

Р†РќРЎРЎР РЈРЉРІР†РЇ

$$\begin{array}{c} \text{PrP} \gg \text{CII} \text{ PjP}_{\mu} \text{PrP}^{\text{C}} \pm \text{PSPsPiPs} \text{ P} \cdot \text{P}^{\circ} \text{CfC}, \text{PsCfCfPI} \text{P}^{\circ} \text{PSPSCII} \text{ P} \gg \text{C-PeP}^{\circ} \text{CfCfCHPePsPiPs} \\ \text{P} \cdot \text{P}^{\circ} \text{CfPsP} \pm \text{Cr} \end{array}$$
$$\mathbf{PhPjP_{\mu}P_{\ddot{i}}C_{\overline{H}}P^{\circ}P \cdot P_sP \gg -P_{\check{y}}P_{\mu}PIP^{\circ}}$$

(Omeprazole-Teva)

$$P\check{Y}P\in P\gg P^{\circ}P\Gamma:$$
$$PrC-C\bar{H}C\sharp P^{\circ} \ C\bar{H}P_{\mu}C\sharp PsPIP\ddot{e}PSP^{\circ}: PsPjP_{\mu}P\ddot{i}C\bar{H}P^{\circ}P\cdot PsP\gg;$$

1 PeP°PīCǐCǐP»P° PjC-CǐC,PēC,CH PsPjPμPīCHP°P·PsP»Cǐ 20 PjPi P°P±Ps 40 PjPi Cǐ CǐPēP»P°PrC- PiP°CǐC,CHPsCHPμP·PēCǐC,PuPSC,PSPēC... PeP°PīCǐCǐP»;

PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: C†C†PePsC¶ C†C,,PµC¶PëC¶PSPëPNë, PiPsPIC-PrPsPS, PSP°C,C¶C-C¶ P»P°C†C¶PëP»C†C†P»C¶C,,P°C,, PSP°C,C¶C-C¶ PeC¶PsC...PjP°P»C¶PiP»C-PePsP»C¶C, (C,PëPi Ph), PSP°C,C¶C-C¶ C,,PsC†C,,P°C,, PiC-PiC¶PsPjPµP»PsP·P°, C,C¶PëPµC,PëP»C†PëC,C¶P°C,, PjPµC,P°PeC¶PëP»P°C,PSPëPNë C†PsPiPsP»C-PjPµC¶ (C,PëPi Ph), PSP°C,C¶C-C¶ PiC-PrC¶PsPeC†PëPr, C,PëC,P°PSC† PrC-PsPeC†PëPr (P• 171), C,P°P»C¶Pe, PµC¶PëC,C¶PsP·PëPS (P• 127), C-PSPrPëPiPsPeP°C¶PjC-PS (P• 132)*, C,PëC,P°PSC† PrC-PsPeC†PëPr (P• 171)*, PIPsPrP° PsC†PëC%oPµPSP°*, P¶PuP»P°C,PëPS*, C...C-PSPsP»C-PSPsPIPëPNë P¶PsPIC,PëPNë (P• 104)*;*

$\text{CfPeP} \gg \text{P}^\circ \text{Pr} \text{ C} \gg \text{PsC}_7\text{H}_7\text{PSPeP} \gg \text{P}^\circ: \text{C} \gg \text{PuP} \gg \text{P}^\circ \text{Pe}, \text{PuC}, \text{P}^\circ \text{PSPSP} \gg \text{P} \pm \text{PuP} \cdot \text{PIPsPrPSPePN}_2, \text{CfPiPeC}_7\text{H}_7, \text{C-P} \cdot \text{PsPiC}_7\text{H}_7\text{PsPiC-P} \gg \text{PsPIPePN}_2, \text{PiC}_7\text{H}_7\text{PsPiC-P} \gg \text{PuPSPiP} \gg \text{C-PePsP} \gg \text{CH}_3, \text{CfPiPeC}_7\text{H}_7, \text{P} \pm \text{CrC}, \text{PeP} \gg \text{PsPIPePN}_2, \text{PiPsPIC-PrPsPS}, \text{PSP}^\circ \text{C}, \text{C}_7\text{H}_7\text{C-CH}_3 \text{ PiC-PrC}_7\text{H}_7\text{PsPeCfPePr}, \text{C}, \text{PeC}, \text{P}^\circ \text{PSCr} \text{ PrC-PsPeCfPePr} (\text{P} \cdot 171).$

*PJ CÍPeP»P°PrC- PeP°PiCÍCrP»CHbPSPsC— PsP±PsP»PsPSPePë

P>C-PeP°CTGCTHPeP° C,,PsCTGPjP°. PьP°PiCTCTP»Pë PiP°CTC,CTGPSCTPμP·PëCTC,PμPSC,PSC-C,PIPμCTPPrC-.

$$PhC\dot{I}PSPsPIPSC-C_{\text{„}}C-P\ddot{e}PePs-C...C-PjC-C\ddot{+}PSC-PIP\gg P^{\circ}C\dot{I}C,P\ddot{e}PIPsC\dot{I}C,C-:$$

PhPjPmPiCTHP°P·PsP»-P̃PmPIP°, PeP°PiCTCrP»Pē PiPs 20 PjPi: CΓPēPSCHPs-
PiPsPjP°CTHP°PSC±PuPIC- PeP°PiCTCrP»Pē B_n-2 P·C- C€C,P°PjPiPsPj B«PhB» PSP°
PeCTHPēC€PuC±C†C- C- B«20B» PSP° PePsCTHPiCrCTC-, C‰Ps PjC-CTC,CUC,CH
PjC-PeCTHPsPiCTHP°PSCrP»Pē P±C-P»Ps-P±PuP¶PuPIPsPiPs PePsP»CHPsCTCr.

PhPjPμPiC₇P°P·PsP»-PÿPμPIP°, PeP°PiC₇CrP»Pë PiPs 40 PjPi: C₇PëPSCbPs-
PiPsPjP°C₇P°PSC±PμPIC- PeP°PiC₇CrP»Pë B_∞-0 P·C- CεC,P°PjPiPsPj B«PhB» PSP°
PeC₇PëCεPμC±C±C- C- B«40B» PSP° PePsC₇PiC₇C₇C-, C%₀₀Ps PjC-C₇C,C₇C,C₇
PjC-PeC₇PsPiC₇P°PSCrP»Pë P±C-P»Ps-P±PuP¶PuPIPsPiPs PePsP»C₇PsC₇Cr.

P—P°CfC,PsCfCfPIP°PSPSCf PsPjPµPîCfP°P·PsP»Cf Cf PrPsP·C- 20 PjPi PîP°C†C-C"PSC,P°Pj P·
PIPëCfP°P·PePsCf PrPIP°PSP°PrC†CfC,PëPîP°P»PsC— PePëCëPePë CfPîCfPëC†PëPSCfC"
CfPµCfPµPrPSC" P·PSPëP¶PµPSPSCf PIPSCfC,CfC-CëPSCHbPsCëP»CfPSPePsPIPSc—
PePëCfP»PsC,PSPsCfC,C- C%PsPSP°PNëPjPµPSCëPµ PSP° 80 % PîCfPsC,CfPiPsPj

24 PiPsPrPëPS, CИPëPμ PīC-PrC, CḡPëPjCfC" C, CHCfC CИ C- PSP°PrP°P»C-, P· CfPμCḡPμPrPSC-Pj P·PjPμPSC€PμPSPSCИPj PīC-PëPsPIPsPiPs PIPëPrC-P»PμPSPSCИ PëPëCfP»PsC, Pë PīC-CfP»CИ CfC, PëPjCfP»CИC†C-C— PīPμPSC, P°PiP°CfC, CḡPëPSPsPj PīCḡPëP±P»PëP·PSPs PSP° 70 % C†PμCḡPμP· 24 PiPsPrPëPSPë PīC-CfP»CИ PīCḡPëPNëPsPjCf P»C-PëP°CḡCfCHPëPsPiPs P·P°CfPsP±Cf.

PμPμCḡPsCḡP°P»CHPSPëPNë PīCḡPëPNëPsPj PsPjPμPīCḡP°P·PsP»Cf Cf PrPsP·C- 20 PjPi PīP°C†C-C" PSC, P°Pj P· PIPëCḡP°P·PëPsCḡ PrPIP°PSP°PrC†CИC, PëPīP°P»PsC— PëPëC€PëPë PrPsP·PIPsP»CИC" PīC-PrC, CḡPëPjCfPIP°C, Pë PIPSCfC, CḡC-C€PSCḡPsC€P»CfPSPëPsPIPëPNë pH PSP° CḡC-PIPSC- ≥ 3 PИ CfPμCḡPμPrPSCḡPsPjCf PīCḡPsC, CИPiPsPj 17 P· 24 PiPsPrPëPS PīC-CfP»CИ PīCḡPëPNëPsPjCf P»C-PëP°CḡCfCHPëPsPiPs P·P°CfPsP±Cf.

P'PSP°CfP»C-PrPsPë P·PSPëP¶PμPSPSCИ CfPμPëCḡPμC†C-C— PëPëCfP»PsC, Pë C- PIPSCfC, CḡC-C€PSCḡPsC€P»CfPSPëPsPIPsC— PëPëCfP»PsC, PSPsCfC, C- PsPjPμPīCḡP°P·PsP» PrPsP·PsP·P°P»PμP¶PSPs P·PjPμPSC€CfC"/PSPsCḡPjP°P»C-P·CfC" PμPëCfPīPsP·PëC†C-Cḡ PëPëCfP»PsC, Pë Cf CfC, CḡP°PIPsC...PsPrC- Cf PīP°C†C-C" PSC, C-PI P· PīP°CfC, CḡPsPμP·PsC,, P°PiPμP°P»CHPSPsCḡ CḡPμC,, P»CḡPëCfPSPsCḡ C...PIPsCḡPsP±PsCḡ (P"P·P P¶). PμCḡPëPiPSC-C†PμPSPSCИ CfPμPëCḡPμC†C-C— PëPëCfP»PsC, Pë PīPsPI'CИP·P°PSPμ P· PīP»PsC%PμCḡ PīC-Pr C,, P°CḡPjP°PëPsPëC-PSPμC, PëC†PSPsCḡ PëCḡPëPIPsCḡ (AUC) PsPjPμPīCḡP°P·PsP»Cf, P° PSPμ P· C,, P°PëC, PëC†PSPsCḡ PëPsPSC†PμPSC, CḡP°C†C-C" Cḡ Cf PīP»P°P·PjC- PëCḡPsPIC- Cf PīPμPIPSPëPNë PjPsPjPμPSC, C†P°CfCf.

PμC-Pr C†P°Cf P»C-PëCfPIP°PSPSCИ PsPjPμPīCḡP°P·PsP»PsPj PIPëPīP°PrPëC-PI C, P°C...C-C,, C-P»P°PëCfC-C— PSPμ CfPiPsCfC, PμCḡC-PiP°P»PsCfCИ.

P'PīP»PëPI PSP° Helicobacter pylori (H. pylori)

H. pylori P°CfPsC†C-CḡC" C, CHCfC CИ P· PīPμPīC, PëC†PSPsCḡ PIPëCḡP°P·PëPsCḡ, PIPëP»CḡC†P°CḡC†Pë PIPëCḡP°P·PëCf C€P»CfPSPëP° C, P° PrPIP°PSP°PrC†CИC, PëPīP°P»PsC— PëPëC€PëPë. *H. pylori* C" PsCfPSPsPIPSPëPj C,, P°PëC, PsCḡPsPj CḡPsP·PIPëC, PëCf PīP°CfC, CḡPëC, Cf. *H. pylori* CḡP°P·PsPj P· PëPëCfP»PsC, PsCḡ C€P»CfPSPëPsPIPsPiPs CfPsPëCf C" PiPsP»PsPIPSPëPjPë C,, P°PëC, PsCḡP°PjPë CḡPsP·PIPëC, PëCf PīPμPīC, PëC†PSPsC— PIPëCḡP°P·PëPsPIPsC— C...PIPsCḡPsP±Pë. *H. pylori* PsCfPSPsPIPSPëPNë C,, P°PëC, PsCḡ CḡPsP·PIPëC, PëCf P°C, CḡPsC,, C-C†PSPsPiPs PīP°CfC, CḡPëC, Cf, P°CfPsC†C-PNëPsPIP°PSPsPiPs P· PīC-PrPIPëC%PμPSPëPj CḡPëP·PëPëPsPj CḡPsP·PIPëC, PëCf CḡP°PëCf C€P»CfPSPëP°.

P·CḡP°PrPëPëP°C†C-CИ *H. pylori* P·P° PrPsPīPsPjPsPiPsCḡ PsPjPμPīCḡP°P·PsP»Cf C, P° P°PSC, PëP±C-PsC, PëPëC-PI PīPsPI'CИP·P°PSP° P· PIPëCfPsPëPëPj CḡC-PIPSPμPj PIPëP»C-PëPsPICfPIP°PSPSCИ C, P° PrPsPIPiPsC, CḡPëPIP°P»PsCḡ CḡPμPjC-CfC-C" Cḡ PīPμPīC, PëC†PSPëC... PIPëCḡP°P·PsPë.

P'CfP»Ps PīCḡPsP°PSP°P»C-P·PsPIP°PSPs CḡC-P·PSC- CfC...PμPjPë PīPsPrPIC-PNëPSPsC— C, PμCḡP°PīC-C— C- PIPëCИPIP»PμPSPs, C%Ps PIPsPSPë C" PjPμPSC€ PμC,, PμPëC, PëPIPSPëPjPë, PSC-P¶ PīPsC, CḡC-PNëPSP° C, PμCḡP°PīC-CИ. PμCḡPsC, Pμ PjPsP¶P»PëPIC-CfC, CH C—C... P·P°CfC, PsCfCfPIP°PSPSCИ PjPsP¶PSP° CḡPsP·PīP»CИPSCfC, Pë PИ C, PëC... PIPëPīP°PrPëP°C..., PëPsP»Pë PIC-PrPsPjP° PīC-PrPIPëC%PμPSP° C†CfC, P»PëPIC-CfC, CH PIPëPëP»CḡC†P°C" P·P°CfC, PsCfCfPIP°PSPSCИ P±CfPrCH·CИPëPsC— PīPsC, CḡC-PNëPSPsC— PëPsPjP±C-PSP°C†C-C—.

P†PSC€C- PμC,, PμPëC, Pë, PīPsPI'CИP·P°PSC- P· PīCḡPëPiPSC-C†PμPSPSCИPj PëPëCfP»PsC, PSPsCfC, C-

P°P±Ps 1,5 PjPi/PePi PjP°CíPë C,C-P»P°. P§P°CíC,PsC,P° PµPiC-P·PsPrC-PI
P±P»CĤPIP°PSPSCĬ/CĤPµPiCíCĤPiC-C,P°C†C-C— P·PjPµPSC€PëP»P°CíCĬ PSP° 50 %
C†PµCĤPµP· 8 C,PëP¶PSC-PI P»C-PeCíPIP°PSPSCĬ, PSPµP·P°P»PµP¶PSPs PIC-Pr PrPsP·Pë.

P·CĤP°PrPëPeP°C†C-CĬ H. pylori Cž PrC-C,PµPNë

P P°PSPrPsPjC-P·PsPIP°PSPµ PîPsPrPIC-PNëPSPµ CíP»C-PiPµ PeP»C-PSC-C†PSPµ
PrPsCíP»C-PrP¶PµPSPSCĬ (PrPsCíP»C-PrP¶PµPSPSCĬ Hélot) PrPsP·PIPsP»PëP»Ps
P·CĤPsP±PëC,Pë PIPëCíPSPsPIPePë, C°°Ps PsPjPµPiCĤP°P·PsP» Cí PePsPjP±C-PSP°C†C-C— P·
PrPIPSPjP° P°PSC,PëP±C-PsC,PëPeP°PjPë (P°PjPsPeCíPëC†PëP»C-PSPsPj C,P°
PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj) P±CíPI P±PµP·PiPµC†PSPëPj C,P° PµC,,PµPeC,PëPIPSPëPj
PiC-Pr C†P°Cí P»C-PeCíPIP°PSPSCĬ C-PSC,,PµPeC†C-C— *H. pylori* Cí PrC-C,PµPNë PIC-PePsPj
PIC-Pr 4 CĤPsPeC-PI P· PiP°CíC,CĤPëC,PsPj. P C-PIPµPSCĤ PµCĤP°PrPëPeP°C†C-C— *H. pylori*:
74,2 % (23/31 PiP°C†C-C°PSC,P°) PiCĤPë P·P°CíC,PsCíCíPIP°PSPSC- PsPjPµPiCĤP°P·PsP»Cí
P°PjPsPeCíPëC†PëP»C-PSCí PeP»P°CĤPëC,CĤPsPjC-C†PëPSCí PiPsCĤC-PIPSĬPSPs P· 9,4 %
(3/32 PiP°C†C-C°PSC,C-PI) PiCĤPë P·P°CíC,PsCíCíPIP°PSPSC- P°PjPsPeCíPëC†PëP»C-PSCí
PeP»P°CĤPëC,CĤPsPjC-C†PëPSCí. PĥPrPSP°Pe PSPµ P±CíP»Ps PsC,CĤPëPjP°PSPs
P¶PsPrPSPëC... PrPsPeP°P·C-PI P±CíPrCH-CĬPePëC... PeP»C-PSC-C†PSPëC... PiPµCĤPµPIP°Pi
CíC,PsCíPsPIPSs PrPëCíPiPµPiCíPëC†PSPëC... CíPëPjPiC,PsPjC-PI. PiPµ
PrPsCíP»C-PrP¶PµPSPSCĬ PSPµ PrP°C° P¶PsPrPSPsC— C-PSC,,PsCĤPjP°C†C-C— PrP»CĬ
PrC-C,PµPNë PIC-PePsPj PrPs 4 CĤPsPeC-PI.

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°.

PĥP±CíPsCĤP±C†C-CĬ

PĥPjPµPiCĤP°P·PsP» C,P° PjP°PiPSC-C°PIP° CíC-P»CH PsPjPµPiCĤP°P·PsP»Cí C°
PePëCíP»PsC,Ps-PSPµCíC,C-PNëPePëPjPë, C,PsPjCí P·P°CíC,PsCíPsPICíCĤC,CHCíCĬ
PiPµCĤPsCĤP°P»CHPSPs Cí PIPëPiP»CĬPrC- PiCĤP°PSCíP» P·
PePëC€PePsPIPsCĤPsP·C†PëPSPSPëPj PiPsPeCĤPëC,C,CĬPj, Cí PeP°PiCíCíP»P°C... P°P±Ps
C,P°P±P»PµC,PeP°C.... PĥP±CíPsCĤP±C†C-CĬ PsPjPµPiCĤP°P·PsP»Cí C° C€PIPëPrPePsCĤ, P·
PiC-PePsPIPëPjPë PiP»P°P·PjPsPIPëPjPë CĤC-PIPSĬPjPë, C°°Ps PrPsCíCĬPiP°CĤC,CHCíCĬ
PiCĤPëP±P»PëP·PSPs C†PµCĤPµP· 1БĤ"2 PiPsPrPëPSPë PiC-CíP»CĬ
P·P°CíC,PsCíCíPIP°PSPSCĬ PrPsP·Pë. PĥP±CíPsCĤP±C†C-CĬ PsPjPµPiCĤP°P·PsP»Cí
PIC-PrP±CíPIP°C°C,CHCíCĬ PI C,PsPSPePsPjCí PePëC€PµC†PSPëPeCí C- P·P°P·PIPëC†P°PNë
P·P°PIPµCĤC€CíC°C,CHCíCĬ PiCĤPsC,CĬPiPsPj 3БĤ"6 PiPsPrPëPS. PĥPrPSPsC†P°CíPSPëPNë
PiCĤPëPNëPsPj C—P¶C- PSPµ PIPiP»PëPIP°C° PSP° P±C-PsPrPsCíC,CíPiPSC-CíC,CH.
PŸPëCíC,PµPjPSP° PrPsCíC,CíPiPSC-CíC,CH (P±C-PsPrPsCíC,CíPiPSC-CíC,CH)
PsPrPSC-C°C— PrPsP·Pë PsPjPµPiCĤP°P·PsP»Cí CíC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 40 %.
PµC-CíP»CĬ PiPsPIC,PsCĤPSPsPiPs P·P°CíC,PsCíCíPIP°PSPSCĬ PrPsP·Pë PsPrPëPS CĤP°P·
PSP° PrPsP±Cí P±C-PsPrPsCíC,CíPiPSC-CíC,CH P·CĤPsCíC,P°C° PiCĤPëP±P»PëP·PSPs PrPs 60
%.

