

Р†РќРЎРЎР РЈРЉРІР†РІ

**РrP»CII PjPμPrPēC†PSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCII P»C-PeP°CfCfCHPePsPiPs
P·P°CfPsP±Cf**

РЉР†Р>Р"Р РћРќРћРЎ^{В®}

(MILDRONATP·^{В®})

РЎРeP»P°Pr:

PrC-CfC†P° CfPμC†PsPIPēPSP°: PjPμP»CHPrPsPSC-Cf PrPēPiC-PrCfP°C, (meldonium dihydrate);

1 PeP°PiCfCfP»P° C,PIPμCfPrP° PjC-CfC,PēC,CH 500 PjPi PjPμP»CHPrPsPSC-Cf PrPēPiC-PrCfP°C,Cf;

PrPsPiPsPjC-PfPSC- CfPμC†PsPIPēPSPē: PeCfPsC...PjP°P»CH PeP°CfC,PsPiP»CfPSPēPNē, PeCfPμPjPSC-Cf PrC-PsPeCfPēPr, PeP°P»CHC†C-Cf CfC,PμP°CfP°C,;

PeP°PiCfCfP»P° (PePsCfPiCfCf C,P° PeCfPēC€PμC†PeP°): C,PēC,P°PSCf PrC-PsPeCfPēPr (P·171), PfPμP»P°C,PēPS.

P>C-PeP°CfCfCHPeP° C,,PsCfPjP°. РЉР°Р°PiCfCfP»Pē C,PIPμCfPrC-.

РћCfPSPsPIPSC- C,,C-P·PēPePs-C...C-PjC-C†PSC- PIP»P°CfC,PēPIPsCfC,C-: C,PIPμCfPrC-PfPμP»P°C,PēPSPsPIC- PeP°PiCfCfP»Pē P±C-P»PsPiPs PePsP»CHPsCfCf. P'PjC-CfC, PeP°PiCfCfP» Bf" P±C-P»PēPNē PeCfPēCfC,P°P»C-C†PSPēPNē PiPsCfPsC€PsPe P·C-CfP»P°P±PePēPj P·P°PiP°C...PsPj. PμPsCfPsC€PsPe PiC-PiCfPsCfPePsPiC-C†PSPēPNē.

РxP°CfPjP°PePsC,PμCfP°PiPμPIC,PēC†PSP° PiCfCfPiP°.

P†PSC€C- PeP°CfPrC-PsP»PsPiC-C†PSC- PiCfPμPiP°CfP°C,Pē. РЉPsPr РћРЎРІ РЎ01Р· Р'22.

РxP°CfPjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PēPIPsCfC,C-.

РxP°CfPjP°PePsPrPēPSP°PjC-PeP°. РЉPμP»CHPrPsPSC-Cf PrPēPiC-PrCfP°C, (PrP°P»C- PiPs C,PμPeCfC,Cf Bf" PjPμP»CHPrPsPSC-PNē) C" PiPsPiPμCfPμPrPSPēPePsPj PeP°CfPSC-C,PēPSCf, CfC,CfCfPeC,CfCfPSPēPj P°PSP°P»PsPiPsPj PiP°PjPjP°-P±CfC,PēCfPsP±PμC,P°C—PSCf (P"P'P'), Cf CfPePsPiPs PsPrPēPS P°C,PsPj PICfPiP»PμC†Cf P·P°PjC-C%PμPSPēPNēB P°C,PsPjPsPj P°P·PsC,Cf. P™ PsPiPs PrC-Cf PSP° PsCfPiP°PSC-P·Pj PjPsPfPSP° PiPsCfCfPSPēC,Pē PrPIPsCfPePs.

1. *P'PiP»PēPI PSP° P±C-PsCfPēPSC,PμP· PeP°CfPSC-C,PēPSC.*

PhCfPSP±P»PëPIPs PIP°P¶P»PëPIPsCf C” P·PrP°C,PSC-CfC,CH PïCfPµPïP°CfP°C,Cf P·PjPµPSC€CfPIP°C,Pë CfPiPsP¶PëPIP°PSPSC¶ PePëCfPSCf Cf CfC,P°PSC- CfPiPsPePsCf, C%oPs PIPIP°P¶P°CfC,CH PµC,,PµPeC,PëPIPSPëPj PeCfPëC,PµCfC-C”Pj P°PSC,PëP°PSPiC-PSP°P»CHbPSPsC— C,PµCfP°PiC-C— P†P¶PŸ.

