-PI
P°P·PsC,Cí CÍPμC±PsPIPëPSPë PeCηPsPIC-.

PÿPμCηPjC-PS PiCηPëPrP°C,PSPsCÍC,C-. 2 CηPsPePë.

PjPjPsPIPë P·P±PμCηC-PiP°PSPSCIJ.

P—P±PμCηC-PiP°C,Pë PI CÍCíC...PsPjCí, P·P°C...PëC%oPμPSPsPjCí PIC-Pr CÍPIC-C,P»P°
PjC-CÍC±C- PiCηPë C,PμPjPiPμCηP°C,CíCηC- PSPμ PIPëC%oPμ 25 B°Pÿ.B

P—P±PμCηC-PiP°C,Pë PI PSPμPrPsCÍC,CíPiPSPsPjCí PrP»CÍ PrC-C,PμPNε PjC-CÍC±C-.

PJPiP°PePsPIPeP°.

PμPs 7 C,P°P±P»PμC,PsPe Cr P±P»C-CÍC,PμCḡC-, PīPs 2 P±P»C-CÍC,PμCḡPë Cr
PeP°CḡC,PsPSPSC-PMë CrPīP°PePsPIC†C-.B B B

PлP°C,PμPiPsCḡC-CИ PIC-PrPīCrCÍPeCr. P-P° CḡPμC†PμPīC,PsPj.

P’PëCḡPsP±PSPëPe.

PkPhP’P•P> P†P>PhP§ PŸPhPkPhP‡ P’P• PŸP†P”P-PhP P•PŸ Ph.PË.

PнC-CÍC†PμP•PSP°C...PsPrP¶PμPSPSCИ.

PлPIP°CḡC,P°P» PŸP°PSPeP°PeP»P°Cḡ, PīCḡ. P•CÍPeC- PhPeC‡P°PePsPrP¶P°, B,-299, 81100 Pj.
P”CḡP•PrP¶Pμ, PŸCrCḡPμC‡C‡PëPSP°.