P PsP·PiPsPrC-P»

PJĬPIPSPëPNë PsP±'C°Pj CĤPsP·PiPsPrC-P»Cí Cí P·PrPsCĤPsPIPëC... CíCíP±'C°PeC,C-PI
CíC,P°PSPsPIPëC,CH PiCĤPëP±P»PëP·PSPs 0,3 P»/PePi PjP°CíPë C,C-P»P°. PĥPjPµPiCĤP°P·PsP»
PSP° 97 % P·PI'CĬP·CíC°C,CHCíCĬ P· P±C-P»PeP°PjPë PiP»P°P·PjPë PeCĤPsPIC-.

PĥPµC,P°P±PsP»C-P·Pj

PĥPjPµPiCĤP°P·PsP» PiPsPIPSC-CíC,CĤ PjPµC,P°P±PsP»C-P·CíC°C,CHCíCĬ CíPëCíC,PµPjPsCĤ

C†PëC,PsC...CḡPsPjCṛ P 450 (CYP). PḥCṛPSPsPIPS° C‡P°CṛC,PëPSP° PḤPsPiPs
PjPµC,P°P±PsP»C-P·PjCṛ P·P°P»PµPḡPëC,CH PIC-Pr CṛPµC†PëC,,C-C‡PSPëC... C-P·PsC,,PsCḡPj
CYP2C19, PIC-PrPiPsPIC-PrP°P»CHPSPëC... P·P° CṛC,PIPsCḡPµPSPSCḷ
PiC-PrCḡPsPeCṛPëPsPjPµPiCḡP°P·PsP»Cṛ, PsCṛPSPsPIPS°PiPs PjPµC,P°P±PsP»C-C,ṛ Cṛ
PiP»P°P·PjC- PeCḡPsPIC-. P†PSCëP° C‡P°CṛC,PëPSP° P·P°P»PµPḡPëC,CH PIC-Pr C-PSCëPsC—
CṛPµC†PëC,,C-C‡PSPsC— C-P·PsC,,PsCḡPjPë, CYP3A4, PIC-PrPiPsPIC-PrP°P»CHPSPsC— P·P°
CṛC,PIPsCḡPµPSPSCḷ PsPjPµPiCḡP°P·PsP»CṛCṛP»CHC,,PsPSCṛ. PṽPe PSP°CṛP»C-PrPsPe
PIPëCṛPsPePsC— P°C,,C-PSPSPsCṛC,C- PsPjPµPiCḡP°P·PsP»Cṛ PrPs CYP2C19, C-CṛPSCṛC”
PiPsC,PµPSC†C-P°P» PePsPSPeCṛCḡPµPSC,PSPsPiPs PiCḡPëPiPSC-C‡PµPSPSCḷ C,P°
PjPµC,P°P±PsP»C-C‡PSPëC... PIP·P°C”PjPsPrC-PḤ PjC-Pḡ P»C-PeP°CḡCṛCHPePëPjPë
P·P°CṛPsP±P°PjPë, CḷPeC- C” CṛCṛP±CṛC,CḡP°C,P°PjPë PrP»Cḷ CYP2C19. PḥPrPSP°Pe
C‡PµCḡPµP· PSPëP·CHPeCṛ P°C,,C-PSPSC-CṛC,CH PrPs CYP3A4 PsPjPµPiCḡP°P·PsP» PSPµ
P·PrP°C,PSPëPḤ C-PSPiC-P±CṛPIP°C,Pë PjPµC,P°P±PsP»C-P·Pj C-PSCëPëC...
CṛCṛP±CṛC,CḡP°C,C-PI CYP3A4. PḤCḡC-Pj C,PsPiPs, PsPjPµPiCḡP°P·PsP» PSPµ PjP°C”
C-PSPiC-P±CṛCḡC‡PsC— PrC-C— PSP° PsCṛPSPsPIPSC- C,,PµCḡPjPµPSC,Pë CYP.

PµCḡPëP±P»PëP·PSPs Cṛ 3 % PiCḡPµPrCṛC,P°PIPSPëPeC-PI C”PICḡPsPiPµPsC—PrPSPsC—
CḡP°CṛPë C,P° Cṛ 15Ḃḡ”20 % PiCḡPµPrCṛC,P°PIPSPëPeC-PI P°P·C-PḤCṛCHPePsC— CḡP°CṛPë
CṛPiPsCṛC,PµCḡC-PiP°C”C,CHCṛCḷ PSPµCṛC,P°C‡P° C,,CṛPSPeC†C-PsPSP°P»CHPSPsPiPs
CYP2C19 C,,PµCḡPjPµPSC,Cṛ, C,PsPjCṛ C—C... PSP°P·PëPIP°CḡC,CH B«PiPsPIC-P»CHPSPëPjPë
PjPµC,P°P±PsP»C-P·P°C,PsCḡP°PjPëB». Pj C,P°PePëC... PsCṛC-P± PjPµC,P°P±PsP»C-P·Pj
PsPjPµPiCḡP°P·PsP»Cṛ, PḤPjPsPIC-CḡPSPs, PI PsCṛPSPsPIPS°PjCṛ
PeP°C,P°P»C-P·CṛC”C,CHCṛCḷ CYP3Pḡ4. PµC-CṛP»Cḷ PiPsPIC,PsCḡPSPsPiPs
P·P°CṛC,PsCṛCṛPIP°PSPSCḷ PrPsP·Pë 20 PjPi PsPjPµPiCḡP°P·PsP»Cṛ PsPrPëPS CḡP°P· PSP°
PrPsP±Cṛ PiPsPeP°P·PSPëPe AUC Cṛ B«PiPsPIC-P»CHPSPëC...
PjPµC,P°P±PsP»C-P·P°C,PsCḡC-PIB» P±CṛPI Cṛ 5Ḃḡ”10 CḡP°P·C-PI PIPëC%PëPj, PSC-Pḡ Cṛ
CṛCṛP±'C”PeC,C-PI P· C,,CṛPSPeC†C-PsPSP°P»CHPSPëPj CYP2C19 C,,PµCḡPjPµPSC,PsPj
(B«CëPIPëPrPePëC... PjPµC,P°P±PsP»C-P·P°C,PsCḡC-PIB»). PṽPµCḡPµPrPSC- PiC-PePsPIC-
PiP»P°P·PjPsPIC- PePsPSC†PµPSC,CḡP°C†C— C,P°PePsPḡ P±CṛP»Pë PI
3Ḃḡ”5 CḡP°P·C-PI PIPëC%PëPjPë. PjC- PrP°PSC- PSPµ PIPiP»PëPIP°CḡC,CH PSP°
PrPsP·CṛPIP°PSPSCḷ PsPjPµPiCḡP°P·PsP»Cṛ.

P’PëPIPµPrPµPSPSCḷ

PµPµCḡC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCḷ PsPjPµPiCḡP°P·PsP»Cṛ P· PiP»P°P·PjPë
PeCḡPsPIC- P·P°P·PIPëC‡P°PḤ CṛC,P°PSPsPIPëC,CH PjPµPSCëPµ 1 PiPsPrPëPSPë CḷPe
PiC-CṛP»Cḷ PsPrPSPsPeCḡP°C,PSPsPiPs, C,P°Pe C- PiC-CṛP»Cḷ PiPsPIC,PsCḡPSPsPiPs
P·P°CṛC,PsCṛCṛPIP°PSPSCḷ PrPsP·Pë PsPrPëPS CḡP°P· PSP° PrPsP±Cṛ. PḥPjPµPiCḡP°P·PsP»
PiPsPIPSC-CṛC,Cḡ PIPëPiPsPrPëC,CHCṛCḷ P· PiP»P°P·PjPë PI C-PSC,PµCḡPIP°P»C- PjC-Pḡ
PiCḡPëPḤPsPjPsPj PrPIPsC... PrPsP· P±PµP· C,PµPSPPrPµPSC†C-C— PrPs PeCṛPjCṛP»CḷC†C-C—
PiC-Pr C‡P°Cṛ P·P°CṛC,PsCṛCṛPIP°PSPSCḷ PsPrPëPS CḡP°P· PSP° PrPsP±Cṛ. PḤP°PḤPḡPµ 80 %
PiPµCḡPsCḡP°P»CHPSPsC— PrPsP·Pë PsPjPµPiCḡP°P·PsP»Cṛ PIPëPiPsPrPëC,CHCṛCḷ Cṛ
PIPëPiP»CḷPrC- PjPµC,P°P±PsP»C-C,C-PI C-P· CṛPµC‡PµCḡ, CḡPµCëC,P° - P· PeP°P»PsPj, PI
PsCṛPSPsPIPS°PjCṛ CëP»CḷC...PsPj P±C-P»C-P°CḡPSPsC— CṛPµPeCḡPµC†C-C—.

AUC PsPjPµPiCḡP°P·PsP»Cṛ P·P±C-P»CHCëCṛC”C,CHCṛCḷ PiCḡPë PiPsPIC,PsCḡPSPsPjCṛ
P·P°CṛC,PsCṛCṛPIP°PSPSC-. PṽP°PePµ P·P±C-P»CHCëPµPSPSCḷ P·P°P»PµPḡPëC,CH PIC-Pr
PrPsP·Pë C- PiCḡPëP·PIPsPrPëC,CH PrPs PSPµP»C-PSC-PḤPSPsC— P·P°P»PµPḡPSPsCṛC,C-
PrPsP·Pë C,P° AUC PiC-CṛP»Cḷ PiPsPIC,PsCḡPSPsPiPs P·P°CṛC,PsCṛCṛPIP°PSPSCḷ. PṽP°PeP°
P·P°P»PµPḡPSC-CṛC,CH PIC-Pr C‡P°CṛCṛ C- PrPsP·Pë P·CṛPjPsPIP»PµPSP°
P·PSPëPḡPµPSPSCḷPj PjPµC,P°P±PsP»C-P·PjCṛ PiPµCḡCëPsPiPs PiCḡPsC...PsPrCṛ C,P°
CṛPëCṛC,PµPjPSPsPiPs PeP»C-CḡPµPSCṛCṛ, PḤPjPsPIC-CḡPSPs, CṛPiCḡPëC‡PëPSPµPSPsPiPs

PiCTHPePiPSC-C#PμPSPSCII Pj C,,PμCTHPjPμPSC,Cr CYP2C19 PsPjPμPiCTHP°P·PsP»PsPj C,P°/P°P±Ps
PNεPsPiPs PjPμC,P°P±PsP»C-C,P°PjPë (PSP°PiCTHPëPeP»P°Pr, CTCTP»CHC,,PsPSPsPj). PkPμ
P±CrP»Ps PIPëCIIPIP»PμPSPs PIPiP»PëPICr P¶PsPrPSPsPiPs PjPμC,P°P±PsP»C-C,Cr
PsPjPμPiCTHP°P·PsP»Cr PSP° CTμPeCTHPμC†C-CT PePëCTP»PsC,Pë Cr CëP»CrPSPeCr.

PhCTPsP±P»PëPIC- PiCTCTPiPë PiP°C†C-C”PSC,C-PI

PμPsCTHCzCëPμPSPSCII C,,CzPSPeC†C-C— PiPμC†C-PSPePë

PμPμC,P°P±PsP»C-P·Pj PsPjPμPiCTHP°P·PsP»Cr Cr PiP°C†C-C”PSC,C-PI P·
PiPsCTHCrCëPμPSPSCII Pj C,,CrPSPeC†C-C— PiPμC†C-PSPePë PiPsCTHCrCëCrC”C,CHCTCII, C%Ps
PiCTHPëP·PIPsPrPëC,CH PrPs P·P±C-P»CHCëPμPSPSCII AUC. PhPjPμPiCTHP°P·PsP» PSPμ
PiCTHPsPrPμPjPsPSC†C,CCTCrPIP°PI C,PμPSPrPμPSC†C-C— PrPs PSP°PePsPiPëC#PμPSPSCII
PiCTHPë P·P°CTC,PsCTCrPIP°PSPSC- PsPrPëPS CTHP°P· PSP° PrPsP±Cr.

PμPsCTHCzCëPμPSPSCII C,,CzPSPeC†C-C— PSPëCTHPsPe

PαP°CTHPjP°PePsPeC-PSPμC,PëPeP° PsPjPμPiCTHP°P·PsP»Cr, P·PsPeCTHPμPjP° CTPëCTC,PμPjPSP°
P±C-PsPrPsCTC,CrPiPSC-CTC,CH C,P° CëPIPëPrPeC-CTC,CH PIPëPIPμPrPμPSPSCII, PSPμ
P·PjC-PSCCTC,CHCTCII Cr PiP°C†C-C”PSC,C-PI P· PiPsCTHCrCëPμPSPSCII Pj C,,CrPSPeC†C-C—
PSPëCTHPsPe.

PμP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCz

PëPIPëPrPeC-CTC,CH PjPμC,P°P±PsP»C-P·PjCr PsPjPμPiCTHP°P·PsP»Cr Cr PiP°C†C-C”PSC,C-PI
P»C-C,PSCHPsPiPs PIC-PeCr (75B779 CTHPsPeC-PI) C” PrPμC%Ps P·PSPëP¶PμPSPsCT.

P”C-C,Pë

PμC-Pr C#P°CT P»C-PeCrPIP°PSPSCII PrC-C,PμPNε PIC-PePsPj PIC-Pr 1 CTHPsPeCr C-P·
P·P°CTC,PsCTCrPIP°PSPSCII Pj CTHPμPePsPjPμPSPrPsPIP°PSPëC... PrPsP·
CTPiPsCTC,PμCTC-PiP°P»PëCTCII PiP»P°P·PjPsPIC- PePsPSC†PμPSC,CTHP°C†C-C—,
PiPsCTC-PIPSCCTPIP°PSC- P· C,P°PePëPjPë Cr PrPsCTHPsCTP»PëC... PiP°C†C-C”PSC,C-PI. Pj
PrC-C,PμPNε PIC-PePsPj PrPs 6 PjC-CTCIICTC-PI PeP»C-CTHPμPSC† PsPjPμPiCTHP°P·PsP»Cr C”
P·PSPëP¶PμPSPëPj PIPSP°CTP»C-PrPsPe PSPëP·CHPePsC— P·PrP°C,PSPsCTC,C- PrPs
PjPμC,P°P±PsP»C-P·PjCr PsPjPμPiCTHP°P·PsP»Cr.

PμP»C-PSC-C#PSC- C...P°CTHP°PeC,PμCTHPëCTC,PëPePë.

PμPsPeP°P·P°PSPSCII.

P—P°CTC,PsCTCrPIP°PSPSCII PrPsCTHPsCTP»PëPj

B77B B B B B B B B B P>C-PeCrPIP°PSPSCII PIPëCTHP°P·PsPe
PrPIP°PSP°PrC†CII,C,PëPiP°P»PsC— PePëCëPePë

B77B B B B B B B B B PμCTHPsC,,C-P»P°PeC,PëPeP° CTHPμC†PëPrPëPICr PIPëCTHP°P·PsPe
PrPIP°PSP°PrC†CII,C,PëPiP°P»PsC— PePëCëPePë

B77B B B B B B B B B P>C-PeCrPIP°PSPSCII PrPsP±CTHPsCIIPeC-CTPSPëC... PIPëCTHP°P·PsPe
CëP»CrPSPeP°

$\text{P}\mu\text{C}-\text{PrPIP}\ddot{\text{C}}\%_{\text{P}\mu}\text{PSP}^{\circ}\text{C}\ddagger\text{CfC},\text{P}\gg\ddot{\text{P}}\ddot{\text{E}}\text{PIC}-\text{CfC},\text{CH}\text{ PrPs PsPjP}\mu\ddot{\text{P}}\ddot{\text{C}}\ddot{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{PsP}\gg\text{Cf},$
 $\text{P}\cdot\text{P}^{\circ}\text{PjC}-\text{C}\%_{\text{P}\mu}\text{PSP}\ddot{\text{E}}\text{C}\dots\text{P}\pm\text{P}\mu\text{PSP}\cdot\ddot{\text{P}}\ddot{\text{E}}\text{PjC}-\text{PrP}^{\circ}\text{P}\cdot\text{PsP}\gg\text{C}-\text{PI P}^{\circ}\text{P}\pm\text{Ps PrPs C}-\text{PSC}\epsilon\ddot{\text{P}}\ddot{\text{E}}\text{C}\dots$
 $\text{PePsPjP}\ddot{\text{P}}\ddot{\text{P}}\text{PsPSP}\mu\text{PSC},\text{C}-\text{PI P}\gg\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{CfC}\text{H}\text{PePsPiPs P}\cdot\text{P}^{\circ}\text{CfPsP}\pm\text{Cf}. \text{PhPjP}\mu\ddot{\text{P}}\ddot{\text{C}}\ddot{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{PsP}\gg, \text{C}\ddot{\text{U}}\text{Pe}$
 $\text{C}-\text{C}-\text{PSC}\epsilon\text{C}-\text{C}-\text{PSPiC}-\text{P}\pm\text{C}-\text{C},\text{PsC}\ddot{\text{H}}\text{P}\ddot{\text{E}}\ddot{\text{P}}\ddot{\text{C}}\ddot{\text{H}}\text{PsC},\text{PsPSPSPsC}-\ddot{\text{P}}\ddot{\text{P}}\text{PsPjP}\ddot{\text{P}}\ddot{\text{E}}, \text{PSP}\mu\text{ CfP}\gg\text{C}-\text{Pr}$
 $\text{P}\cdot\text{P}^{\circ}\text{CfC},\text{PsCfPsPICrPIP}^{\circ}\text{C},\ddot{\text{P}}\ddot{\text{E}}\text{ PsPrPSPsC}\ddagger\text{P}^{\circ}\text{CfPSPs P}\cdot\text{PSP}\mu\text{P}\gg\text{C},\text{C}-\text{PSP}^{\circ}\text{PIC}-\text{C}\ddot{\text{H}}\text{PsPj} (\text{Pr}\ddot{\text{P}}\ddot{\text{E}}\text{PI}.$

$$\text{C}\bar{\text{F}}_3\text{P}\bar{\text{S}}\cdot\text{PrC-P}\gg\text{B}\ll\text{P}'\text{P}\cdot\text{P}^\circ\text{C}''\text{PjPsPrC-Cl}\text{ P}\cdot\text{C-PSC}\bar{\text{E}}\text{P}\bar{\text{E}}\text{PjP}\bar{\text{E}}\text{ P}\gg\text{C-PeP}^\circ\text{C}\bar{\text{F}}_3\text{C}\bar{\text{I}}\text{CHbPeP}\bar{\text{E}}\text{PjP}\bar{\text{E}}\text{ P}\cdot\text{P}^\circ\text{C}\bar{\text{I}}'\text{PsP}\pm\text{P}^\circ\text{PjP}\bar{\text{E}}\text{ C,P}^\circ\text{C-PSC}\bar{\text{E}}\text{C-PIP}\bar{\text{E}}\text{PrP}\bar{\text{E}}\text{ PIP}\cdot\text{P}^\circ\text{C}''\text{PjPsPrC-PN}_2\text{B}\gg).$$

$P^{\circ}P^{\circ}C^{\circ}P_jP_sPrC-C\Pi P^{\circ}C-PSC\epsilon P\ddot{e}P_jP\ddot{e}P\gg C-P\epsilon P^{\circ}C\overline{H}C\overline{I}C\overline{H}P\epsilon P\ddot{e}P_jP\ddot{e}P^{\circ}P^{\circ}C\overline{I}P_sP\pm P^{\circ}P_jP\ddot{e}C,P^{\circ}C-PSC\epsilon C-PIP\ddot{e}PrP\ddot{e}PIP^{\circ}P^{\circ}C^{\circ}P_jP_sPrC-PN_2$.