P' P_μPeCÍPíP_μC₇PëPjP_μPSC,P°C... PSP° C,PIP°C₇PëPSP°C... PICÍ'C,P°PSPsPIP»P_μPSC-P°PSC,PëPiC-PíPsPeCÍPëC†PSCr PrC-Cl PjP_μP»CHbPrPsPSC-CH C,P° PrC-Cl, C°Ps CÍPíC₇PëC₇C" PjPsP·PePsPIPsPjCr PeC₇PsPIPsPsP±C-PiCr. P_μC₇P_μPíP°C₇P°C, PsPiC,PëPjC-P·CrC" PíP_μC₇P_μC₇PsP·PíPsPrC-P» PsP±B₇™ C"PjCr PjPsP·PePsPIPsPiPs PeC₇PsPIPsPsP±C-PiCr PSP° PePsC₇PëCÍ'C,CH C-C€P_μPjC-C†PSPëC... PsCÍ'P_μC₇P_μPrPeC-PI, PiC-PrPIPëC°CrC" PjC-C†PSC-CÍ'C,CH PSP_μPN₀C₇PsPSC-PI PI CrPjPsPIP°C... PiC-PíPsPeCÍ'C-C—.

РμСђРμРїР°СђР°С,Сђ РїСђРєС,Р°РјР°РSPSP° СђС,РєРјСђР»СђСђСђР° Р°С-Сђ PSP° РїРќРђ Бђ“
РїС-Р°РїРєС%РμРSPSCђ СђСђС...РSPРSC— Р°РєС,РєРїРSPСђСђС,С- С,Р° С,,С-Р°РєСђSPСС—
РїРєС,СђРєРїР°Р»Р»РSPСђС,С-, СђС,РєРјСђР»СђСђС-Сђ РїРSPРμР°С-РSPєРSPРєС...
СђРμР°Р°СђС-Р№, Р° С,Р°РєРSP¶ Р°РSPС,РєСђС,СђРμСђРSPР° Р°С-Сђ Бђ“
СђС,РєРјСђР»СђСђС-Сђ СђРєРјРїР°С,РSP°Р°СђРμРSP°Р»РSPРSC— СђРєСђС,РμРјРє,
РSP°РєРSPРєСђРμРSPSCђ РєР°С,РμС...РSP»Р°РјС-РSC-Рї Сђ РїРSP»РSPРSPРјСђ РјРSP°РєСђ С-
РSP°Р°РSPєСђРєРSPРєС... Р°Р°Р»РSP°Р°С..., Р°Р°С...РєСђС, РїСђРSPС,Рє Р°РјС-РSP
РїРSCђС,СђС-СєРSC-С... РSPРїР°РSPС-Рї, СђРїСђРєСђРєСђРSPРμРSPєС... СђС,СђРμСђРSPРј.

$P \cdot C, P_{\mu}PeC, P\ddot{e}PIPSC-C\dot{I}C, CH\ P\ddot{I}C\overline{I}P\ddot{e}\ PSp_{\mu}PIC\overline{I}P_sP \gg P_sPiC-C\ddagger PSp\ddot{e}C...$
 $P \cdot P^{\circ}C...PIP_sC\overline{I}CHPIP^{\circ}PSPSC\dot{I}C....$