P°P°P»P°PI PsPjPµP°C̄P°P·PsP»C̄r PSP° C„P°C̄PjP°PePsPeC-PSPµC,P°PeC̄r C-PSC€P°C...
P»C-PeP°C̄C̄C̄PeP°C... P·P°C̄P°P±C-PI

$P \rightarrow C - P \in P^{\circ} C \bar{H} C \bar{H} C \bar{H} P \in C - P \cdot P^{\circ} C \bar{H} P s P \pm P \bar{e}, P I C \bar{H} P j P s P \in C, C \acute{z} P I P^{\circ} P S P S C \bar{H} C \bar{H} P \in P \bar{e} C \dots$
 $P \cdot P^{\circ} P \gg P \mu P \bar{H} P \bar{e} C, C \bar{H} P I C - P \bar{r} C \bar{H} P \acute{K} C \bar{E} P \gg C \acute{z} P S P \bar{E} P^{\circ}$

$\text{P}_{\text{H}}\text{C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{P}\text{iPSC}-\text{C}\ddagger\text{P}_{\text{H}}\text{PSPSC}\overline{\text{H}}\text{C}\overline{\text{e}}\text{P}\gg\text{C}\acute{\text{r}}\text{PSPePsPIP}\text{sC}-\text{PeP}\ddot{\text{e}}\text{C}\acute{\text{r}}\text{P}\gg\text{PsC},\text{PSPsC}\acute{\text{r}}\text{C},\text{C}-\text{P}\ddot{\text{r}}\text{C}-\text{P}\ddot{\text{r}}\text{C}\ddagger\text{P}^{\circ}\text{C}\acute{\text{r}}\text{P}\gg\text{C}-\text{PeC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\overline{\text{H}}\text{PsPjP}_{\text{H}}\text{P}\ddot{\text{r}}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{PsP}\gg\text{PsPjPjPsP}\overline{\text{H}}\text{P}_{\text{H}}\text{P}\cdot\text{PSP}\ddot{\text{e}}\text{P}\overline{\text{H}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{P}^{\circ}\text{P}\pm\text{PsP}\ddot{\text{r}}\text{C}-\text{P}\ddot{\text{r}}\text{PIP}\ddot{\text{e}}\text{C}\%_{\text{O}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{P}^{\circ}\text{P}\pm\text{C}\acute{\text{r}}\text{PsC}\overline{\text{H}}\text{P}\pm\text{C}\ddagger\text{C}-\text{C}\overline{\text{H}}\text{P}\gg\text{C}-\text{PeP}^{\circ}\text{C}\overline{\text{H}}\text{C}\acute{\text{r}}\text{C}\overline{\text{H}}\text{PeP}\ddot{\text{e}}\text{C}\dots\text{P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PsP}\pm\text{C}-\text{PI},\text{PIC}\overline{\text{r}}\text{PjPsPeC},\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\overline{\text{H}}\text{C}\overline{\text{H}}\text{PeP}\ddot{\text{e}}\text{C}\dots\text{P}\cdot\text{P}^{\circ}\text{P}\gg\text{P}_{\text{H}}\text{P}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{C},\text{C}\overline{\text{H}}\text{PIC}-\text{P}\ddot{\text{r}}\text{C}\overline{\text{H}}\text{P}\acute{\text{K}}\text{C}\overline{\text{e}}\text{P}\gg\text{C}\acute{\text{r}}\text{PSPeP}^{\circ}.$

P₇PsPSC†P_μPSC,C₇H₅P°C†C-C— PSp_μP»C,,C-PSP°PIC-C₇H₅Cé C,P° P°C,P°P·P°PSP°PIC-C₇H₅Cé Cr
PiP»P°P·PjC- P_eC₇H₅PsPIC- P·PSPëP¶CrC₇H₅,CH₃CÍCÍ PiC₇H₅Pë PsPrPSPsC†P°CÍPSPsPjCr
P·P°CÍC,P_sCÍCrPIP°PSPSC- C†PëC... P»C-PeP°C₇H₅CÍCH₃PePëC... P·P°CÍPsP±C-PI P·
PsPjP_μPiC₇H₅P°P·PsP»PsPj.

PhPrPSPsC†P°CíPSPµ P·P°CíC,PsCíCíPIP°PSPSC¶ PsPjPµPíC¶P°P·PsP»Cí C-
PSPµP»C,,C-PSP°PIC-C¶C¿ PíC¶PsC,PëPíPsPeP°P·P°PSPµ (PrPëPl. C¶PsP·PrC-P»
B«PµC¶PsC,PëPíPsPeP°P·P°PSPSC¶B»).

PhPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCİ PsPjPµPİCİP°P·PsP»CÍ (40 PjPi 1 CİP°P·/PrPsP±CÍ) P·PSPëP¶CÍPIP°P»Ps CÍPµCİPµPrPSCİ PµPeCÍPİPsP·PëC†C-Cİ PSPµP»C„C-PSP°PIC-CİCÍ PİCİPëP±P»PëP·PSPs PSP° 40 %, P° CÍPµCİPµPrPSCİ PµPeCÍPİPsP·PëC†C-Cİ C„P°CİPjP°PePsP»PsPiC-C†PSPs P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,CÍ P¶8 P·PSPëP¶CÍPIP°P»P°CÍCİ PİCİPëP±P»PëP·PSPs PSP° 75bİ“90 %. P’P·P°C”PjPsPrC-Cİ PjPsP¶Pµ C,P°PePsP¶ PİPeP»CİC†P°C,Pë C-PSPiC-P±CÍPIP°PSPSCİ CYP2C19.

PkPμ CḡPμPePsPjPμPSPrCrC" C,ChCfCfCf PsPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCrPIP°PSPSCfCf
 PsPjPμPīCḡP°P·PsP»Cr C,P° P°C,P°P·P°PSP°PIC-CḡCz. Pj CḡPμP·CrP»ChC,P°C,C-
 PsPrPSPsC±P°CfPSPsPiPs PīCḡPēPNεPsPjCr PsPjPμPīCḡP°P·PsP»Cr (40 PjPi 1 CḡP°P·/PrPsP±Cr) P·
 PePsPjPīP»PμPeCfPsPj P°C,P°P·P°PSP°PIC-Cḡ 300 PjPi/CḡPēC,PsPSP°PIC-Cḡ 100 PjPi Cr
 P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»ChCfC-C-Pi PSP° 75 % P·PjPμPSCεPēP»P°CfCfCf
 PμPeCfPīPsP·PēCfC-CfCf P°C,P°P·P°PSP°PIC-CḡCr. P—P±C-P»ChCεPμPSPSCfCf PrPsP·Pē
 P°C,P°P·P°PSP°PIC-CḡCr PrPs 400 PjPi PSPμ PePsPjPīPμPSCfCrC" PIPiP»PēPI
 PsPjPμPīCḡP°P·PsP»Cr PSP° PμPeCfPīPsP·PēCfC-Cḡ P°C,P°P·P°PSP°PIC-CḡCr. Pj
 CḡPμP·CrP»ChC,P°C,C- PsPrPSPsC±P°CfPSPsPiPs PīCḡPēPNεPsPjCr P·PrPsCḡPsPIPēPjPē
 PrPsP±CḡPsPIPsP»ChCfCfCfPjPē PsPjPμPīCḡP°P·PsP»Cr (20 PjPi 1 CḡP°P·/PrPsP±Cr) P·
 PePsPjPīP»PμPeCfPsPj P°C,P°P·P°PSP°PIC-Cḡ 400 PjPi/CḡPēC,PsPSP°PIC-Cḡ 100 PjPi
 PμPeCfPīPsP·PēCfC-CfCf P°C,P°P·P°PSP°PIC-CḡCr P·PjPμPSCεPēP»P°CfCfCf PSP° 30 %
 PīPsCḡC-PIPSCfCfPSPs C-P· P·P°CfC,PsCfCrPIP°PSPSCfCfPj PePsPjPīP»PμPeCfCr
 P°C,P°P·P°PSP°PIC-Cḡ 300 PjPi/CḡPēC,PsPSP°PIC-Cḡ 100 PjPi.

$$\text{PhPrPSPSC}\ddot{\text{P}}^{\circ}\text{C}\dot{\text{r}}\text{PSP}_{\mu}\text{P}\cdot\text{P}^{\circ}\text{C}\dot{\text{r}}\text{C},\text{PsC}\dot{\text{r}}\text{C}\dot{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\text{LI}\text{PsPjP}_{\mu}\text{P}\ddot{\text{C}}\text{H}\text{P}^{\circ}\text{P}\cdot\text{PsP}\gg\text{C}\dot{\text{r}}\quad (20\text{ PjPi } 1)$$

СҗP°P·/PrPsP±Cf) C,P° PrPëPiPsPeCfPëPSCз P·PrPsCҗPsPIPëPjPë
PrPsP±CҗPsPIPsP»CHC†CҗPjPë C†PіCҗPëC†PëPSPëP»PsB PіC-PrPIPëC%oPµPSPSCҗ
P±C-PsPrPsCfC,C†PіPSPsCfC,C- PrPëPiPsPeCfPëPSCf PSP° 10 %. P'PeCҗP°PNз CҗC-PrPePs
PіPsPIC-PrPsPjP»CҗP»Pë PіCҗPs PIPëPіP°PrPePë C,PsPeCfPëC†PSPsCfC,C-
PrPëPiPsPeCfPëPSCf. PҗP»C-Pr P· PsP±PµCҗPµPҗPSC-CfC,Cҗ PsPrPSPsC†P°CfPSPs
P·P°CfC,PsCfPsPICfPIP°C,Pë PrPëPiPsPeCfPëPS C,P° PIPëCfPsPeC- PrPsP·Pë
PsPjPµPіCҗP°P·PsP»C† PіP°C†C-C"PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCf. Pj C,P°PePëC...
PIPëPіP°PrPeP°C... PіPsPeP°P·P°PSPëPNз PіPsCfPëP»PµPSPëPNз C,PµCҗP°PіPµPIC,PëC†PSPëPNз
PjPsPSC-C,PsCҗPëPSi PrPëPiPsPeCfPëPSCf P· P±PsPeC† P»C-PeP°CҗCҗ.

Pj P·PrPsCҗPsPIPëC... PrPsP±CҗPsPIPsP»CHC†C-PI C†PіPsCfC,PµCҗC-PіP°P»P°CfCҗ
C,,P°CҗPjP°PePsPeC-PSPµC,PëC†PSP° (PαPҗ)/C,,P°CҗPjP°PePsPrPëPSP°PjC-C†PSP° (PαP")
PIP·P°C"PjPsPrC-Cҗ PjC-Pҗ PeP»PsPіC-PrPsPіCҗPµP»PµPj (PSP°PIP°PSC,P°PҗC†PIP°P»CHPSP°
PrPsP·P° 300 PjPi/PrPsP±PsPIP° PіC-PrC,CҗPëPjC†CҗC†P° PrPsP·P° 75 PjPi) C,P°
PsPjPµPіCҗP°P·PsP»PsPj (80 PjPi PSP° PrPsP±C† PіPµCҗPsCҗP°P»CHPSPs), C%oPs
PіCҗPëP·PIPsPrPëP»P° PrPs P·PjPµPSC€PµPSPSCҗ PµPeCfPіPsP·PëC†C-C— P°PeC,PëPIPsPiPs
PjPµC,P°P±PsP»C-C,C† PeP»PsPіC-PrPsPіCҗPµP»Cҗ C† C†PµCҗPµPrPSCҗPsPjC† PSP° 46 % C,P°
P·PjPµPSC€PµPSPSCҗ PjP°PeCfPëPjP°P»CHPSPsC— C-PSPiC-P±C†CҗC†PsC— PrC-C— (PҗP"Pa-
C-PSP†C†PePsPIP°PSPsC—) P°PіCҗPµPіP°C†C-C— C,CҗPsPjP±PsC†PëC,C-PI C†
C†PµCҗPµPrPSCҗPsPjC† PSP° 16 %. PҗC†PіPµCҗPµC†P»PëPIC- PrP°PSC- C%oPsPrPs
PeP»C-PSC-C†PSPëC... PіCҗPsCҗPIC-PI C†C-C"С— PαPҗ/PαP" PIP·P°C"PjPsPrC-C— P·
C,PsC†PePë P·PsCҗC† PsCfPSPsPIPsPëC... C†PµCҗC†PµPIPs-C†C†PrPëPSPSPëC...
P·P°C...PIPsCҗCҗPIP°PSCҗ P±C†P»Pë PsC,CҗPëPjP°PSC- C† C...PsPrC- PіCҗPsPIPµPrPµPSPSCҗ
PsP±C†PµCҗPIP°C†C-PNзPSPëC... C- PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrPҗPµPSCҗ. PіPe
P·P°PіPsP±C-PҗPSPëPNз P·P°C...C-Pr C†P»C-Pr C†PSPëPeP°C,Pë PsPrPSPsC†P°CfPSPsPiPs
P·P°CfC,PsCfC†PIP°PSPSCҗ PsPjPµPіCҗP°P·PsP»C† C- PeP»PsPіC-PrPsPіCҗPµP»Cҗ.

P†PSC€C- PrC-CҗC†C- CҗPµC†PsPIPëPSPë

PҗP±C†PsCҗP±C†C-Cҗ PіPsCfP°PePsPSP°P·PsP»Cз, PµCҗP»PsC,PëPSC-P±Cз,
PePµC,PsPePsPSP°P·PsP»Cз C,P° C-C,CҗP°PePsPSP°P·PsP»Cз P·PSP°C†PSPs
P·PjPµPSC€C†C"C,CHC†Cҗ, C- C,P°PePëPj C†PëPSPsPj PeP»C-PSC-C†PSP°
PµC,,PµPeC,PëPIPsC-CfC,CH PjPsPҗPµ PіPsPiC-CҗC€C†PIP°C,PëCfCҗ. PҗP»C-Pr
C†PSPëPeP°C,Pë PsPrPSPsC†P°CfPSPsPiPs PіCҗPëPNзPsPjC† P»C-PeP°CҗC†CHPePsPiPs
P·P°CfPsP±C† P· PіPsCfP°PePsPSP°P·PsP»PsPj C,P° PµCҗP»PsC,PëPSC-P±PsPj.

*P"C-CҗC†C- CҗPµC†PsPIPëPSPë, CҗPeC- PjPµC,P°P±PsP»C-P·CзCҗC,CHC†Cҗ P· CзC†P°CfC,Cҗ
CYP2C19*

PҗPjPµPіCҗP°P·PsP» C" PіPsPjC-CҗPSPëPj C-PSPiC-P±C-C,PsCҗPsPj CYP2C19 бҗ"
PsCfPSPsPIPsPiPs C,,PµCҗPjPµPSC,C†, CҗPePëPNз P±PµCҗPµ C†C†P°CfC,CH C†
PjPµC,P°P±PsP»C-P·PjC- PsPjPµPіCҗP°P·PsP»C†. PҗP°PePëPj C†PëPSPsPj, PіCҗPë PNзPsPiPs
PsPrPSPsC†P°CfPSPsPjC† P·P°CfC,PsCfC†PIP°PSPSC- P· PrC-CҗC†PëPjPë
CҗPµC†PsPIPëPSP°PjPë, CҗPeC- C,P°PePsPҗ PjPµC,P°P±PsP»C-P·C†CҗC,CHC†Cҗ CYP2C19,
PjPµC,P°P±PsP»C-P·Pj C†PëC... CҗPµC†PsPIPëPS PjPsPҗPµ PіPsPiC-CҗC€C†PIP°C,PëCfCҗ, P°
C†PëCfC,PµPjPSP° PµPeCfPіPsP·PëC†C-Cҗ — PіC-PrPIPëC%oC†PIP°C,PëCfCҗ.
PµCҗPëPeP»P°PrP°PjPë C,P°PePëC... PіCҗPµPіP°CҗP°C,C-PI C" R-PIP°CҗC,,P°CҗPëPS C,P°
C-PSC€C- P°PSC,P°PіPsPSC-CfC,Pë PIC-C,P°PjC-PSC† Pҗ, C†PëP»PsCfC,P°P·PsP»,
PrC-P°P·PµPіP°Pj C- C,,PµPSC-C,PsC—PS.

P PµPePsPjPµPSP†C†C"C,CHC†Cҗ PePsPSC,CҗPsP»CҗPIP°C,Pë PePsPSC†PµPSC,CҗP°C†C-Cҗ
C,,PµPSC-C,PsC—PSCз C† PіP»P°P·PjC- PeCҗPsPIC- C†PіCҗPsPrPsPIPҗ PіPµCҗC€PëC... PrPIPsC...

C, PëP¶PSC-PI PïC-ClP»C¶ PïPsC±P°C, PeCf P»C-PeCfPIP°PSPSC¶ PsPjPµPïC¶P°P·PsP»PsPj C,P°, C¶PeC%Ps PrPsP·Cf C,,PµPSC-C,PsC—PSCf PePsC¶PëPiCfC¶C,CH, PïC-ClP»C¶ P·P°PeC-PSC±PµPSPSC¶ P»C-PeCfPIP°PSPSC¶ PsPjPµPïC¶P°P·PsP»PsPj PSPµPsP±C...C-PrPSPëPñ PjPsPSC-C,PsC¶PëPSPi C,P° PïPsPrP°P»CHC€Pµ PePsC¶PëPiCfPIP°PSPSC¶ PrPsP·Pë.

Pj P·PrPsC¶PsPIPëC... PrPsP±C¶PsPIP°P»CHC†C-PI PIPµPrPµPSPSC¶ PsPjPµPïC¶P°P·PsP»Cf Cf PrPsP·C- 40 PjPi PïC-PrPIPëC%CfPIP°P»Ps P_{max} C,P° AUC C†PëP»PsCfC,P°P·PsP»Cé PSP° 18 % C,P° 26 % PIC-PrPïPsPIC-PrPSPs, P° PsPrPSPsPiPs P· PñPsPiPs P°PeC,PëPIPSPëC... PjPµC,P°P±PsP»C-C,C-PI B¶“ PSP° 29 % C,P° 69 % PIC-PrPïPsPIC-PrPSPs.

PkPµPIC-PrPsPjC- PjPµC...P°PSC-P·PjPë PIP·P°C”PjPsPrC-C—

Pj C¶PµP·CfP»CHC,P°C,C- PsPrPSPsC±P°ClPSPsPiPs PïC¶PëPñPsPjCf PsPjPµPïC¶P°P·PsP»Cf P· ClP°PePIC-PSP°PIC-C¶PsPj/C¶PëC,PsPSP°PIC-C¶PsPj PePsPSC†PµPSC,C¶P°C†C-C— ClP°PePIC-PSP°PIC-C¶Cf Cf PïP»P°P·PjC- PeC¶PsPIC- P·P±C-P»CHC€PëP»PëClC¶ PïC¶PëP±P»PëP·PSPs PrPs 70 %, C%Ps P°ClPsC†C-C¶C”C,CHCfC¶ P· PrPsP±C¶PsC¶ PïPµC¶PµPSPsClPëPjC-ClC,C¶ Cf P’P†P·C-PSC,,C-PePsPIP°PSPëC... PïP°C†C-C”PSC,C-PI.

PµPsPIC-PrPsPjP»C¶P»Pë PïC¶Ps PïC-PrPIPëC%PµPSPSC¶ PePsPSC†PµPSC,C¶P°C†C-C— C,P°PeC¶PsP»C-PjCéClCé PI ClPëC¶PsPIP°C,C†C- PeC¶PsPIC- PïC¶Pë PsPrPSPsC±P°ClPSPsPjCf P·P°ClC,PsClCfPIP°PSPSC- P· PsPjPµPïC¶P°P·PsP»PsPj. PkPµPsP±C...C-PrPSPëPñ PïPsClPëP»PµPSPëPñ PjPsPSC-C,PsC¶PëPSPi PePsPSC†PµPSC,C¶P°C†C-C— C,P°PeC¶PsP»C-PjCfClCf C,P° C,,CfPSPeC†C-C— PSPëC¶PsPe (PeP»C-C¶PµPSCf PeC¶PµP°C,PëPSC-PSCf) PïC¶Pë PsPrPSPsC±P°ClPSPsPjCf PïC¶PëPñPsPjC- P· PsPjPµPïC¶P°P·PsP»PsPj C,P° P·P° PSPµPsP±C...C-PrPSPsClC,C- PePsC¶PëPiCfPIP°PSPSC¶ PrPsP·Pë C,P°PeC¶PsP»C-PjCfClCf.

PµPsPIC-PrPsPjP»C¶P»Pë PïC¶Ps PïC-PrPIPëC%PµPSPSC¶ C¶C-PIPS¶ PjPµC,PsC,C¶PµPeClP°C,Cé Cf PrPµC¶PePëC... PïP°C†C-C”PSC,C-PI PïC¶Pë PsPrPSPsC±P°ClPSPsPjCf PïC¶PëPñPsPjC- P· P†PµPµ. Pj C¶P°P·C- PSPµPsP±C...C-PrPSPsClC,C- P·P°ClC,PsClCfPIP°PSPSC¶ PjPµC,PsC,C¶PµPeClP°C,Cf Cf PIPëClPsPePëC... PrPsP·P°C... ClP»C-Pr C¶PsP·PiP»C¶PSCfC,Pë PïPëC,P°PSPSC¶ PïC¶Ps C,PëPjC±P°ClPsPICf PIC-PrPjC-PSCf PsPjPµPïC¶P°P·PsP»Cf.

P’PïP»PëPI C-PSC€PëC... P»C-PeP°C¶ClCHPePëC... P·P°ClPsP±C-PI PSP° C,,C¶C¶PjP°PePsPeC-PSPµC,PëPeCé PsPjPµPïC¶P°P·PsP»Cé

P†PSPiC-P±C-C,PsC¶Pë CYP2C19 C,P°/P°P±Ps CYP3A4

PhClPeC-P»CHPePë PjPµC,P°P±PsP»C-P·Pj PsPjPµPïC¶P°P·PsP»Cf PIC-PrP±CfPIP°C”C,CHCfC¶ P· CfC±P°ClC,C¶ CYP2C19 C- CYP3A4, PrC-C¶C±C- C¶PµC±PsPIPëPSPë P· PIC-PrPsPjPsC¶ P·PrP°C,PSC-ClC,C¶ C-PSPiC-P±CfPIP°C,Pë CYP2C19 P°P±Ps CYP3A4 (PSP°PïC¶PëPeP»P°Pr PeP»P°C¶PëC,C¶PsPjC-C†PëPS C- PIPsC¶PëPePsPSP°P·PsP») PjPsP¶CfC,CH ClPïC¶PëC±PëPSC¶C,Pë PïC-PrPIPëC%PµPSPSC¶ ClPëC¶PsPIP°C,PePsPIPëC... C¶C-PIPS¶ PsPjPµPïC¶P°P·PsP»Cf, P·PjPµPSC€CfC¶C±Pë C€PIPëPrPeC-ClC,C¶ PñPsPiPs PjPµC,P°P±PsP»C-P·PjCf. P_YCfPïCfC,PSC” P»C-PeCfPIP°PSPSC¶ PsPjPµPïC¶P°P·PsP»PsPj C,P° PIPsC¶PëPePsPSP°P·PsP»PsPj PjPsP¶Pµ PïC¶PëP·PIPsPrPëC,Pë PrPs P±C-P»CHC€ PSC-P¶ PrPSPsPeC¶P°C,PSPsPiPs P·C¶PsClC,P°PSPSC¶ PµPeClPïPsP·PëC†C-C— PsPjPµPïC¶P°P·PsP»Cf. PhClPeC-P»CHPePë PIPëClPsPeC- PrPsP·Pë PsPjPµPïC¶P°P·PsP»Cf PïPµC¶PµPSPsClC¶C,CHCfC¶ PrPsP±C¶Pµ, PePsC¶PëPiCfPIP°PSPSC¶ PrPsP·Pë

PsPjPμPīCḡP°P·PsP»Cř P·P°PīP°P»PsPj PSPμ PīPsC,ḡC-P±PSPμ. PμḡPsC,Pμ CřP»C-Pr
ḡPsP·PīP»CḡPSCřC,Pē PīPēC,P°PSPSCḡ PePsḡPēPīCřPIP°PSPSCḡ PrPsP· Cř
PīP°C†C-C°PSC,C-PI P· C,CḡPḡPePēPjPē PīPsḡCřCēPμPSPSCḡPjPē C„CřPSPeC†C-C—
PīPμC†C-PSPePē C,P°, CḡPeC%Ps PīPsPeP°P·P°PSPs C,ḡPēPIP°P»Pμ P»C-PeCřPIP°PSPSCḡ.

P†PSPrCžPeC,PsḡPē CYP2C19 C,P°/P°P±Ps CYP3A4

P°C-ḡC†C- ḡPμC†PsPIPēPSPē P· PIC-PrPsPjPsḡ P·PrP°C,PSC-CřC,ḡ C-PSPrCřPeCřPIP°C,Pē
CYP2PŸ19, CYP3Pḡ4 P°P±Ps PsP±PēPrPIP° C„PμḡPjPμPSC,Pē (PSP°PīCḡPēPeP»P°Pr
ḡPēC„P°PjPīC-C†PēPS, P·PIC-ḡPsP±C-PNē P·PIPēC†P°PNēPSPēPNē), PjPsPḡCřC,ḡ
PīCḡPēP·PIPμCřC,Pē PrPs P·PjPμPSCēPμPSPSCḡ ḡC-PIPS-C-PI PsPjPμPīCḡP°P·PsP»Cř PI
CřPēḡPsPIP°C,C†C- PeḡPsPIC-, PīCḡPēCřPePsḡḡCḡC†Pē CēPIPēPrPeC-CřC,ḡ PNēPsPīPs
PjPμC,P°P±PsP»C-P·PjCř.

PḡCřPsP±P»PēPIPsCřC,C- P·P°CřC,PsCřCžPIP°PSPSCḡ.

PīPeC%Ps PSP°CḡPIPS-C,P°PeC- C,ḡPēPIPSPḡPSC- CřPēPjPīC,PsPjPē CḡPe P·PSP°C†PSP°
PSPμPSP°PIPjPēCřPSP° PIC,ḡP°C,P° PjP°CřPē C,C-P»P°, P±PμP·PīPμḡPμḡPIPSPμ
P±P»CḡPIP°PSPSCḡ, PrPēCřC„P°PīC-Cḡ, P±P»CḡPIP°PSPSCḡ PeḡPsPI'ḡ P°P±Ps
PjPμP»PμPSP°, CḡPeC%Ps C° PīC-PrPsP·ḡP° C†Pē PSP°CḡPIPS-CřC,ḡ PIPēḡP°P·PePē,
PSPμPsP±C...C-PrPSPs PIPēPeP»CḡC†PēC,Pē PSP°CḡPIPS-CřC,ḡ P·P»PsCḡPeC-CřPSPsPīPs
CřC,PIPsḡPμPSPSCḡ, PsCřPeC-P»ḡPePē PīCḡPēPNēPsPj P»C-PeP°ḡCřḡPePsPīPs
P·P°CřPsP±Cř PjPsPḡPμ PjP°CřPeCřPIP°C,Pē PNēPsPīPs CřPēPjPīC,PsPjPē C,P°
P·P°C,ḡPēPjCřPIP°C,Pē PICřC,P°PSPsPIP»PμPSPSCḡ PīCḡP°PIPēP»ḡPSPsPīPs
PrC-P°PīPSPsP·Cř.

PḡPrPSPsC†P°CřPSPμ P·P°CřC,PsCřCřPIP°PSPSCḡ P°C,P°P·P°PSP°PIC-ḡCř P· P†PμPμ PSPμ
ḡPμPePsPjPμPSPrCřC„ḡCḡCřCḡ. PīPeC%Ps PePsPjP±C-PSP°C†C-C—
P°C,P°P·P°PSP°PIC-ḡCř P· P†PμPμ PSPμ PjPsPḡPSP° CřPSPēPePSCřC,Pē,
ḡPμPePsPjPμPSPrCřC„ḡCḡCřCḡ ḡPμC,PμP»ḡPSPēPNē PeP»C-PSC-C†PSPēPNē
PjPsPSC-C,PsḡPēPSPi (PSP°PīCḡPēPeP»P°Pr PIC-ḡCřCřPSPμ PSP°PIP°PSC,P°PḡPμPSPSCḡ) Cř
PīPsC°PrPSP°PSPSC- P·C- P·P±C-P»ḡCēPμPSPSCḡPj PrPsP·Pē P°C,P°P·P°PSP°PIC-ḡCř PrPs
400 PjPi PSP° 100 PjPi ḡPēC,PsPSP°PIC-ḡCř; PrPsP·P° PsPjPμPīCḡP°P·PsP»Cř PSPμ
PīPsPIPēPSPSP° PīPμḡPμPIPēC%CřPIP°C,Pē 20 PjPi.

P»C-PeCřPIP°PSPSCḡ C-PSPiC-P±C-C,PsḡP°PjPē PīCḡPsC,PsPSPSPsC— PīPsPjPīPē PjPsPḡPμ
PīCḡPēP·PIPsPrPēC,Pē PrPs PSPμP·PSP°C†PSPsPīPs P·P±C-P»ḡCēPμPSPSCḡ ḡPēP·PēPeCř
ḡPsP·PIPēC,PeCř PePēCēPePsPIPēC... C-PSC„PμPeC†C-PNē, CřPīCḡPēC†PēPSPμPSPēC...
C,P°PePēPjPē P±P°PeC,PμḡC-CḡPjPē CḡPe *Salmonella* C- *Campylobacter*, P° Cř
PīPsCřPīC-C,P°P»C-P·PsPIP°PSPēC... PīP°C†C-C°PSC,C-PI, PjPsPḡP»PēPIPs,
CřPīCḡPēC†PēPSPμPSPsC— *Clostridium difficile*.

PḡPjPμPīCḡP°P·PsP» C° C-PSPiC-P±C-C,PsḡPsPj CYP2PŸ19. PḡP° PīPsC†P°C,PeCř C†Pē Cř
PeC-PSC†C- P»C-PeCřPIP°PSPSCḡ PsPjPμPīCḡP°P·PsP»PsPj PSPμPsP±C...C-PrPSPs
PīCḡPēPNēPjP°C,Pē PrPs CřPIP°PīPē PīPsC,PμPSC†C-PNēPSCř PjPsPḡP»PēPIC-CřC,ḡ
PIP·P°C°PjPsPrC-C— C-P· P·P°CřPsP±P°PjPē, C%Ps PjPμC,P°P±PsP»C-P·CřḡC,ḡCḡCḡCḡ
CYP2PŸ19, PSP°PīCḡPēPeP»P°Pr C-P· PeP»PsPīC-PrPsPīCḡPμP»PμPj. PḡP»C-PSC-C†PSP°
P·PSP°C†CřC%C-CřC,ḡ C†C-C°C— PIP·P°C°PjPsPrC-C— P·P°P»PēCēP°C„ḡC,ḡCḡCḡCḡ
PSPμP·ḡPsP·CřPjC-P»Psḡ. PīPe P·P°PīPsP±C-PḡPSPēPNē P·P°C...C-Pr PSPμPsP±C...C-PrPSPs
CřPSPēPeP°C,Pē PsPrPSPsC†P°CřPSPsPīPs P·P°CřC,PsCřCřPIP°PSPSCḡ PsPjPμPīCḡP°P·PsP»Cř

C- PeP»PsPiC-PrPsPiCḡPμP»Cḡ.

P—P±C-P»CHC€PμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C-C— CgA PjPsP¶Pμ PIPiP»PēPIP°C,Pē PSP°
CḡPμP·CḡP»CHC,P°C,Pē PrPsCḡP»C-PrP¶PμPSCḡ PrP»Cḡ PIPēCḡPIP»PμPSPSCḡ
PSPμPNēCḡPsPμPSPPrPsPeCḡPēPSPSPēC... PiCḡC...P»PēPS. P°P»Cḡ P·P°PiPsP±C-PiP°PSPSCḡ
C,P°PePsPiPs PIPiP»PēPICḡ PSPμPsP±C...C-PrPSPs PiCḡPēPiPēPSPēC,Pē PiCḡPēPNēPsPj
PsPjPμPiCḡP°P·PsP»Cḡ P·P° 5 PrPSC-PI PrPs PiCḡPsPIPμPrPμPSPSCḡ PIPēP·PSP°C†PμPSPSCḡ
CḡC-PIPSCḡ CgA. PīPeC%Ps CḡC-PIPSC- CgA C- PiP°CḡC,CḡPēPSCḡ PSPμ
PiPsPIPμCḡPSCḡP»PēCḡCḡ PI PrC-P°PiP°P·PsPS PμC,P°P»PsPSPSPēC... P·PSP°C†PμPSCḡ
PiC-CḡP»Cḡ PiPsC†P°C,PePsPIPēC... PIPēPjC-CḡCḡPIP°PSCḡ, PIPēPjC-CḡCḡPIP°PSPSCḡ
C†PēC... PiPsPeP°P·PSPēPeC-PI CḡP»C-Pr PiPsPIC,PsCḡPēC,Pē C†PμCḡPμP· 14 PrPSC-PI
PiC-CḡP»Cḡ PiCḡPēPiPēPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡPsPj
PiCḡPsC,PsPSPSPsC— PiPsPjPiPē.

Pj PiP°C†C-C°PSC,C-PI, CḡPeC- PiCḡPēPNēPjP°P»Pē PsPjPμPiCḡP°P·PsP»,
CḡPiPsCḡC,PμCḡC-PiP°PICḡCḡ PiPsCḡC,CḡPēPNē
C,CḡP±CḡP»PsC-PSC,PμCḡCḡC,PēC†C-P°P»CHPSPēPNē PSPμC,,CḡPēC, (PḡP†Pḡ). P°C-PS PjPsP¶Pμ
PIPēPSPēPePSCḡC,Pē PI P±CḡPrCHC-CḡPePēPNē PjPsPjPμPSC, C,PμCḡP°PiC-C—
PsPjPμPiCḡP°P·PsP»PsPj. P°PsCḡC,CḡPēPNē
C,CḡP±CḡP»PsC-PSC,PμCḡCḡC,PēC†C-P°P»CHPSPēPNē PSPμC,,CḡPēC, PjPsP¶Pμ
PiCḡPsPiCḡPμCḡCḡPIP°C,Pē PrPs PSPēCḡPePsPIPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-. Pj
CḡP°P·C- PiC-PrPsP·CḡPē PSP° TIPḡ CḡP»C-Pr PiCḡPēPiPēPSPēC,Pē
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PsPjPμPiCḡP°P·PsP»Cḡ C,P° PSPμPiP°PNēPSPs CḡPsP·PiPsC†P°C,Pē
PIC-PrPiPsPIC-PrPSPμ P»C-PeCḡPIP°PSPSCḡ.

PḡPjPμPiCḡP°P·PsP», CḡPe C- C-PSC€C- PePēCḡP»PsC,Ps-C-PSPiC-P±CḡCḡC†C-
PiCḡPμPiP°CḡP°C,Pē, PjPsP¶Pμ P·PSPēP¶CḡPIP°C,Pē PiPsPiP»PēPSP°PSPSCḡ PIC-C,P°PjC-PSCḡ
P'12 (C†C-P°PSPsPePsP±P°P»P°PjC-PSCḡ) C†PμCḡPμP· PiC-PiPs- P°P±Ps
P°C...P»PsCḡPiC-PrCḡC-Cḡ. PiPμ PSPμPsP±C...C-PrPSPs PICḡP°C...PsPICḡPIP°C,Pē PiCḡPē
P»C-PeCḡPIP°PSPSC- PiP°C†C-C°PSC,C-PI C-P· PrPμC,,C-C†PēC,PsPj PIC-C,P°PjC-PSCḡ P'12
P°P±Ps P· CḡPēP·PēPePsPj P·PSPēP¶PμPSPSCḡ PiPsPiP»PēPSP°PSPSCḡ PIC-C,P°PjC-PSCḡ P'12
PiC-Pr C†P°Cḡ PrPsPIPiPsC,CḡPēPIP°P»PsC— C,PμCḡP°PiC-C—.

P—P°CḡC,PsCḡCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PiCḡPsC,PsPSPSPsC— PiPsPjPiPē,
PsCḡPsP±P»PēPIPs Cḡ PIPēCḡPsPePēC... PrPsP·P°C... C,P° CḡPiCḡPsPrPsPIP¶
C,CḡPēPIP°P»PsPiPs C†P°CḡCḡ (> 1 CḡPsPeCḡ), PjPsP¶Pμ PSPμP·PSP°C†PSPs
PiC-PrPIPēC%CḡPIP°C,Pē CḡPēP·PēPe PiPμCḡPμP»PsPjC-PI CḡC,PμPiPSP°, P·P°PiCḡCḡC,Cḡ
C,P° C...CḡPμP±C,P°, PI PsCḡPSPsPIPsPjCḡ Cḡ PiP°C†C-C°PSC,C-PI P»C-C,PSCHPsPiPs
PIC-PeCḡ P°P±Ps Cḡ CḡP°P·C- C-PSC€PēC... PSP°CḡPIPSPēC... C,,P°PeC,PsCḡC-PI
CḡPēP·PēPeCḡ. PḡPiPsCḡC,PμCḡPμP¶PSC- PrPsCḡP»C-PrP¶PμPSPSCḡ
PiCḡPēPiCḡCḡPeP°CḡC,CH, C%Ps P†PμPμ PjPsP¶CḡC,CH PiC-PrPIPēC%CḡPIP°C,Pē CḡPēP·PēPe
PiPμCḡPμP»PsPjC-PI P·P°PiP°P»PsPj PSP° 10Bḡ40 %. Pj PrPμCḡPePēC... PIPēPiP°PrPeP°C... C†Pμ
PiPsPiCḡP·P°PSPs P· PSP°CḡPIPSC-CḡC,Cḡ Cḡ PiP°C†C-C°PSC,P° C-PSC€PēC...
C,,P°PeC,PsCḡC-PI CḡPēP·PēPeCḡ. PμP°C†C-C°PSC,C-PI P· CḡPēP·PēPePsPj
PsCḡC,PμPsPiPsCḡPsP·Cḡ CḡP»C-Pr P·P°P±PμP·PiPμC†CḡPIP°C,Pē PSP°P»PμP¶PSPēPj
P»C-PeCḡPIP°PSPSCḡPj C,P° P°PrPμPePIP°C,PSPēPj PIP¶PēPIP°PSPSCḡPj PIC-C,P°PjC-PSCḡ D C-
PeP°P»CHC†C-Cḡ.