$P''PsPIP_{\mu}PrP_{\mu}PSPs, C\%_{\circ}PsPjP_{\mu}P \gg CHPrPsPSC-PN_{\infty}C''P_{\mu}C,,P_{\mu}PeC,P_{\mu}PIPSP_{\mu}PjP \cdot P^{\circ}C\acute{I}PsP \pm PsPjC\acute{r}$
 $PePsPjP_{\mu}P \gg P_{\mu}PeC\acute{I}PSC-PN_{\infty}C,P_{\mu}CT_{\mu}P^{\circ}P_{\mu}C-C-PiPsC\acute{I}C,C_{\mu}P_{\mu}C...C-C...C_{\mu}P_{\mu}PSC-C \pm PSP_{\mu}C...P_{\mu}PsC_{\mu}C\acute{r}C_{\mu}P_{\mu}PSC_{\mu}PjPsP \cdot PePsPIP_{\mu}PsPiPsPeC_{\mu}P_{\mu}PSP_{\mu}PsP \pm C-PiC\acute{r}(C-C_{\mu}P_{\mu}PjC-C \pm PSP_{\mu}PN_{\infty}C-PSC\acute{I}C\acute{r}P \gg CHC,,C...C_{\mu}P_{\mu}PSC-C \pm PSP^{\circ}PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,CHPjPsP \cdot PePsPIP_{\mu}PsPiPsPeC_{\mu}P_{\mu}PSP_{\mu}PsP \pm C-PiC\acute{r}).P_{\mu}P_{\mu}P \gg CHPrPsPSC-PN_{\infty}PSPsC_{\mu}PjP^{\circ}P \gg C-P.C\acute{r}C''C,PsPSC\acute{r}C\acute{I}C-PsPiC-C_{\mu}P_{\mu}PSC-C\acute{I}C,CHPeP^{\circ}P_{\mu}C-P \gg C_{\mu}C_{\mu}C_{\mu}C-PIC,P^{\circ}P^{\circ}C_{\mu}C,P_{\mu}C_{\mu}C-PsP \gg PiPsP \gg PsPIPSP_{\mu}PsPiPsPjPsP \cdot PeC\acute{r},PIC-PrPSPsPIP \gg C_{\mu}C''C-C...C_{\mu}P_{\mu}P^{\circ}PeC,P_{\mu}PIPSC-C\acute{I}C,CH.$

P'PëPIC†PμPSPs PīCḡPsC†PμCī CḡPμP°P±C-P»C-C,P°C†C-C— PīP°C†C-C"PSC,C-PI P·
PīPsCḡCīC€PμPSPSCḡPjPë PSPμPICḡPsP»PsPiC-C†PSPsPiPs C...P°CḡP°PeC,PμCḡCī
(PīC-CīP»Cḡ PīPμCḡPμPSPμCīPμPSPëC... P·P°C...PIPsCḡCḡPIP°PSCH
PeCḡPsPIPsPSPsCīPSPëC... CīCīPrPëPS PiPsP»PsPIPSsPiPs PjPsP·PeCī, PsPīPμCḡP°C†C-PN
PSP° PiPsP»PsPIPSsPjCī PjPsP·PeCī, C,CḡP°PIPj, PīPμCḡPμPSPμCīPμPSPsPiPs
PeP»C-C%PsPIPsPiPs PμPSC†PμC„P°P»C-C,Cī).

[illegible]

$P_{\mu}C_{\eta}P_{\delta}P^{\circ}PSP^{\circ}P \gg C-P \cdot C- P \cdot P_jC-PS \text{ } PsPeC_{\eta}P_{\mu}P_jP_{\delta}C \dots C- C' C' P_jP^{\circ}C_{\eta}PSP_{\delta}C \dots$
 $C-PSC, P_{\mu}P \gg P_{\mu}PeC, C'P^{\circ}P \gg CH_{\delta}PSP_{\delta}C \dots C,, C'PSP_{\delta}C \dagger C-PN_{\delta} \text{ } P_{\delta}C-C'P \gg C_{\eta}$
 $P \cdot P^{\circ}C' C, PsC' C' PIP^{\circ}PSPSC_{\eta} \text{ } P_{\delta}C_{\eta}P_{\mu}P_{\delta}P^{\circ}C_{\eta}P^{\circ}C, C' PIC' C, P^{\circ}PSP_{\delta}PIP \gg P_{\mu}PSP_{\delta} \text{ } P_{\delta}PsP \cdot P_{\delta}C, P_{\delta}PIPSC'$
 $PrC-C_{\eta} \text{ } PSP^{\circ} \text{ } PIC-PrPSP_{\delta}PIP \gg C_{\eta}PIP^{\circ}PSP_{\delta}PN_{\delta} \text{ } P_{\delta}C_{\eta}PsC \dagger P_{\mu}C'$
 $C-PSC, P_{\mu}P \gg P_{\mu}PeC, C'P^{\circ}P \gg CH_{\delta}PSP_{\delta}C \dots C,, C'PSP_{\delta}C \dagger C-PN_{\delta} \text{ } PI \text{ } P_{\delta}P_{\mu}C_{\eta}C-PsPr \text{ } PsPrC' P_{\eta}P^{\circ}PSPSC_{\eta}.$