Pj PiP°C†C-C°PSC,C-PI, CḡPeC- PiCḡPēPNēPjP°CḡC,CH P†PμPμ, PIPeP»CḡC†P°CḡC†Pē
PsPjPμPiCḡP°P·PsP», CḡPiCḡPsPrPsPIP¶ C%PsPSP°PNēPjPμPSC€Pμ 3 PjC-CḡCḡC†C-PI PjPsP¶Pμ
PIPēPSPēPePSCḡC,Pē C,CḡP¶PeP° PiC-PiPsPjP°PiPSC-C°PjC-Cḡ (Cḡ P±C-P»CHC€PsCḡC,C-
PIPēPiP°PrPeC-PI PiC-PiPsPjP°PiPSC-C°PjC-C— PiP°C†C-C°PSC,Pē P·P°CḡC,PsCḡPsPICḡPIP°P»Pē

P»C-PeP°CḡCfCHPePëPNḡ P·P°CfC-P± PIPiCḡPsPrPsPIP¶ 1 CḡPsPeCf).
P°C-PiPsPjP°PiPSC-C°PjC-Cḡ PjPsP¶PSP° P·P°PiC-PrPsP·CḡPëC,Pë P·P° C,P°PePëPjPë
CfPµCḡPNḡPsP·PSPëPjPë PiCḡPsCḡPIP°PjPë CḡPe PIC,PsPjP»CḡPIP°PSC-CfC,CH, Pj'CḡP·PsPIC-
CfPiP°P·PjPë, CfCfPrPsPjPë, PrPµP»C-CḡC-PNḡ, P·P°PiP°PjPsCḡPsC±PµPSPSCḡ,
CëP»CfPSPsC±PePsPIP° P°CḡPëC,PjC-Cḡ. PhPrPSP°Pe CfP»C-Pr PjP°C,Pë PSP° CfPIP°P·C-,
CḡPs Cf PrPµCḡPePëC... PIPëPiP°PrPeP°C... PiCḡPsCḡPIPë PjPsP¶CfC,CH P±CfC,Pë
P·P°PjP°CfPePsPIP°PSC-, CḡPs PiPµCḡPµCëPePsPrP¶P°C° PIC±P°CfPSPsPjCf
CḡPsP·PiC-P·PSP°PIP°PSPSCḡ C,P°PePsPiPs CfCfPeP»P°PrPSPµPSPSCḡ. Pj
P±C-P»CHCëPsCfC,C- PiP°C†C-C°PSC,C-PI PiCḡPsCḡPIPë PiC-PiPsPjP°PiPSC-C°PjC-C—
P·PSPëPeP°CḡC,CH C- CfC,P°PS PSPsCḡPjP°P»C-P·CfC°C,CHCfCḡ PiC-CfP»Cḡ
P·P°CfC,PsCfCfPIP°PSPSCḡ PiCḡPµPiP°CḡP°C,C-PI PjP°PiPSC-Cḡ C,P° PIC-PrPjC-PSPë
C-PSPiC-P±C-C,PsCḡC-PI PiCḡPsC,PsPSPSPsC— PiPsPjPiPë.

Pj PiP°C†C-C°PSC,C-PI, CḡPeC- PiPsC,CḡPµP±CfCḡC,CH C,CḡPëPIP°P»PsPiPs
P·P°CfC,PsCfCfPIP°PSPSCḡ P†PµPµ C,P° CfCfPiCfC,PSCHPs P·P°CfC,PsCfPsPICfCḡC,CH
PrPëPiPsPeCfPëPS P°P±Ps C-PSCëC- P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pë, CḡPs
PjPsP¶CfC,CH CfPiCḡPëC±PëPSPëC,Pë PiC-PiPsPjP°PiPSC-C°PjC-Cḡ (PSP°PiCḡPëPeP»P°Pr
PrC-CfCḡPµC,PëPePë), CfP»C-Pr PiPµCḡPµPIC-CḡCḡC,Pë CḡC-PIPµPSCḡ PjP°PiPSC-Cḡ PrPs
PiPsC±P°C,PeCf P»C-PeCfPIP°PSPSCḡ C,P° PiPµCḡC-PsPrPëC±PSPs - PiC-Pr C±P°Cf
P»C-PeCfPIP°PSPSCḡ.

PµCḡPs C,CḡP¶PeC- CëPeC-CḡPSC- PiPsP±C-C±PSC- CḡPµP°PeC†C-C—, PIPeP»CḡC±P°CḡC±Pë
CfPëPSPrCḡPsPj PŸC,C-PIPµPSCfP°bḡP°P¶PsPSCfPsPSP° (SJS), C,PsPeCfPëC±PSPëPNḡ
PµPiC-PrPµCḡPjP°P»CHPSPëPNḡ PSPµPeCḡPsP»C-P· (TEN), PjPµPrPëPeP°PjPµPSC,PsP·PSCf
CḡPµP°PeC†C-Cḡ P· PµPsP·PëPSPsC,,C-P»C-C°Cḡ C- CfPëCfC,PµPjPSPëPjPë
CfPëPjPiC,PsPjP°PjPë (DRESS) C,P° PiPsCfC,CḡPëPNḡ PiPµPSPµCḡP°P»C-P·PsPIP°PSPëPNḡ
PµPeP·P°PSC,PµPjP°C,PsP·PSPëPNḡ PiCfCfC,CfP»CHPsP· (AGEP), CḡPeC- PjPsP¶CfC,CH
P±CfC,Pë P·P°PiCḡPsP·P»PëPIPëPjPë PrP»Cḡ P¶PëC,C,Cḡ P°P±Ps P»PµC,P°P»CHPSPëPjPë,
PiPsPIC-PrPsPjP»CḡP»Pë PrCfP¶Pµ CḡC-PrPePs C-, PIC-PrPiPsPIC-PrPSPs, CḡC-PrPePs Cf
P·Pi'CḡP·PeCf P· P·P°CfC,PsCfCfPIP°PSPSCḡPj PsPjPµPiCḡP°P·PsP»Cf.

P—P°CfC,PsCfCfPIP°PSPSCḡ P†PµPµ C-PSPsPrC- PjPsP¶Pµ P±CfC,Pë P°CfPsC†C-PNḡPsPIP°PSPs
P· PiPsCḡPIPSCḡ PiC-PrPiPsCfC,CḡPsPiPs CëPeC-CḡPSPsPiPs C±PµCḡPIPSPsPiPs
PIPSPIC±P°PeCf (PµPëPŸP'). PµCḡPë PiPsCḡPIC- CëPeC-CḡPSPëC... PiCḡPsCḡPIC-PI,
PsCfPsP±P»PëPIPs PSP° PrC-P»CḡPSPeP°C..., CḡPeC- PiC-PrPrP°PIP°P»PëCfCḡ PIPiP»PëPICf
CfPsPSCḡC±PSPsPiPs PIPëPiCḡPsPjC-PSCḡPIP°PSPSCḡ C,P°
CfCfPiCḡPsPIPSPrP¶CfCḡC,CHCfCḡ P°CḡC,CḡP°P»PiC-C°Cḡ, CfP»C-Pr PSPµPiP°PNḡPSPs
P·PIPµCḡPSCfC,PëCfCḡ PrPs P»C-PeP°CḡCḡ C,P° CḡPsP·PiP»CḡPSCfC,Pë
PjPsP¶P»PëPIC-CfC,CH PiCḡPëPiPëPSPµPSPSCḡ P·P°CfC,PsCfCfPIP°PSPSCḡ
PsPjPµPiCḡP°P·PsP»Cf. PkP°CḡPIPSC-CfC,CH PIPëPiP°PrPeC-PI PµPëPŸP' PI P°PSP°PjPSPµP·C-,
CḡPePëPNḡ CḡPsP·PIPëPIP°PICfCḡ PiC-CfP»Cḡ P·P°CfC,PsCfCfPIP°PSPSCḡ P†PµPµ, PjPsP¶Pµ
PiC-PrPIPëCḡCfPIP°C,Pë CḡPëP·PëPe PiPsCḡPIPë PiC-PrPiPsCfC,CḡPsPiPs PµPëPŸP' PiCḡPë
P·P°CfC,PsCfCfPIP°PSPSC- C-PSCëPëC... C-PSPiC-P±C-C,PsCḡC-PI PiCḡPsC,PsPSPSPsC—
PiPsPjPiPë.

Pj PrPµCḡPePëC... PIPëPiP°PrPeP°C... P»C-PeCfPIP°PSPSCḡ C...CḡPsPSC-C±PSPëC...
P·P°C...PIPSCḡPIP°PSCḡ Cf PrC-C,PµPNḡ PjPsP¶Pµ PiPsC,CḡPµP±CfPIP°C,Pë P±C-P»CHCë
C,CḡPëPIP°P»PsPiPs P·P°CfC,PsCfCfPIP°PSPSCḡ P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf,
C...PsC±P° C†Pµ PSPµ CḡPµPePsPjPµPSPrPsPIP°PSPs.

PµC-Pr C±P°Cf PrPsPiPiPsC,CḡPëPIP°P»PsC— C,PµCḡP°PiC-C—, P° PsCfPsP±P»PëPIPs Cf
PIPëPiP°PrPeP°C..., PePsP»Pë C,PµCḡPjC-PS P»C-PeCfPIP°PSPSCḡ PiPµCḡPµPIPëCḡCfC° 1

C_7H_5C-Pr , $PiP^{\circ}C \uparrow C-C''PSC, P\ddot{e} \ PiPsPIP\ddot{e}PSPSC- \ P \cdot PSP^{\circ}C...PsPrP\ddot{e}C, P\ddot{e}C \uparrow C \downarrow \ P\ddot{e}C-Pr$
 $C_7H_5P_{\mu}PiC \uparrow P \gg C \downarrow C_7H_5PSP\ddot{e}Pj \ PjP_{\mu}PrP\ddot{e}C \uparrow PSP\ddot{e}Pj \ PePsPSC, C_7H_5PsP \gg P_{\mu}Pj$.

$\text{P}\ddot{\text{P}}\text{eC}\%_0\text{Ps Cr P}\ddot{\text{P}}^{\circ}\text{C}\ddagger\text{C-C}^{\circ}\text{PSC,P}^{\circ}\text{PIC}\ddot{\text{C}}\text{C,P}^{\circ}\text{PSPsPIP}\gg\text{P}_{\mu}\text{PSP}^{\circ}\text{PSP}_{\mu}\text{P}\ddot{\text{P}}\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{PSPsC}\ddot{\text{I}}\text{P}\ddot{\text{P}}\text{PjC-C}\ddot{\text{I}}\text{C,CH}$
 $\text{PrP}_{\mu}\text{C}\ddot{\text{I}}\text{P}\text{eP}\ddot{\text{e}}\text{C... C}\ddagger\text{CrP}\text{eC}\ddot{\text{H}}\text{C-PI, C}\ddot{\text{I}}\text{P}\gg\text{C-Pr P}\ddot{\text{C}}\ddot{\text{H}}\text{PsPePsPSC}\ddot{\text{I}}\text{C}\ddot{\text{r}}\text{P}\gg\text{CHC,CrPIP}^{\circ}\text{C,P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{C}\ddot{\text{I}}\text{P}$
 $\text{P}\gg\text{C-PeP}^{\circ}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{Pj, P}\ddot{\text{P}}\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}\text{€ PSC-P}\P\text{ P}\ddot{\text{C}}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PN}_{\text{e}}\text{PjP}^{\circ}\text{C,P}\ddot{\text{e}}\text{C}\ddagger\text{P}_{\mu}\text{PN}_{\text{e}}\text{P}\gg\text{C-PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{CHPeP}\ddot{\text{e}}\text{PN}_{\text{e}}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{C-P}\pm.$

$\text{P}\mu\text{P}^{\circ}\text{C}\dagger\text{C}-\text{C}''\text{PSC},\text{P}^{\circ}\text{Pj P}\cdot\text{C},\text{P}^{\circ}\text{PeP}\ddot{\text{P}}\text{PjP}\ddot{\text{P}}\text{C}\ddot{\text{H}}\text{C}-\text{PrPeC}-\text{C}\ddot{\text{I}}\text{PSP}\ddot{\text{P}}\text{PjP}\ddot{\text{P}}\text{C}\ddot{\text{I}}\text{P}\ddot{\text{I}}\text{P}^{\circ}\text{PrPePsPIP}\ddot{\text{P}}\text{PjP}\ddot{\text{P}}\text{C}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\dots\text{PIP}\text{sC}\ddot{\text{H}}\text{C}\ddot{\text{H}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{PjP}\ddot{\text{P}}\text{C}\ddot{\text{I}}\text{P}\text{e PSP}\mu\text{P}\ddot{\text{I}}\text{P}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{PSP}\text{sC}\ddot{\text{I}}\text{P}\ddot{\text{P}}\text{PjC}-\text{C}\ddot{\text{I}}\text{C},\text{CH}$
 $\text{C},,\text{C}\ddot{\text{H}}\text{C}\ddot{\text{r}}\text{PeC},\text{PsP}\cdot\text{P}\ddot{\text{P}},\text{PjP}^{\circ}\text{P}\gg\text{CH}\text{P}^{\circ}\text{P}\pm\text{C}\ddot{\text{I}}\text{PsC}\ddot{\text{H}}\text{P}\pm\text{C}\dagger\text{C}-\text{C}\ddot{\text{I}}\text{PiP}\gg\text{CH}\text{PePsP}\cdot\text{P}\ddot{\text{P}}-\text{PiP}^{\circ}\text{P}\gg\text{P}^{\circ}\text{PeC},\text{PsP}\cdot\text{P}\ddot{\text{P}}$
 $\text{P}^{\circ}\text{P}\pm\text{Ps PSP}\mu\text{PrPsC}\ddot{\text{I}}\text{C},\text{P}^{\circ}\text{C},\text{PSC}-\text{C}\ddot{\text{I}}\text{C},\text{CH C}\ddot{\text{I}}\text{P}^{\circ}\text{C}\dots\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{P}\ddot{\text{P}}-\text{C}-\text{P}\cdot\text{PsPjP}^{\circ}\text{P}\gg\text{CH}\text{C},\text{P}^{\circ}\text{P}\cdot\text{P}\ddot{\text{P}}\text{PSP}\mu$
 $\text{C}\ddot{\text{I}}\text{P}^{\circ}\text{C}-\text{C}-\text{Pr PiC}\ddot{\text{H}}\text{P}\ddot{\text{P}}\text{PN}\text{PjP}^{\circ}\text{C},\text{P}\ddot{\text{P}}\text{C}\dagger\text{P}\mu\text{PN}\text{C}\text{P}\cdot\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{C}-\text{P}\pm.$

$P_1P_2PN_2$ $P \gg C-PeP^\circ C\bar{H}C\bar{I}C\bar{H}PeP\bar{e}PN_2$ $P \cdot P^\circ C\bar{I}C-P \pm P_jC-C\bar{I}C, P\bar{e}C, C\bar{H}$ $P_jP_2PSC\bar{e}P_2$ 1 $P_jP_jPsP \gg C\bar{H}$ (23) P_jPi)/ $PrPsP \cdot C\bar{r}$ $PSP^\circ C, C\bar{H}C-C\bar{H}$, $C, PsP \pm C, Ps$ $PiC\bar{H}P^\circ PeC, P\bar{e}C \mp PSPs$ $PIC-P \gg C\bar{H}PSP\bar{e}PN_2$ $PIC-Pr$ $PSP^\circ C, C\bar{H}C-C\bar{H}$.

P—P°CfC,PsCfCfPIP°PSPSCf C f P f P f C f C—PsPr PIP°PiC—C,PSPsCfC,C—P°P±Ps
PiPsPrCfPIP°PSPSCf PiCfCfPrPrCf.

$P^{\circ}P^{\circ}PiC-C, PSC-Cl^{\circ}C, CH.$ $P \ P_{\mu}P \cdot CrP \gg CHC, P^{\circ}C, P\ddot{e} \ C, C\bar{H}CHPsC \dots$ $PiC\bar{H}PsCl^{\circ}PiP_{\mu}PeC, P\ddot{e}PIPSP\ddot{e}C \dots$
 $P_{\mu}PiC-PrP_{\mu}PjC-PsP \gg PsPiC-C\ddagger PSP\ddot{e}C \dots$ $PrPsCl^{\circ}P \gg C-PrP\lceil P_{\mu}PSCH (P\pm C-P \gg CHC\epsilon P_{\mu} \ 1000$
 $PIP^{\circ}PiC-C, PSP\ddot{e}C \dots P\lceil C-PSPsPe, PiPsP \gg PsPiP\ddot{e} \ C\lceil PeP\ddot{e}C \dots$ $PiC\bar{H}PsPN_{\circ}C\epsilon P \gg P\ddot{e} \ CrCl^{\circ}PiC-C\epsilon PSPs)$
 $PSP_{\mu} \ PIP\ddot{e}C\lceil PIP\ddot{e}P \gg P\ddot{e} \ PSP_{\mu}PiP^{\circ}C, P\ddot{e}PIPSPsC-PrC-C- \ PsPjP_{\mu}PiC\bar{H}P^{\circ}P \cdot PsP \gg Cr \ PSP^{\circ}$
 $PiP_{\mu}C\bar{H}P_{\mu}P\pm C-Pi \ PIP^{\circ}PiC-C, PSPsCl^{\circ}C, C- \ C, P^{\circ}/P^{\circ}P\pm Ps \ PSP^{\circ} \ P \cdot PrPsC\bar{H}PsPi^{\circ}C\lceil$
 $PiP \gg PsPrP^{\circ}/PSPsPIPsPSP^{\circ}C\bar{H}PsPrP\lceil P_{\mu}PSPsC-PrP\ddot{e}C, P\ddot{e}PSP\ddot{e}. \ P \gg C-PeP^{\circ}C\bar{H}Cl^{\circ}CHPeP\ddot{e}PN_{\circ}$
 $P \cdot P^{\circ}Cl^{\circ}C-P\pm \ PjPsP\lceil PSP^{\circ} \ P \cdot P^{\circ}Cl^{\circ}C, PsCl^{\circ}PsPICrPIP^{\circ}C, P\ddot{e} \ Cr \ PiP_{\mu}C\bar{H}C-PsPr \ PIP^{\circ}PiC-C, PSPsCl^{\circ}C, C-.$

$P''PsPrCzPIP^{\circ}PSPSC\uparrow PiC\overline{H}CzPrPrC\overline{H}$. $P\hbar PjP\mu\overline{Pi}C\overline{H}P^{\circ}P\cdot PsP\rangle\overline{Pi}C\overline{H}PsPSP\ddot{P}eP^{\circ}C''$ $C\acute{r}PiC\overline{H}C\acute{r}PrPSP\mu$
 $PjPsP\rangle PsPePs$, $P^{\circ}P\rangle P\mu P\mathbb{N}_2PsPiPs$ $PI\overline{Pi}P\rangle P\ddot{e}PI$ $PSP^{\circ}PsC\overline{H}PiP^{\circ}PSC-P\cdot Pj$ $PSP\mu PjPsPIP\rangle C\uparrow C$, $P\ddot{e}\overline{Pi}C\overline{H}P\ddot{e}$
 $P\cdot P^{\circ}C\acute{r}C$, $PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC-$ $C\acute{r}C$, $P\mu C\overline{H}P^{\circ}\overline{Pi}P\mu PIC$, $P\ddot{e}C\ddagger PSP\ddot{e}C\dots$ $PrPsP\cdot P^{\circ}C\dots C''$
 $PjP^{\circ}P\rangle PsP\mathbb{N}_2PjPsPIC-C\overline{H}PSP\ddot{e}Pj$.

P P_μPiC_HPsPrCrPeC,PēPIPSP° C,,CrPSPeC†C-CΠ. P_μP_μC_HPsC_HP°P»CHBPSP_μ
P·P°C†C,P_sC†CrPIP°PSPSCΠ C_HP°C†P_μPjC-C‡PSPsC— C†CrPjC-C€C- PsPjP_μPiC_HP°P·PsP»Cr Cr
PrPsC†P»C-PrP¶P_μPSPSCΠC... PSP° C,PIP°C_HPēPSP°C... PSP_μ PIPiP»PēPIP°P»Ps PSP°
C_HP_μPiC_HPsPrCrPeC,PēPIPSCr C,,CrPSPeC†C-C_H.

$P-PrP^{\circ}C, PSC-CfC, CH_3 PIPiP \gg P\ddot{e}PIP^{\circ}C, P\ddot{e} PSP^{\circ} C \notin PIP\ddot{e}PrPeC-CfC, CH_3 C\ddot{H}P_{\mu}P^{\circ}PeC \dagger C-C- P\ddot{e}C\ddot{H}P\ddot{e}$
 $PeP_{\mu}C\ddot{H}CfPIP^{\circ}PSPSC- P^{\circ}PIC, PsC, C\ddot{H}P^{\circ}PSCf\ddot{P}iPsC\ddot{H}C, PsPj P^{\circ}P \pm Ps C-PSC \notin P\ddot{e}PjP\ddot{e}$
 $PjP_{\mu}C...P^{\circ}PSC-P \cdot PjP^{\circ}PjP\ddot{e}.$

РнР°Р»РѕР№РјРѕРІС-СђРѕРѕ, С%Рѕ Р»С-РєР°Р°СђСђСђРєРєРєР№ Р°Р°СђС-Р± РІРІР»РєРІР°С”
РѕР° Р°Р°Р°С,РѕС-СђС,Сђ РєРµРµСђСђРІР°С,Рє С,СђР°РѕСђРІРѕСђС,РѕРєРјРє Р°Р°СђРѕР±Р°РјРє
Р°Р±Рѕ РІСђР°Р°СђСђРІР°С,Рє Р° РјРµС...Р°РѕС-Р°РјР°РјРє. РнРѕРѕСђСђС,Сђ
СђРІРѕСђСђС,РµСђС-РІР°С,РєСђС С,Р°РєС- РѕРµР±Р°Р°Р°С- СђРµР°Р°СђС-С- РѕР°
Р°Р°СђС,РѕСђСђРІР°РѕРѕСђ РІСђРµРµРІР°Р°СђС,Сђ СђРє Р°Р°РІР°РјРѕСђСРµРµРѕРѕСђС С-
РІРѕСђСђСђСђРµРµРѕРѕСђС Р°РѕСђСђ. РІРєС%Рѕ С,Р°РєС- СђРѕР°Р»Р»Р»Р»

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CÍC,P°PSPsPIPeC,CH 20 PjPi PsPjPμPiCĤP°P·PsP»CÍ 1
CĤP°P·/PrPsP±CÍ. PJ P±C-P»CHC€PsCÍC,C- PiP°C†C-C”PSC,C-PI PIPeCĤP°P·PeP° C€P»CÍPSPeP°
P·P°PiPsCĤC”C,CHCÍCÍ PiCĤPsC,CÍPiPsPj 4 C,PëP¶PSC-PI. PJ PiP°C†C-C”PSC,C-PI, CÍPeC-
PSPμ PiPsPIPSC-CÍC,CĤ PIPëP»C-PeCÍPIP°P»PëCÍCÍ PiC-CÍP»CÍ PiPsC‡P°C,PePsPIPsPiPs
PeCÍCĤCÍCÍ, P·P°PiPsC”PSPSCÍ P·P°P·PIPëC‡P°PN₂ PSP°CÍC,P°C” PiCĤPsC,CÍPiPsPj
PrPsPrP°C,PePsPIPsPiPs 4-C,PëP¶PSPμPIPsPiPs PiPμCĤC-PsPrCÍ P»C-PeCÍPIP°PSPSCÍ. PJ
PiP°C†C-C”PSC,C-PI P· PiPsPiP°PSPsCĤ PIC-PrPiPsPIC-PrPrCĤ P·P°C...PIPsCĤCĤPIP°PSPSCÍ
PSP° C,PμCĤP°PiC-CĤ CĤPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CÍC,P°PSPsPIPeC,CH 40 PjPi

PsPjPμPīCḡP°P·PsP»Cř PSP° PrPsP±Cř, C- P·P°PiPsC"PSPSCḡ P·P°P·PIPëC‡P°PNë
PrPsCřCḡPiP°C"C,CHCřCḡ PiCḡPsC,CḡPiPsPj 8 C,PëPḡPSC-PI.

*PμCḡPsC,,C-P»P°PeC,PëPeP° CḡPμC‡PëPrPëPICž PrPsP±CḡPsCḡPeC-CřPSPëC... PIPëCḡP°P·PsPe
CëP»CžPSPëP°*

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° PrP»Cḡ PiCḡPsC,,C-P»P°PeC,PëPePë CḡPμC‡PëPrPëPICř
Cř PīP°C‡C-C"PSC,C-PI P· PīPsPīP°PSPsCḡ PIC-PrPīPsPIC-PrPrCḡ PIPëCḡP°P·PePë
CëP»CřPSPëP° PSP° C,PμCḡP°PīC-Cḡ CřC,P°PSPsPIPëC,CH 20 PjPi PsPjPμPīCḡP°P·PsP»Cř 1
CḡP°P·/PrPsP±Cř. PμCḡPë PSPμPsP±C...C-PrPSPsCřC,C- PrPsP·Cř PjPsPḡPSP°
P·P±C-P»CHCëPëC,Pë PrPs 40 PjPi 1 CḡP°P·/PrPsP±Cř.

P·CḡP°PrPëPeP°C‡C-Cḡ H. pylori PīCḡPë PīPμPīC,PëC‡PSC-PNë PIPëCḡP°P·C‡C-

P"P»Cḡ PμCḡP°PrPëPeP°C‡C-C— H. Cḡylori PīCḡPë PIPëP±PsCḡC-
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPëC... P»C-PeP°CḡCřCHPePëC... P·P°CřPsP±C-PI
CřP»C-Pr PICḡP°C...PsPICřPIP°C,Pë C-PSPPrPëPIC-PrCřP°P»CHPSCř
PīPμCḡPμPSPsCřPëPjC-CřC,CH P»C-PeP°CḡCřCHPePsPīPs P·P°CřPsP±Cř C,P°
PrPsC,CḡPëPjCřPIP°C,PëCřCḡ PSP°C‡C-PsPSP°P»CHPSPëC..., CḡPμPīC-PsPSP°P»CHPSPëC... C-
PjC-CřC‡PμPIPëC... PsCřPsP±P»PëPIPsCřC,PμPNë C,P° PSP°CřC,P°PSPsPI C%PsPrPs
P»C-PeCřPIP°PSPSCḡ.

- PhPjPμPīCḡP°P·PsP»Cř 20 PjPi PeP»P°CḡPëC,CḡPsPjC-C‡PëPSCř 500 PjPi
P°PjPsPeCřPëC‡PëP»C-PSCř 1000 PjPi 2 CḡP°P·Pë/PrPsP±Cř PīCḡPsC,CḡPiPsPj 1 C,PëPḡPSCḡ,
P°P±Ps

- PhPjPμPīCḡP°P·PsP»Cř 20 PjPi PeP»P°CḡPëC,CḡPsPjC-C‡PëPSCř 250 PjPi (PīCḡPë
PSPμPsP±C...C-PrPSPsCřC,C- 500 PjPi) PjPμC,CḡPsPSC-PrP°P·PsP»Cř 400 PjPi (PīCḡPë
PSPμPsP±C...C-PrPSPsCřC,C- 500 PjPi, P°P±Ps C,PëPSC-PrP°P·PsP»Cř 500 PjPi) 2
CḡP°P·Pë/PrPsP±Cř PīCḡPsC,CḡPiPsPj 1 C,PëPḡPSCḡ, P°P±Ps

- PhPjPμPīCḡP°P·PsP»Cř 40 PjPi 1 CḡP°P·/PrPsP±Cř P°PjPsPeCřPëC‡PëP»C-PSCř 500 PjPi
PjPμC,CḡPsPSC-PrP°P·PsP»Cř 400 PjPi (PīCḡPë PSPμPsP±C...C-PrPSPsCřC,C- 500 PjPi P°P±Ps
C,PëPSC-PrP°P·PsP»Cř 500 PjPi) 3 CḡP°P·Pë/PrPsP±Cř PīCḡPsC,CḡPiPsPj 1 C,PëPḡPSCḡ.

PμCḡPë PePsPḡPSC-PNë CřC...PμPjC-, CḡPeC%Ps PīP°C‡C-C"PSC, CřCřPμ C%Pμ H.pylori-
PīPsP·PëC,PëPIPsPëPNë, C,PμCḡP°PīC-Cḡ PjPsPḡPSP° PīPsPIC,PsCḡPëC,Pë.

*P»C-PeCžPIP°PSPSCḡ PkPμP—P—P°CřPsC‡C-PNëPsPIP°PSPëC... PIPëCḡP°P·PsPe CëP»CžPSPëP°
C- PrPIP°PSP°PrC‡CḡC,PëPīP°P»PsC— PePëCëPePë*

P"P»Cḡ P»C-PeCřPIP°PSPSCḡ PIPëCḡP°P·PsPe CëP»CřPSPëP° C,P°
PrPIP°PSP°PrC‡CḡC,PëPīP°P»PsC— PePëCëPePë, PīPsPI'CḡP·P°PSPëC... C-P·
P·P°CřC,PsCřCřPIP°PSPSCḡPj PkPμP—P—, CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P°
CřC,P°PSPsPIPëC,CH 20 PjPi PsPjPμPīCḡP°P·PsP»Cř 1 CḡP°P·/PrPsP±Cř. Pj
P±C-P»CHCëPsCřC,C- PīP°C‡C-C"PSC,C-PI PIPëCḡP°P·PeP° P·P°PiPsCḡC"C,CHCřCḡ
PIPīCḡPsPrPsPIPḡ 4 C,PëPḡPSC-PI. Pj PīP°C‡C-C"PSC,C-PI, CḡPeC- PSPμ PīPsPIPsC-CřC,Cḡ
PIPëP»C-PeCřPIP°P»PëCřCḡ PīC-CřP»Cḡ PīPsC‡P°C,PePsPIPsPīPs PeCřCḡCřC,
P·P°PiPsC"PSPSCḡ P·P°P·PIPëC‡P°PNë PSP°CřC,P°C" PīCḡPsC,CḡPiPsPj PrPsPrP°C,PePsPIPsPīPs
4-C,PëPḡPSPμPIPsPīPs PīPμCḡC-PsPrCř P»C-PeCřPIP°PSPSCḡ.

*PμCḡPsC,,C-P»P°PeC,PëPeP° PkPμP—P—P°CřPsC‡C-PNëPsPIP°PSPëC... PIPëCḡP°P·PsPe
CëP»CžPSPëP° C- PrPIP°PSP°PrC‡CḡC,PëPīP°P»PsC— PePëCëPePë Cž PīP°C‡C-C"PSC,C-PI,*

СІІРсС- РSP°Р»РμР¶Р°С,СН РrPs PιCґCзPіPё CґPёP·PёPсCз

P°P»CІ PιCґPsC,,C-P»P°PсC,PёPсPё PIPёCґP°P·PsPс CєP»CрPSPсP° C-
PрPIP°PSP°PрC†CІC,PёPіP°P»PsC— PсPёCєPсPё, P°CґPsC†C-PNсPsPIP°PSPёC... C-P·
PιCґPёPNсPsPjPsPj PќPұP—P—, Cр PіP°C†C-C°PSC,C-PI, CІPсC- PSP°P»PμP¶P°С,СН РrPs
PιCґCрPіPё CґPёP·PёPсCр (PIC-Pс PіPsPSP°Pр 60 CґPsPсC-PI, PIPёCґP°P·PсP° CєP»CрPSPсP° C-
PрPIP°PSP°PрC†CІC,PёPіP°P»PsC— PсPёCєPсPё Pι P°PSP°PjPSPμP·C-, PсCґPsPIPсC,PμC‡P° P·
PIPμCґC...PSC-C... PIC-PрPрC-P»C-PI CєP»CрPSPсPsPIPс-PсPёCєPсPsPIPсPiPs C,CґP°PсC,Cр Pι
P°PSP°PjPSPμP·C-), CґPμPсPsPjPμPSPрPsPIP°PSP° PрPsP·P° CґC,P°PSPсPIPёC,СН 20 PjPi
PsPjPμPιCґP°P·PsP»Cр 1 CґP°P·/PрPsP±Cр.

P>C-PсCзPIP°PSPSCІ CґPμC,,P»CґPсCґ-PμP·PsC,,P°PιC-C,Cз

P PμPсPsPjPμPSPрPsPIP°PSP° PрPsP·P° CґC,P°PSPсPIPёC,СН 20 PjPi PsPjPμPιCґP°P·PsP»Cр 1
CґP°P·/PрPsP±Cр. Pj P±C-P»CґCєPsCґC,C- PіP°C†C-C°PSC,C-PI PsPрCрP¶P°PSPSCІ
PSP°CґC,P°C° PιCґPsC,CІPiPsPj 4 C,PёP¶PSC-PI. PұP°C†C-C°PSC,P°Pj, Cр CІPсPёC... PSPμ
PSP°CґC,P°C° PіPsPIPSPμ PsPрCрP¶P°PSPSCІ PιC-CґP»CІ PіPsC‡P°C,PсPsPIPсPiPs
PсCрCґCґCр, CґPμPсPsPjPμPSPрPsPIP°PSPс PіPsPрP°P»CґCєPμ P»C-PсCрPIP°PSPSCІ
PιCґPsC,CІPiPsPj 4 C,PёP¶PSC-PI. P°P»CІ PіP°C†C-C°PSC,C-PI C-P· C,CІP¶PсPёPj
PμP·PsC,,P°PιC-C,PсPj CґPμPсPsPjPμPSPрCрC°C,CґCґCІCІ 40 PjPi PsPjPμPιCґP°P·PsP»Cр PSP°
PрPsP±Cр, PιCґPё C†CґPsPjCр PsPрCрP¶P°PSPSCІ P·P°P·PIPёC‡P°PNс
PрPsCґCІPiP°C°C,CґCґCІCІ PιCґPsC,CІPiPsPj 8 C,PёP¶PSC-PI.

P°PsPIPіPsC,CґPёPIP°P»P° PιC-PрC,CґPёPjCзPIP°P»CґPSP° C,PμCґP°PιC-CІ
PіP°C†C-C°PSC,C-PI C-P· P°P·P Pґ

P°P»CІ PрPsPIPіPsC,CґPёPIP°P»PsPiPs P»C-PсCрPIP°PSPSCІ PіP°C†C-C°PSC,C-PI C-P·
PіP°CґC,CґPsPμP·PsC,,P°PiPμP°P»CґPSPсCґ CґPμC,,P»CґPсCґPSPсCґ C...PIPсCґPsP±PsCґ
CґPμPсPsPjPμPSPрPsPIP°PSP° PрPsP·P° CґC,P°PSPсPIPёC,СН 10 PjPi* PsPjPμPιCґP°P·PsP»Cр 1
CґP°P·/PрPsP±Cр. PұCґPё PSPμPsP±C...C-PрPSPсCґC,C- PрPsP·Cр PjPsP¶PSP°
PιC-PрPIPёC%PёC,Pё PрPs 20вґ”40 PjPi PsPjPμPιCґP°P·PsP»Cр 1 CґP°P·/PрPsP±Cр.

P>C-PсCзPIP°PSPSCІ CґPёPjPιC,PsPjC-PI P°P·P Pґ

PұCґPё P»C-PсCрPIP°PSPSC- CґPёPjPιC,PsPjC-PI P°P·P Pґ CґPμPсPsPjPμPSPрPsPIP°PSP°
PрPsP·P° CґC,P°PSPсPIPёC,СН 20 PjPi PsPjPμPιCґP°P·PsP»Cр 1 CґP°P·/PрPsP±Cр.
PұP°C†C-C°PSC,Cр PjPsP¶Pμ P±CрC,Pё PрPsCґC,P°C,PSCHPsCґ PрPsP·P° 10 PjPi*, PрPsP·Cр
CґP»C-Pр PсPsCґPёPιCрPIP°C,Pё Pι C-PSPрPёPIC-PрCрP°P»CґPSPсPjCр PіPsCґCІPрPсCр.
PіPсC%Ps PSPμ PрPsCґCІPiP°C°C,CґCґCІCІ P±P°P¶P°PSPёPNс CґPμP·CрP»CґC,P°C,
PιC-CґP»CІ 4 C,PёP¶PSC-PI P»C-PсCрPIP°PSPSCІ PsPjPμPιCґP°P·PsP»PsPj Cр PрPsP·C- 20 PjPi
PSP° PрPsP±Cр, PіP°C†C-C°PSC,P° CґP»C-Pр PрPsPрP°C,PсPsPIPс PsP±CґC,PμP¶PёC,Pё.

P>C-PсCзPIP°PSPSCІ CґPёPSPрCґPsPjCз P—PsP»P»C-PSPiPμCґP°вґ”P·P»P»C-CґPsPSP°

P°P»CІ PіP°C†C-C°PSC,C-PI C-P· CґPёPSPрCґPsPjPsPj
P—PsP»P»C-PSPiPμCґP°вґ”P·P»P»C-CґPsPSP° PιC-PрP±C-Cґ PрPsP·Pё CґP»C-Pр
PιCґPsPIPсPрPёC,Pё C-PSPрPёPIC-PрCрP°P»CґPSPс. P>C-PсCрPIP°PSPSCІ C,CґPёPIP°C° PрPs
P·PSPёPсPSPμPSPSCІ PсP»C-PSC-C‡PSPёC... PιCґPsCІPIC-PI C...PIPсCґPsP±Pё.
P PμPсPsPjPμPSPрPsPIP°PSP° PіPsC‡P°C,PсPsPIP° PрPsP·P° CґC,P°PSPсPIPёC,СН 60 PjPi
PsPjPμPιCґP°P·PsP»Cр 1 CґP°P·/PрPsP±Cр. PҮPіPsCґC,PμCґPμP¶PμPSPSCІ P·P° PіPsPSP°Pр
B 90 % PіP°C†C-C°PSC,C-PI P· C,CІP¶PсPёPjPё P·P°C...PIPсCґCґPIP°PSPSCІPjPё C,P°
PSPμPрPsCґC,P°C,PSCHPsCґ CґPμP°PсC†C-C°Cґ PSP° C-PSCєC- PIPёPрPё

$P \gg C - PeCfPIP^{\circ}PSPSC \sqcup PIP\ddot{e}C \sqcup PIP\ddot{e}P \gg Ps \ P_{\mu}C,,P_{\mu}PeC,,P\ddot{e}PIPSC - C\acute{I}C,CH$
 $P\ddot{I}C - PrC, C\grave{H}P\ddot{e}PjC\acute{r}C\grave{H}C\ddot{+}PsC - C, P_{\mu}C\grave{H}P^{\circ}P\ddot{I}C - C - C\acute{r} \ PrPsP \cdot P^{\circ}C... \ 20B\grave{H} "120 \ PjPi \ PSP^{\circ} \ PrPsP \pm C\acute{r}.$
 $P''PsP \pm PsPIC\acute{r} \ PrPsP \cdot C\acute{r} \ PIP\ddot{e}C\%_{\circ}P_{\mu} \ 80 \ PjPi \ C\acute{I}P \gg C - Pr \ C\grave{H}PsP \cdot P\ddot{I}PsPrC - P \gg P\ddot{e}C, P\ddot{e} \ C, P^{\circ}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C, P\ddot{e} \ P \cdot P^{\circ} \ 2 \ P\ddot{I}C\grave{H}P\ddot{e}PN_{\circ}PsPjP\ddot{e}.$

$P''PsP \cdot C\acute{r}PIP^{\circ}PSPSC \sqcup PrP \gg C \sqcup PrC - C, P_{\mu}PN_{\circ}$

$P''C - C, P\ddot{e} \ PIC - PePsPj \ PIC - Pr \ 1 \ C\grave{H}PsPeC\acute{e} \ C, P^{\circ} \ PjP^{\circ}C\acute{I}PsC\grave{H} \ C, C - P \gg P^{\circ} \geq 10 \ PePi$