$P^{\circ}C^{\circ}r^{\circ}C^{\circ}, P^{\circ}PSPsPIP^{\circ} \gg P_{\mu}PSPs, C^{\circ}_{\infty}Ps \ PjP_{\mu}P^{\circ} \gg CHPrPsPSC-PN_{\infty} \ PiPsPeC^{\circ}H^{\circ}P^{\circ}C^{\circ}_{\infty}Cr^{\circ}C^{\circ}$
 $C^{\circ}H^{\circ}P_{\mu}PePsPSPIP^{\circ}P^{\circ} \gg P_{\mu}C^{\circ}r^{\circ}C^{\circ} \dagger P_{\mu}PSC, PSCr^{\circ} \ C \parallel PeC-C^{\circ}r^{\circ}C^{\circ}, CH \ P \parallel P\ddot{e}C, C, C \parallel (PiPsP^{\circ} \gg PsPIPSP\ddot{e}Pj$
 $C \ddagger P\ddot{e}PSPsPj \ P \cdot P^{\circ} \ C^{\circ}H^{\circ}P^{\circ}C^{\circ} \dots Cr^{\circ}PSPsPe \ PsPSPsPIP^{\circ} \gg P_{\mu}PSPSC \parallel C_{\infty}, C-P \cdot P\ddot{e}C \ddagger PSPsC- \ C_{\infty}, Cr^{\circ}PSPeC \dagger C-C-$
 $PsC^{\circ}H^{\circ}PiP^{\circ}PSC-P \cdot PjCr^{\circ}), PrPs \ C, PsPiPs \ P \parallel, PIC-PS \ Cr^{\circ}C^{\circ}r^{\circ}C^{\circ}PIP^{\circ}C^{\circ} \ PiC^{\circ}r^{\circ}P\ddot{e}C \dots PsP^{\circ} \gg PsPiC-C \ddagger PSC-$
 $PiPsC^{\circ}H^{\circ}Cr^{\circ}C^{\circ}P_{\mu}PSPSC \parallel.$

[illegible]
$$\begin{aligned} & \text{P}_{\mu}\text{P}_{\text{S}}\text{P}_{\text{C}}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}\%_{\circ}\text{C}\text{r}\text{C}''\text{C},\text{C}\overline{\text{H}}\text{C}\text{f}\text{C}\overline{\text{C}}\text{I}\text{P}\cdot\text{P}^{\circ}\text{P}\text{iP}^{\circ}\text{P}\gg\text{C}\overline{\text{H}}\text{P}\text{S}\text{P}\overline{\text{P}}\text{N}_{\text{e}}\text{P}\text{S}\text{P}_{\mu}\text{P}\text{I}\text{C}\overline{\text{H}}\text{P}_{\text{S}}\text{P}\gg\text{P}_{\text{S}}\text{P}\text{iC}-\text{C}\overline{\text{f}}\text{P}\text{S}\text{P}\overline{\text{P}}\text{N}_{\text{e}} \\ & \text{C}\text{f}\text{C}',\text{P}^{\circ}\text{P}\text{S}\text{P}\text{iP}^{\circ}\text{C}\text{f}\text{C}-\text{C}''\text{P}\text{S}\text{C},\text{C}-\text{P}\text{I}(\text{P}\cdot\text{P}\text{iP}_{\mu}\text{P}\text{S}\text{C}\overline{\text{C}}\text{P}_{\mu}\text{P}\text{S}\text{P}\text{S}\text{C}\overline{\text{C}}\text{P}\text{iP}_{\text{S}}\text{C}\overline{\text{C}}\text{P}_{\text{e}}\text{P}_{\text{S}}\text{P}\text{rP}\overline{\text{P}}\text{P}_{\mu}\text{P}\text{S}\text{P}\text{S}\text{C}\overline{\text{C}}\text{P}\text{S}\text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}\text{I}\text{C}-\text{P}\text{I} \end{aligned}$$

PiPsP»PsPIPSPsPiPs PjPsP·PeCr C,P° PiP°C,PSP»PsPIC-C— CḡPμC„P»PμPeCḡC-PI,
CḡPμPiCḡPμCḡC-Cḡ PiP°CḡPμP·C-PNḡ, PiPsPeCḡP°C%PμPSPSCḡ PePsPsCḡPrPḡPSP°CḡC-C—
CḡCḡC...C-PI C,P° PIPμPiPμC,P°C,PḡIPSPḡC... C„CḡPSPeCḡC-PNḡ).