$P \gg C - PeC\acute{e}PIP^{\circ}PSPSC \sqcup C\grave{H}P_{\mu}C,,P \gg C\grave{H}PeC\acute{I} - P_{\mu}P \cdot PsC,,P^{\circ}P\ddot{I}C - C, C\acute{e}$

$P\ddot{Y}P\ddot{e}PjP\ddot{I}C, PsPjP^{\circ}C, P\ddot{e}C\ddot{+}PSP_{\mu} \ P \gg C - PeC\acute{e}PIP^{\circ}PSPSC \sqcup P\ddot{I}P_{\mu}C\ddot{+}C - C - C, P^{\circ} \ PeP\ddot{e}C\acute{I}P \gg PsC, PSPsC -$
 $C\grave{H}P_{\mu}P\ddot{I}C\acute{e}C\grave{H}P\ddot{I}C - C, P^{\circ}C\ddot{+}C - C - P\ddot{I}C\grave{H}P\ddot{e} \ P''P \cdot P \ PI'$

$P \ P_{\mu}PePsPjP_{\mu}PSPPrP^{\circ}C\ddot{+}C - C - P \cdot \ PrPsP \cdot C\acute{r}PIP^{\circ}PSPSC \sqcup:$

$P' C - Pe$	$P_{\mu}P^{\circ}C\acute{I}P^{\circ}$ $C, C - P \gg P^{\circ}$	$P''PsP \cdot C\acute{r}PIP^{\circ}PSPSC \sqcup$
≥ 1 $C\grave{H}PsPeC\acute{r}$	$10B\grave{H} "20$ $PePi$	$10 \ PjPi * 1 \ C\grave{H}P^{\circ}P / PrPsP \pm C\acute{r}.$ $P_{\mu}C\grave{H}P\ddot{e} \ PSP_{\mu}PsP \pm C...C - PrPSPsC\acute{I}C, C - PrPsP \cdot C\acute{r} \ PjPsP \ P \ PSP^{\circ}$ $P\ddot{I}C - PrPIP\ddot{e}C\%_{\circ}P\ddot{e}C, P\ddot{e} \ PrPs \ 20 \ PjPi \ 1 \ C\grave{H}P^{\circ}P / PrPsP \pm C\acute{r}.$
≥ 2 $C\grave{H}PsPeC - PI$	$> 20 \ PePi$	$20 \ PjPi \ 1 \ C\grave{H}P^{\circ}P / PrPsP \pm C\acute{r}.$ $P_{\mu}C\grave{H}P\ddot{e} \ PSP_{\mu}PsP \pm C...C - PrPSPsC\acute{I}C, C - PrPsP \cdot C\acute{r} \ PjPsP \ P \ PSP^{\circ}$ $P\ddot{I}C - PrPIP\ddot{e}C\%_{\circ}P\ddot{e}C, P\ddot{e} \ PrPs \ 40 \ PjPi \ 1 \ C\grave{H}P^{\circ}P / PrPsP \pm C\acute{r}.$

$P \gg C - PeC\acute{e}PIP^{\circ}PSPSC \sqcup C\grave{H}P_{\mu}C,,P \gg C\grave{H}PeC\acute{I} - P_{\mu}P \cdot PsC,,P^{\circ}P\ddot{I}C - C, C\acute{e}:$ $C, C\grave{H}P\ddot{e}PIP^{\circ}P \gg C - C\acute{I}C, CH$
 $P \gg C - PeC\acute{r}PIP^{\circ}PSPSC \sqcup C\acute{I}C, P^{\circ}PSPsPIP\ddot{e}C, CH \ 4B\grave{H} "8 \ C, P\ddot{e}P \ P \ PSC - PI.$

$P\ddot{Y}P\ddot{e}PjP\ddot{I}C, PsPjP^{\circ}C, P\ddot{e}C\ddot{+}PSP_{\mu} \ P \gg C - PeC\acute{e}PIP^{\circ}PSPSC \sqcup P\ddot{I}P_{\mu}C\ddot{+}C - C - C, P^{\circ} \ PeP\ddot{e}C\acute{I}P \gg PsC, PSPsC -$
 $C\grave{H}P_{\mu}P\ddot{I}C\acute{e}C\grave{H}P\ddot{I}C - C, P^{\circ}C\ddot{+}C - C - P\ddot{I}C\grave{H}P\ddot{e} \ P''P \cdot P \ PI':$ $C, C\grave{H}P\ddot{e}PIP^{\circ}P \gg C - C\acute{I}C, CH \ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC \sqcup$
 $C\acute{I}C, P^{\circ}PSPsPIP\ddot{e}C, CH \ 2B\grave{H} "4 \ C, P\ddot{e}P \ P \ PSC - . \ P\ddot{I}PeC\%_{\circ}Ps \ PSP_{\mu} \ PrPsC\acute{I}C \ P\ddot{I}P^{\circ}C "C, CHC\acute{I}C \sqcup$
 $P \pm P^{\circ}P \ P \ P \ P \ P\ddot{e}PN_{\circ} \ C\grave{H}P_{\mu}P \cdot C\acute{r}P \gg CHC, P^{\circ}C, \ P\ddot{I}C - C\acute{I}P \gg C \sqcup \ 2B\grave{H} "4 \ C, P\ddot{e}P \ P \ PSC - PI, \ P\ddot{I}P^{\circ}C\ddot{+}C - C "PSC, P^{\circ}$
 $C\acute{I}P \gg C - Pr \ PrPsPrP^{\circ}C, PePsPIPs \ PsP \pm C\acute{I}C, P_{\mu}P \ P \ P\ddot{e}C, P\ddot{e}.$

$P''C - C, P\ddot{e} \ PIC - PePsPj \ PIC - Pr \ 4 \ C\grave{H}PsPeC - PI$

$P \gg C - PeC\acute{e}PIP^{\circ}PSPSC \sqcup PIP\ddot{e}C\grave{H}P^{\circ}P \cdot PeP\ddot{e} \ PrPIP^{\circ}PSP^{\circ}PrC\ddot{+}C \sqcup IC, P\ddot{e}P\ddot{I}P^{\circ}P \gg PsC - PeP\ddot{e}C\epsilon PeP\ddot{e},$
 $C\acute{I}P\ddot{I}C\grave{H}P\ddot{e}C\ddot{+}P\ddot{e}PSP_{\mu}PSPsC - H. \ C\grave{H}ylori$

$P'P\ddot{e}P \pm C - C\grave{H} \ PIC - PrP\ddot{I}PsPIC - PrPSPsC - PePsPjP \pm C - PSPsPIP^{\circ}PSPsC - C, P_{\mu}C\grave{H}P^{\circ}P\ddot{I}C - C -$
 $P\ddot{I}PsPIP\ddot{e}PSP_{\mu}PS \ P\ddot{I}C\grave{H}PsC...PsPrP\ddot{e}C, P\ddot{e} \ PIC - PrP\ddot{I}PsPIC - PrPSPs \ PrPs \ PsC,,C - C\ddot{+}C - PN_{\circ}PSP\ddot{e}C...$
 $PSP^{\circ}C\ddot{+}C - PsPSP^{\circ}P \gg CH\ddot{+}PSP\ddot{e}C..., \ C\grave{H}P_{\mu}P\ddot{I}C - PsPSP^{\circ}P \gg CH\ddot{+}PSP\ddot{e}C... \ C, P^{\circ} \ PjC - C\acute{I}C\ddot{+}P_{\mu}PIP\ddot{e}C...$
 $PsC\acute{I}PsP \pm P \gg P\ddot{e}PIPsC\acute{I}C, P_{\mu}PN_{\circ} \ P \pm P^{\circ}PeC, P_{\mu}C\grave{H}C - P^{\circ}P \gg CH\ddot{+}PSPsC -$
 $C\grave{H}P_{\mu}P \cdot P\ddot{e}C\acute{I}C, P_{\mu}PSC, PSPsC\acute{I}C, C - . \ P\ddot{Y}P^{\circ}PePsP \ P \ C\acute{I}P \gg C - Pr \ PIC\grave{H}P^{\circ}C...PsPIC\acute{r}PIP^{\circ}C, P\ddot{e}$
 $C, C\grave{H}P\ddot{e}PIP^{\circ}P \gg C - C\acute{I}C, CH \ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC \sqcup (PIC - Pr \ 7 \ PrPs \ 14 \ PrPSC - PI) \ C, P^{\circ}$
 $PIC - PrP\ddot{I}PsPIC - PrPSP_{\mu} \ P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC \sqcup \ P^{\circ}PSC, P\ddot{e}P \pm P^{\circ}PeC, P_{\mu}C\grave{H}C - P^{\circ}P \gg CH\ddot{+}PSP\ddot{e}C...$
 $P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C - PI. \ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC \sqcup \ C\acute{I}P \gg C - Pr \ P\ddot{I}C\grave{H}PsPIPsPrP\ddot{e}C, P\ddot{e} \ P\ddot{I}C - Pr$
 $PSP^{\circ}P\ddot{I}P \gg C \sqcup PrPsPj \ P \gg C - PeP^{\circ}C\grave{H}C \sqcup.$

$P \ P_{\mu}PePsPjP_{\mu}PSPPrP^{\circ}C\ddot{+}C - C - P \cdot \ PrPsP \cdot C\acute{r}PIP^{\circ}PSPSC \sqcup:$

$P_{\mu}P^{\circ}C\acute{I}P^{\circ}$ $C, C - P \gg P^{\circ}$	$P''PsP \cdot C\acute{r}PIP^{\circ}PSPSC \sqcup$
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15вґ“30 PePi	PhPjPµPіCґP°P·PsP» 10 PjPi* P°PjPsPeCІPёC†PёP»C-PS 25 PjPi/PePi PjP°CІPё C,C-P»P° PeP»P°CґPёC,CґPsPjC-C†PёPS 7,5 PjPi/PePi PjP°CІPё C,C-P»P°. PµCґPµPіP°CґP°C,Pё PіCґPёPNµPjP°C,Pё CґP°P·PsPj 2 CґP°P·Pё/PrPsP±Cр PіCґPsC,CІPiPsPj 1 C,PёP¶PSCІ.
31вґ“40 PePi	PhPjPµPіCґP°P·PsP» 20 PjPi P°PjPsPeCІPёC†PёP»C-PS 750 PjPi PeP»P°CґPёC,CґPsPjC-C†PёPS 7,5 PjPi/PePi PjP°CІPё C,C-P»P°. PµCґPµPіP°CґP°C,Pё PіCґPёPNµPjP°C,Pё CґP°P·PsPj 2 CґP°P·Pё/PrPsP±Cр PіCґPsC,CІPiPsPj 1 C,PёP¶PSCІ.
> 40 PePi	PhPjPµPіCґP°P·PsP» 20 PjPi P°PjPsPeCІPёC†PёP»C-PS 1000 PjPi PeP»P°CґPёC,CґPsPjC-C†PёPS 500 PjPi. PµCґPµPіP°CґP°C,Pё PіCґPёPNµPjP°C,Pё CґP°P·PsPj 2 CґP°P·Pё/PrPsP±Cр PіCґPsC,CІPiPsPj 1 C,PёP¶PSCІ.

* вґ“ Cр CґP°P·C- PSpµPsP±C...C-PrPSPsCІC,C- P·P°CІC,PsCІCрPIP°PSPSCІ PrPsP·Pё 10 PjPi P»C-PeP°CґCІCHPePёPNµ P·P°CІC-P± CІP»C-Pr P·P°CІC,PsCІPsPICрPIP°C,Pё Cр PIC-PrPіPsPIC-PrPSPsPjCр PrPsP·CрPIP°PSPSC-.

PhCІPsP±P»PёPIC- PіCґCрPіPё PіP°C†C-C”PSC,C-PI

PµPsCґCзCёPµPSPSCІ C,,CзPSPeC†C-PNµ PSPёCґPsPe. P”P»CІ PіP°C†C-C”PSC,C-PI C-P· PіPsCґCрCёPµPSPSCІPjPё C,,CрPSPeC†C-PNµ PSPёCґPsPe PSpµ PіPsC,CґC-P±PSPs PePsCґPёPіCрPIP°PSPSCІ PrPsP·Pё (PrPёPI. CґPsP·PrC-P» B«PαP°CґPjP°PePsPeC-PSPµC,PёPeP°B»).

PµPsCґCзCёPµPSPSCІ C,,CзPSPeC†C-PNµ PіPµC†C-PSPePё. P”P»CІ PіP°C†C-C”PSC,C-PI C-P· PіPsCґCрCёPµPSPSCІPjPё C,,CрPSPeC†C-PNµ PіPµC†C-PSPePё PrPsCІC,P°C,PSCHPsCґ C” PrPsP±PsPIP° PrPsP·P° 10вґ“20 PjPi (PrPёPI. CґPsP·PrC-P» B«PαP°CґPjP°PePsPeC-PSPµC,PёPeP°B»).

PµP°C†C-C”PSC,Pё P»C-C,PSCHPsPiPs PIC-PeCз. P”P»CІ PіP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCр PSPµ PіPsC,CґC-P±PSPs PePsCґPёPіCрPIP°PSPSCІ PrPsP·Pё (PrPёPI. CґPsP·PrC-P» B«PαP°CґPjP°PePsPeC-PSPµC,PёPeP°B»).

PґPіPsCІC-P± P·P°CІC,PsCІCрPIP°PSPSCІ

P PµPePsPjPµPSPPrCрC”C,CHCІCІ PіCґPёPNµPjP°C,Pё PeP°PіCІCрP»Pё PICґP°PSC†C-, P±P°P¶P°PSPs PrPs C—PrPё, PSPµ PіPsCёPePsPrP¶CрCґPё PeP°PіCІCрP»Cр (PeP°PіCІCрP»Pё PSPµ CІP»C-Pr CґPsP·P¶PsPICрPIP°C,Pё C†Pё CґPsP·P»P°PjCрPIP°C,Pё) C- P·P°PіPёPIP°CґC†Pё PSPµPIPµP»PёPePsCґ PeC-P»CHPeC-CІC,Cґ PIPsPrPё.

P”P»CІ PіP°C†C-C”PSC,C-PI C-P· C,CґCзPrPSPsC%oP°PjPё PePsPIC,P°PSPSCІ C,P° PrP»CІ PrC-C,PµPNµ, CІPeC- PjPsP¶CзC,CH PіPёC,Pё P°P±Ps PePsPIC,P°C,Pё PSP°PіC-PIC,PiPµCґPrCз C—P¶Cз. PµP°PіCІCрP»Pё PjPsP¶P»PёPIPs PIC-PrPeCґPёC,Pё C,P° P±PµP·PіPsCІPµCґPµPrPSCHPs PePsPIC,PSCрC,Pё PIPjC-CІC,, P·P°PіPёPIP°CґC†Pё PіPsP»PsPIPёPSPsCґ CІPeP»CІPSPePё PIPsPrPё, P°P±Ps P·PjC-CёP°C,Pё P·C- CІP»P°P±Ps- PePёCІP»PёPj PSP°PіPsC”Pj, PSP°PіCґPёPeP»P°Pr, C,,CґCрPeC,PsPIPёPj CІPsPePsPj P°P±Ps CІP±P»CрC†PSPёPj PіCґCґPµ C†Pё PSPµPіP°P·PsPIP°PSPsCґ PIPsPrPsCґ. PґP°PeCр CІCрPjC-Cё PSPµPsP±C...C-PrPSPs PIPёPіPёC,Pё PSPµPіP°PNµPSPs PіC-CІP»CІ PіCґPёPіPsC,CрPIP°PSPSCІ P°P±Ps PіCґPsC,CІPiPsPj 30 C...PIPёP»PёPS. PµPµCґPµPr PіCґPёPNµPsPjPsPj CІCрPjC-Cё CІP»C-Pr P·P±PsPIC,P°C,Pё C,P° P·P°PіPёC,Pё PіPsP»PsPIPёPSPsCґ CІPeP»CІPSPePё PIPsPrPё.

PіPe PIP°CґC-P°PSC,, PіP°C†C-C”PSC,Pё PjPsP¶CрC,CH CґPsP·CІPjPsPeC,P°C,Pё PeP°PіCІCрP»Cр C,P° PіCґPsPePsPIC,PSCрC,Pё PіCґP°PSCрP»Pё, P·P°PіPёPIP°CґC†Pё

PIPsP»PsPIPëPSPsCĤ CÍPeP»CĬPSPePë PIPsPrPë. P“CĤP°PSCÍP»Pë P·
PePëC€PePsPIPsCĤPsP·C‡PëPSPSPëPj PiPsPeCĤPëC,C,CĬPj PSPµ CÍP»C-Pr
CĤPsP·P¶PsPICÍPIP°C,Pë.

P”C-C,Pë.

P>C-PeP°CĤCÍCĤPePëPNë P·P°CÍC-P± P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PrC-C,CĬPj PIC-PePsPj
PIC-Pr 1 CĤPsPeCÍ C,P° PjP°CÍPsCĤ C,C-P»P° PiPsPSP°Pr 10 PePi P·P°
PiCĤPëP·PSP°C‡PµPSPSCĬPj P»C-PeP°CĤCĬ PrP»CĬ P»C-PeCÍPIP°PSPSCĬ CĤPµC,,P»CĤPeCÍ-
PµP·PsC,,P°PiC-C,CÍ, CÍPëPjPiC,PsPjP°C,PëC‡PSPsPiPs P»C-PeCÍPIP°PSPSCĬ PiPµC‡C-C— C,P°
PePëCÍP»PsC,PSPsC— CĤPµPiCÍCĤPiC-C,P°C‡C-C— PiCĤPë
PiP°CÍC,CĤPsPµP·PsC,,P°PiPµP°P»CĤPSC-PNë CĤPµC,,P»CĤPeCÍPSC-PNë C...PIPsCĤPsP±C- C,P°
PrC-C,CĬPj PIC-PePsPj PIC-Pr 4 CĤPsPeC-PI PrP»CĬ P»C-PeCÍPIP°PSPSCĬ PIPëCĤP°P·PePë
PrPIP°PSP°PrC‡CĬC,PëPiP°P»PsC— PePëC€PePë, CÍPiCĤPëC‡PëPSPµPSPsC— *H. pylori*, PiC-Pr
PePsPSC,CĤPsP»PµPj P»C-PeP°CĤCĬ.

PµPµCĤPµPrPsP·C¿PIP°PSPSCĬ.

P’C-PrPsPjC- PrCÍP¶Pµ PsP±PjPµP¶PµPSC- PrP°PSC- C%PsPrPs PµC,,PµPeC,C-PI
PiPµCĤPµPrPsP·CÍPIP°PSPSCĬ PsPjPµPiCĤP°P·PsP»CÍ CÍ P»CĤPrPëPSPë. P—
P»C-C,PµCĤP°C,CÍCĤPSPëC... PrP¶PµCĤPµP» PIC-PrPsPjPs PiCĤPs PrPsP·Pë PrPs 560 PjPi
PsPjPµPiCĤP°P·PsP»CÍ, C,P°PePsP¶ PSP°CĬPIPSC- PrP°PSC- PiCĤPs PrPsCÍCĬPiPSPµPSPSCĬ
CĤP°P·PsPIPsC— PiPµCĤPsCĤP°P»CĤPSPsC— PrPsP·Pë PrPs 2400 PjPi PsPjPµPiCĤP°P·PsP»CÍ,
C,PsP±C,Ps CÍ 120 CĤP°P·C-PI PIPëC%Pµ, PSC-P¶ P·PIPëC‡P°PNëPSP°
CĤPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P°.