PαP°CḡPjP°PePsPeC-PSPμC,PḡPeP°.

P'CḡPjPsPeC,CḡPIP°PSPSCḡ

PμC-CḡP»Cḡ CḡP°P·PsPSPS— PiPμCḡPsCḡP°P»CHPSPS— PrPsP·PḡB
PjP°PeCḡPḡPjP°P»CHPSP° PePsPSCḡPμPSC,CḡP°CḡC-Cḡ Cḡ PiP»P°P·PjC- PeCḡPsPIC- (Pḡ_{max})
CḡC,P°PSPsPIPḡC,CHB 2,23Bḡ“2,43 PjPePi/PjP», P° PiC-CḡP»Cḡ P·P°CḡC,PSCḡCḡPIP°PSPSCḡ
PiPsPIC,PSCḡPSPḡC... PrPsP· Bḡ“ 2,77 PjPePi/PjP». PḡP°Cḡ PrPsCḡCḡPiPSPμPSPSCḡ
PjP°PeCḡPḡPjP°P»CHPSPS— PePsPSCḡPμPSC,CḡP°CḡC-C— Cḡ PiP»P°P·PjC- PeCḡPsPIC- (t_{max})
CḡC,P°PSPsPIPḡC,CH 1Bḡ“3 PiPsPrPḡPSPḡ. P'C-PsPrPsCḡC,CḡPiPSC-CḡC,CH PiCḡPḡ
PiPμCḡPsCḡP°P»CHPSPsPjCḡ PIPμPrPμPSPSC- CḡC,P°PSPsPIPḡC,CH 78 %. PḡPḡP°
C,CḡPsC...Pḡ P·P°C,CḡPḡPjCḡC” PICḡPjPsPeC,CḡPIP°PSPSCḡ.

P PsP·PiPsPrC-P»

PḡPμP»CHPrPsPSC-PNḡ C-P· PeCḡPsPSPS,PSPeCr CḡPIPḡPrPePs
CḡPsP·PiPsPrC-P»CḡC”C,CHCḡCḡ PI C,PeP°PSPḡPSP°C.... PhP±Bḡ™ C”Pj CḡPsP·PiPsPrC-P»Cḡ
CḡC,P°PSPsPIPḡC,CH 88,07 B± 8,56 P». P—PIBḡ™ CḡP·CḡPIP°PSPSCḡ P· P±C-P»PeP°PjPḡ
PiP»P°P·PjPḡ CḡC,P°PSPsPIPḡC,CH 78 %. PḡPμP»CHPrPsPSC-PNḡ C- PNḡPsPiPs
PjPμC,P°P±PsP»C-C,Pḡ CḡP°CḡC,PePsPSPs PiCḡPsC...PsPrCḡC,CH CḡPμCḡPμP·
PiP»P°CḡPμPSC,P°CḡPSPḡPNḡ P±P°CḡBḡ™ C”Cḡ.

P'C-PsC,CḡP°PSCḡC„PsCḡPjP°CḡC-Cḡ

PμCḡPḡ PrPsCḡP»C-PrPḡPμPSPSC- PjPμC,P°P±PsP»C-P·PjCḡ PSP°
PμPeCḡPiPμCḡPḡPjPμPSC,P°P»CHPSPḡC... C,PIP°CḡPḡPSP°C... PICḡC,P°PSPsPIP»PμPSPs, C%Ps
PjPμP»CHPrPsPSC-PNḡ PiPsP»PsPIPSPḡPj CḡPḡPSPsPj PjPμC,P°P±PsP»C-P·CḡC”C,CHCḡCḡ Cḡ
PiPμCḡC-PSCḡC-.