PµPsPIC-PrPsPjP»CĬP»PsCÍCĬ PiCĤPs PSCÍPrPsC,CÍ, P±P»CĤPIP°PSPSCĬ,
P·P°PiP°PjPsCĤPsC‡PµPSPSCĬ, P°P±PrPsPjC-PSP°P»CĤPSPëPNë P±C-P»CĤ, PiPsP»PsPIPSPëPNë
P±C-P»CĤ, PrC-P°CĤPµCĤ. PµPsPsPrPëPSPsPeC- PIPëPiP°PrPePë
PiPµCĤPµPrPsP·CÍPIP°PSPSCĬ CÍCÍPiCĤPsPIPsPrP¶CÍPIP°P»PëCÍCĬ P°PiP°C,C-C”CĤ,
PrPµPiCĤPµCÍC-C”CĤ C- CÍPiP»CÍC,P°PSC-CÍC,CĤ CÍPIC-PrPsPjPsCÍC,C-. PĥP»Pµ PICÍC-
PIPeP°P·P°PSC- CÍPëPjPiC,PsPjPë PjP°P»Pë CÍPePsCĤPsPjPëPSCÍC‡PëPNë C...P°CĤP°PeC,PµCĤ,
PiCĤPs CÍPµCĤPNëPsP·PSC- PSP°CÍP»C-PrPePë PSPµ PiPsPIC-PrPsPjP»CĬP»Pë.

PëPIPëPrPeC-CÍC,CĤ PIPëPIPµPrPµPSPSCĬ PSPµ P·PjC-PSCĤC”C,CĤCÍCĬ (PeC-PSPµC,PëPeP°
PiPµCĤC€PsPiPs PiPsCĤCĬPrPeCÍ) P·C- P·P±C-P»CĤC€PµPSPSCĬPj PrPsP·Pë. Pj CĤP°P·C-
PSPµPsP±C...C-PrPSPsCÍC,C- P»C-PeCÍPIP°PSPSCĬ CÍPëPjPiC,PsPjP°C,PëC‡PSPµ.

PµPsP±C-C‡PSC- CĤPµP°PeC‡C-C—.

PĥP°PNëC‡P°CÍC,C-C€PëPjPë PiPsP±C-C‡PSPëPjPë CĤPµP°PeC‡C-CĬPjPë (CÍ 1bĤ”10 %
PiP°C‡C-C”PSC,C-PI) C” PiPsP»PsPIPSPëPNë P±C-P»CĤ, P°P±PrPsPjC-PSP°P»CĤPSPëPNë
P±C-P»CĤ, P·P°PiPsCĤ, PrC-P°CĤPµCĬ, PjPµC,PµPsCĤPëP·Pj C,P°
PSCÍPrPsC,P°/P±P»CĤPIP°PSPSCĬ.

PµCĤPs C,CĬP¶PeC- C€PeC-CĤPSC- PiPsP±C-C‡PSC- CĤPµP°PeC‡C-C—, PIPeP»CĤC‡P°CĤC‡Pë
CÍPëPSPPrCĤPsPj PŸC,C-PIPµPSCÍP°bĤ”P”P¶PsPSCÍPsPSP° (SJS), C,PsPeCÍPëC‡PSPëPNë

РμPīC-PrPμCḡPjP°P»CHbPSPēPNē PSPμPeCḡPsP»C-P· (TEN), PjPμPrPēPeP°PjPμPSC,PsP·PSCř
CḡPμP°PeC†C-Cḡ P· PμPsP·PēPSPsC,,C-P»C-C"ḡ C,P° CḡPēCḡC,PμPjPSPēPjPē
CḡPēPjPīC,PsPjP°PjPē (DRESS) C- PiPsCḡC,CḡPēPNē PiPμPSPμCḡP°P»C-P·PsPIP°PSPēPNē
PμPeP·P°PSC,PμPjP°C,PsP·PSPēPNē PīCḡCḡC,CḡP»CHbPsP· (AGEP) PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ
Cḡ P·PI'CḡP·PeCḡ P· P»C-PeCḡPIP°PSPSCḡPj PsPjPμPīCḡP°P·PsP»PsPj.

PμCḡPs PSPēP¶C†PμPSP°PIPμPrPμPSC- PīPsP±C-C†PSC- CḡPμP°PeC†C-C—
PīPsPIC-PrPsPjP»CḡP»Pē PīC-Pr C†P°Cḡ PīCḡPsPIPμPrPμPSPSCḡ PeP»C-PSC-C†PSPēC...
PIPēPīCḡPsP±CḡPIP°PSCḡ PsPjPμPīCḡP°P·PsP»Cḡ P°P±Ps
PīPsCḡC,PjP°CḡPePμC,PēPSPiPsPiPsPīPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ. P-PsPrPSP° P·
CḡPμP°PeC†C-PNē PSPμ P±CḡP»P° PIPēP·PSP°PSP° PrPsP·PsP·P°P»PμP¶PSPsCḡ.

PμPsP±C-C†PSC- CḡPμP°PeC†C-C—, PeP»P°CḡPēC,,C-PePsPIP°PSC- Cḡ PSP°CḡC,CḡPīPSC-
PiCḡCḡPīPē PIC-PrPīPsPIC-PrPSPs PrPs C—C... PIPiP»PēPICḡ PSP° PsCḡPiP°PSPē P°P±Ps
CḡPēCḡC,PμPjPē PsCḡPiP°PSC-PI.

P— P±PsPeCḡ CḡPēCḡC,PμPjPē PeCḡPsPIC- C,P° P»C-PjC,,P°C,PēC†PSPsC— CḡPēCḡC,PμPjPē:
C,CḡPsPjP±PsC†PēC,PsPīPμPSC-Cḡ, P»PμPNēPePsPīPμPSC-Cḡ, P°PiCḡP°PSCḡP»PsC†PēC,PsP· C-
PīP°PSC†PēC,PsPīPμPSC-Cḡ.

P— P±PsPeCḡ C-PjCḡPSPSPsC— CḡPēCḡC,PμPjPē: CḡPμP°PeC†C-C— PīC-PrPIPēC%PμPSPsC—
C†CḡC,P»PēPIPSCḡC-, P·PsPeCḡPμPjP° PīP°CḡCḡC†PeP°,
P°PSPiC-PsPSPμPICḡPsC,PēC†PSPēPNē PSP°P±CḡCḡPe C,P° P°PSP°C,,C-P»P°PeC,PēC†PSP°
CḡPμP°PeC†C-Cḡ/CēPsPe.

P— P±PsPeCḡ PjPμC,P°P±PsP»C-P·PjCḡ C,P° C...P°CḡC†CḡPIP°PSPSCḡ:
PiC-PīPsPSP°C,CḡC-C"ḡPjC-Cḡ, PiC-PīPsPjP°PiPSC-C"ḡPjC-Cḡ, PiC-PīPsPjP°PiPSC-C"ḡPjC-Cḡ,
C%Ps PjPsP¶Pμ CḡPīCḡPēC†PēPSPēC,Pē PiC-PīPsPeP°P»C-C"ḡPjC-Cḡ; C,CḡP¶PeP°
PiC-PīPsPjP°PiPSC-C"ḡPjC-Cḡ, C%Ps PjPsP¶Pμ PīCḡPēP·PIPμCḡC,Pē PrPs
PiC-PīPsPeP°P»CHbC†C-C"ḡPjC-C—.

P— P±PsPeCḡ PīCḡPēC...C-PePē: P±PμP·CḡPsPSPSCḡ, C,CḡPēPIPSP¶PSC-CḡC,CHb,
CḡPīP»CḡC,P°PSC-CḡC,CHb CḡPIC-PrPsPjPsCḡC,C-, PrPμPīCḡPμCḡC-Cḡ, P°PiCḡPμCḡC-Cḡ,
PīP°P»CḡC†PēPSP°C†C-C—.

P— P±PsPeCḡ PSPμCḡPIPSPiPsC— CḡPēCḡC,PμPjPē: PiPsP»PsPIPSPēPNē P±C-P»CHb,
P·P°PīP°PjPsCḡPsC†PμPSPSCḡ, PīP°CḡPμCḡC,PμP·C-C—, CḡPsPSP»PēPIC-CḡC,CHb,
PīPsCḡCḡCēPμPSPSCḡ PIC-PrC†CḡC,C,Cḡ CḡPjP°PeCḡ.

P— P±PsPeCḡ PsCḡPiP°PSC-PI P·PsCḡCḡ: PSPμC†C-C,PeC-CḡC,CHb P·PsCḡCḡ.

P— P±PsPeCḡ PsCḡPiP°PSC-PI CḡP»CḡC...Cḡ C,P° CḡC-PIPSPsPIP°PiPē: PIPμCḡC,PēPiPs.

P— P±PsPeCḡ PsCḡPiP°PSC-PI PrPēC...P°PSPSCḡ, PiCḡCḡPrPSPsC— PeP»C-C,PePē C,P°
CḡPμCḡPμPrPsCḡC,C-PSPSCḡ: P±CḡPsPSC...PsCḡPīP°P·Pj.

P— P±PsPeCḡ CēP»CḡPSPePsPiPs-PePēCēPePsPiPsPiPs C,CḡP°PeC,Cḡ: PrC-P°CḡPμCḡ,
P·P°PīPsCḡ, P±C-P»CHb Cḡ PrC-P»CḡPSC†C- P¶PēPiPsC,P°, PSCḡPrPsC,P°/P±P»CHbPIP°PSPSCḡ,
PjPμC,PμPsCḡPēP·Pj, PīPsP»C-PīPē C-P· C,,CḡPSPPrP°P»CHbPSPēC... P·P°P»PsP·
(PrPsP±CḡPsCḡPeC-CḡPSC-), CḡCḡC...C-CḡC,CHb Cḡ CḡPsC,C-, CḡC,PsPjP°C,PēC,,
PeP°PSPPrPēPrPs· CēP»CḡPSPePsPiPs-PePēCēPePsPiPsPiPs C,CḡP°PeC,Cḡ,
PjC-PeCḡPsCḡPePsPiC-C†PSPēPNē PePsP»C-C,.

P— P±PsPeCž PiPμPiP°C,PsP±C-P»C-P°CḡPSPsC— CÍPëCÍC,PμPjPë: PiC-PrPIPëC%oPμPSPSCl CḡC-PIPSCl PiPμC±C-PSPePsPIPëC... C,,PμCḡPjPμPSC,C-PI, PiPμPiP°C,PëC, P·/P±PμP· P¶PsPIC,ClPSPëC±C-, PiPμC±C-PSPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,Ch, PμPSC±PμC,,P°P»PsPiP°C,C-Cl CÍ PiP°C±C-C”PSC,C-PI P· C-CÍPSCÍCḡC±PëPj P·P°C...PIPsCḡCḡPIP°PSPSClPj PiPμC±C-PSPePë.

P— P±PsPeCž C€PeC-CḡPë C,P° PiC-PrC€PeC-CḡPSPsC— C,PeP°PSPëPSPë: PrPμCḡPjP°C,PëC,, CÍPIPμCḡP±C-P¶, PIPëCÍPëPiP°PSPSCl, PeCḡPsPiPëPI'ClPSPeP°, P°P»PsPiPμC±C-Cl, PiC-PrPIPëC%oPμPSPSCl C±CÍC,P»PëPIPsCÍC,C- PrPs CÍPIC-C,P»P° (C,,PsC,PsC±CÍC,P»PëPIC-CÍC,Ch), PiPsCÍC,CḡPëPNë PiPμPSPμCḡP°P»C-P·PsPIP°PSPëPNë PμPeP·P°PSC,PμPjP°C,PsP·PSPëPNë PiCÍCÍC,CÍP»ChPsP· (AGEP), PjPμPrPëPeP°PjPμPSC,PsP·PSP° CḡPμP°PeC±C-Cl P· PμPsP·PëPSPsC,,C-P»C-C”Cḡ C,P° CÍPëCÍC,PμPjPSPëPjPë CÍPëPjPiC,PsPjP°PjPë (DRESS), PjCÍP»ChC,PëC,,PsCḡPjPSP° PμCḡPëC,PμPjP°, CÍPëPSPrCḡPsPj PŸC,C-PIPμPSCÍP°Bḡ“P”P¶PsPSCÍPsPSP°, C,PsPeCÍPëC±PSPëPNë PμPiC-PrPμCḡPjP°P»ChPSPëPNë PSPμPeCḡPsP»C-P· (PŸP·N), PiC-PrPiPsCÍC,CḡPëPNë C€PeC-CḡPSPëPNë C±PμCḡPIPsPSPëPNë PIPsPIC±P°Pe.

P— P±PsPeCž PeC-CÍC,PePsPIPs-Pj'ClP·PsPIPsC— CÍPëCÍC,PμPjPë: PiPμCḡPμP»PsPj CÍC,PμPiPSP°, P·P°Pi'ClCÍC,Cl P°P±Ps C...CḡPμP±C,P°, P°CḡC,CḡP°P»PiC-Cl, PjC-P°P»PiC-Cl, Pj'ClP·PsPIP° CÍP»P°P±PeC-CÍC,Ch.

P— P±PsPeCž PSPëCḡPsPe C,P° CÍPμC±PsPIPëPrC-P»ChPSPsC— CÍPëCÍC,PμPjPë: C,CÍP±CÍP»PsC-PSC,PμCḡCÍC,PeC±C-P°P»ChPSPëPNë PSPμC,,CḡPëC, (P· PjPsP¶P»PëPIPëPj PiCḡPsPiCḡPμCÍCÍP°PSPSClPj PrPs PSPëCḡPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-).

P— P±PsPeCž CḡPμPiCḡPsPrCžPeC,PëPIPSPsC— CÍPëCÍC,PμPjPë: PiC-PSPμPePsPjP°CÍC,C-Cl.

P—P°PiP°P»ChPSC- PiPsCḡCžC€PμPSPSCl: PSPμP·PrCÍP¶P°PSPSCl, PiPμCḡPëC,,PμCḡPëC±PSC- PSP°P±CḡClPePë, PiC-PrPIPëC%oPμPSP° PiC-C,P»PëPIC-CÍC,Ch, PiC-PrPIPëC%oPμPSPSCl C,PμPjPiPμCḡP°C,CÍCḡPë C,C-P»P°.

P”C-C,Pë

P’PμP·PiPμC±PSC-CÍC,Ch PsPjPμPiCḡP°P·PsP»CÍ PIPëP·PSP°C±P°P»Pë PrP»Cl 310 PrC-C,PμPNë PIC-PePsPj PIC-Pr 0 PrPs 16 CḡPsPeC-PI C-P· PePëCÍP»PsC,PsP·P°P»PμP¶PSPëPjPë P·P°C...PIPsCḡCḡPIP°PSPSClPjPë. P±CÍPSCÍCḡC,Ch PsP±PjPμP¶PμPSC- PrP°PSC- PiCḡPs PrPsPIPiPsCÍC,CḡPsPePsPIC- PIPëPIC±PμPSPSCl P±PμP·PiPμPePë P·P°CÍC,PsCÍCÍP°PSPSCl PiCḡPμPiP°CḡP°C,CÍ CÍ 46 PrC-C,PμPNë, ClPeC- PsC,CḡPëPjCÍP°P»Pë PiC-PrC,CḡPëPjCÍCḡC±CÍ C,PμCḡP°PiC-Cḡ PsPjPμPiCḡP°P·PsP»PsPj CÍ PiCḡPsC±PμCÍC- P»C-PeCÍP°PSPSCl C,ClP¶PePsPiPs PμCḡPsP·C-PNëPSPsPiPs PμP·PsC,,P°PiC-C,CÍ PiCḡPsC,ClPiPsPj 749 PrPSC-PI. PμCḡPsC,,C-P»Ch PiPsP±C-C±PSPëC... CḡPμP°PeC±C-PNë CÍC...PsP¶PëPNë P· PiCḡPsC,,C-P»PμPj CÍ PrPsCḡPsCÍP»PëC... PiCḡPë PePsCḡPsC,PePsC±P°CÍPSPsPjCÍ C,P° PrPsPIPiPsC,CḡPëPIP°P»PsPjCÍ P»C-PeCÍP°PSPSC-. PkPμPjP°C” P¶PsPrPSPëC... PrP°PSPëC... PrPsPIPiPsC,CḡPëPIP°P»PëC... PrPsCÍP»C-PrP¶PμPSCḡ PiCḡPs PIP°P»PëPI P»C-PeCÍP°PSPSCl PsPjPμPiCḡP°P·PsP»PsPj PSP° CÍC,P°C,PμPIPμ PrPsP·CḡC-PIP°PSPSCl C,P° CḡC-CÍC,.

PμPsPIC-PrPsPjP»PμPSPSCl PiCḡPs PiC-PrPsP·CḡCḡPIP°PSC- PiPsP±C-C±PSC- CḡPμP°PeC±C-C—. PμCḡPs CÍCÍC- PIPëPiP°PrPePë PiC-PrPsP·CḡCḡPIP°PSPëC... PiPsP±C-C±PSPëC... CḡPμP°PeC±C-PNë C,P° PIC-PrCÍCÍC,PSPsCÍC,C- PμC,,PμPeC,PëPIPSPsCÍC,C- PiCḡPμPiP°CḡP°C,CÍ CÍP»C-Pr PiPsPIC-PrPsPjP»ClC,Pë P·P°

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PŷPµCŦPjC-PS PïCŦPëPŦP°C,PSPsCŦC,C-. 2 CŦPŷPŷPë.

PJpJpSPiPë P·P±PμCĤC-PiP°PSPSCĬ. P—P±PμCĤC-PiP°C, Pë PiCĤPë C, PμPjPiPμCĤP°C, CrCĤC-PSPμ PiPëC%Pμ 30 B°PŸ. P—P±PμCĤC-PiP°C, Pë Cr PSPμPrPsCĬC, CrPiPSPsPjCr PrP»CĬ PrC-C, PμPNē PjC-CĬC†C-.

PJPiP°PePsPIPeP°. P₁₁Ps 10 PeP°P_iCl⁺CrP» Cr P±P»C-Cl⁺C, P₁₁CH₃C-; P_iPs 3 P±P»C-Cl⁺C, P₁₁CH₃Pë PI PePsCH₃PsP±C⁺C-.

$$\mathbf{P}_{\mathbf{L}}\mathbf{P}^{\circ}\mathbf{C}, \mathbf{P}_{\mathbf{M}}\mathbf{P}\mathbf{i}\mathbf{P}\mathbf{s}\mathbf{C}\mathbf{H}\mathbf{C}-\mathbf{C}\mathbf{H}\mathbf{P}\mathbf{I}\mathbf{C}-\mathbf{P}\mathbf{r}\mathbf{P}\mathbf{i}\mathbf{C}\mathbf{r}\mathbf{C}\mathbf{I}\mathbf{P}\mathbf{e}\mathbf{C}\mathbf{r}. \mathbf{P}-\mathbf{P}^{\circ}\mathbf{C}\mathbf{H}\mathbf{P}_{\mathbf{M}}\mathbf{C}\mathbf{I}\mathbf{P}_{\mathbf{M}}\mathbf{P}\mathbf{i}\mathbf{C}, \mathbf{P}\mathbf{s}\mathbf{P}\mathbf{j}.$$

P'PëCḤPsP±PSPëPε. TePIP° PαP°CḤPjP° PŸ.P>.PJ.

**P_HC-CĬC†P_μP•PSP°C...PsPrP¶P_μPSPSCII PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤP_μCĬP°
PjC-CĬC†CII PiCĤPsPIP°PrP¶P_μPSPSCII PN̈PsPiPs
PrC-CII P»CḦPSPScĬC,C-.B B**

$\text{P}\ddot{\text{U}}\text{PsP} \gg \text{C-PiPsPSPs } \text{P}\dagger\text{PSPrP}^\circ\text{Cl}'\text{C}, \text{C}\overline{\text{H}}\text{C}-\text{P}^\circ\text{P} \gg \text{P}_{\text{HB}}\text{P}^\circ\text{P} \gg \text{CHBPiC}-\text{PeP}^\circ$ с/С В,, - 4, 50016,
 $\text{P}\ddot{\text{Y}}\text{P}^\circ\text{C}\overline{\text{H}}\text{P}^\circ\text{PiPsCl}'\text{P}^\circ, \text{P}\dagger\text{Cl}'\text{PiP}^\circ\text{PSC-Cl}$.