P'PḡPIPμPrPμPSPSCḡ

Pj PIPḡPIPμPrPμPSPSC- PjPμP»CHPrPsPSC-Cḡ C- PNḡPsPiPs PjPμC,P°P±PsP»C-C,C-PI P·
PsCḡPiP°PSC-P·PjCḡ PjP°C” P·PSP°CḡPμPSPSCḡ CḡPμPSP°P»CHPSP° PμPeCḡPeCḡPμCḡC-Cḡ.
PμC-CḡP»Cḡ PiPμCḡPsCḡP°P»CHPSPsPiPs P·P°CḡC,PSCḡCḡPIP°PSPSCḡ CḡP°P·PsPSPS—
PrPsP·Pḡ PiPμCḡC-PsPr CḡP°PSPSCHPsPiPs PSP°PiC-PIPIPḡPIPμPrPμPSPSCḡ
PjPμP»CHPrPsPSC-Cḡ (t_{1/2}) CḡC,P°PSPsPIPḡC,CH PiCḡPḡP±P»PḡP·PSPs 3,5Bḡ“4 PiPsPrPḡPSPḡ.
PμCḡPḡ P·P°CḡC,PSCḡCḡPIP°PSPSC- PiPsPIC,PSCḡPSPḡC... PrPsP· PiPμCḡC-PsPr
PSP°PiC-PIPIPḡPIPμPrPμPSPSCḡ PIC-PrCḡC-P·PSCḡC”C,CHCḡCḡ. PiC-
CḡPμP·CḡP»CHC,P°C,Pḡ CḡPIC-PrCḡP°C,CH PiCḡPs PjPsPḡP»PḡPIPμ PSP°PePsPiPḡCḡPμPSPSCḡ
PjPμP»CHPrPsPSC-Cḡ Cḡ PiP»P°P·PjC- PeCḡPsPIC-.

PhCḡPsP±P»PḡPIC- PiCḡCḡPiPḡ PiP°CḡC-C”PSC,C-PI

PμP°CḡC-C”PSC,Pḡ P»C-C,PSCHPsPiPs PIC-PeCḡ

PμP°CḡC-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCr P· PiPsCḡCḡPμPSPSCḡPjPḡ
C„CḡPSPeCḡC— PiPμCḡC-PSPePḡ P°P±Ps PSPḡCḡPsPe, Cḡ CḡPePḡC...
PiC-PrPIPḡC%CrC”C,CHCḡCḡ P±C-PsPrPsCḡC,CḡPiPSC-CḡC,CH, CḡP»C-Pr

- P·P°C...PIP_sC₇C₇PIP°PSPSC₇ C₇P_uC₇C₇C₇ C, P° C₇C₇P_rP_ePSPSP_sC— C₇P_eC₇C, P_uP_jP_e: C₇C, P°P±C-P»CH₃PSP° C₇C, P_uPSP_sPeP°C₇P_rC-C₇ PSP°PIP°PSC, P°P₇P_uPSPSC₇, C...C₇PsPSC-C±PSP° C₇P_uC₇C+P_uPIP° PSP_uP_rPsC₇C, P°C, PSC-C₇C, CH₃ (NYHA I₆T₇ "IP+I

C,,CfPSPeC†C-PsPSP°P»CHbPSPëPN₂ PeP»P°Cf), PeP°CfPrC-PsPjC-PsPiP°C,C-Cf,
C,,CfPSPeC†C-PsPSP°P»CHbPSC- PiPsCfCfC€PµPSPSCf PrC-CfP»CHbPSPScfC,C- CfPµCfC†Cf
C,P° CfCfPrPëPSPSPSc— CfPëCfC,PµPjPë;

- PiPsCfC,CfC- C,P° C...CfPsPSC-C†PSC- C-C€PµPjC-C†PSC- PiPsCfCfC€PµPSPSCf
PjPsP·PePsPiPsPiPs PeCfPsPiPsPsP±C-PiCf;

- P·PSPëP¶PµPSP° PiCfP°C†PµP·PrP°C,PSC-CfC,CH, C,,C-P·PëC†PSPµ C,P°
PiCfPëC...PsPµPjPsC†C-PN₂PSPµ PiPµCfPµPSP°PiCfCfP¶PµPSPSCf;

- Cf PiPµCfC-PsPr PsPrCfP¶P°PSPSCf PiC-CfP»Cf
C†PµCfPµP±CfPsPiP°CfPeCfP»CfCfPSPëC... PiPsCfCfC€PµPSCb, C,CfP°PiPj PiPsP»PsPiPë
C,P° PµPSC†PµC,,P°P»C-C,Cf.

PµCfPsC,PëPiPsPeP°P·P°PSPSCf.

- PµC-PrPiPëC%PµPSP° C†CfC,P»PëPIC-CfC,CH PrPs PjPµP»CHbPrPsPSC-Cf C,P°/P°P±Ps
PrPs P±CfPrCH-CfPePsC— PrPsPiPsPjC-P¶PSPSc— CfPµC†PsPiPëPSPë
P»C-PeP°CfCfCHbPePsPiPs P·P°CfPsP±Cf;

- PiC-PrPiPëC%PµPSPSCf PiPSCfC,CfC-C€PSCbPsC†PµCfPµPiPSPsPiPs C,PëCfPeCf
(PiCfPë PiPsCfCfC€PµPSPSC- PiPµPSPsP·PSPsPiPs PIC-PrC,PsPeCf,
PiPSCfC,CfC-C€PSCbPsC†PµCfPµPiPSPëC... PiCfC...P»PëPSP°C...);

- C,CfP¶PeP° PiPµC†C-PSPePsPiP° C,P°/P°P±Ps PSPëCfPePsPiP°
PSPµPrPsCfC,P°C,PSC-CfC,CH (PSPµPjP°C” PrPsCfC,P°C,PSC-C... PrP°PSPëC... PiCfPs
P±PµP·PiPµPeCf P·P°CfC,PsCfCfPiP°PSPSCf);

P’P·P°C”PjPsPrC-Cf P· C-PSC€PëPjPë P»C-PeP°CfCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PiPëPrPë PiP·P°C”PjPsPrC-PN₂.

PµPµP»CHbPrPsPSC-PN₂ PjPsP¶PSP° P·P°CfC,PsCfPsPICfPiP°C,Pë CfP°P·PsPj P·
PSC-C,CfP°C,P°PjPë PiCfPsP»PsPSPiPsPiP°PSPSc— PrC-C— C,P° C-PSC€PëPjPë
P°PSC,PëP°PSPiC-PSP°P»CHbPSPëPjPë P·P°CfPsP±P°PjPë (CfC,P°P±C-P»CHbPSP°
CfC,PµPSPsPeP°CfPrC-Cf PSP°PiP°PSC,P°P¶PµPSPSCf), CfPµCfC†PµPiPëPjPë
PiP»C-PePsP·PëPrP°PjPë C- PrC-CfCfPµC,PëC†PSPëPjPë PiCfPµPiP°CfP°C,P°PjPë
(CfPµCfC†PµPiP° PSPµPrPsCfC,P°C,PSC-CfC,CH). PÿP°PePsP¶ PN₂PsPiPs PjPsP¶PSP°
PePsPjP±C-PSCfPiP°C,Pë P· P°PSC,PëPePsP°PiCfP»CfPSC,P°PjPë,
P°PSC,PëP°PiCfPµPiP°PSC,P°PjPë, P°PSC,PëP°CfPëC,PjC-C†PSPëPjPë P·P°CfPsP±P°PjPë
C,P° C-PSC€PëPjPë PiCfPµPiP°CfP°C,P°PjPë, C%Ps PiPsP»C-PiC€CfCfC,CH
PjC-PeCfPsC†PëCfPeCfP»CfC†C-Cf.

PµPµP»CHbPrPsPSC-PN₂ PjPsP¶Pµ PiPsCfPëP»CfPiP°C,Pë PrC-Cf PiCfPµPiP°CfP°C,C-PI, C%Ps
PjC-CfC,CfC,CH PiP»C-C†PµCfPëP»C,CfPëPSC-C,CfP°C,, PSC-C,,PµPrPëPiC-PS, P±PµC,P°-
P°PrCfPµPSPsP±P»PsPeP°C,PsCfPë C,P° C-PSC€C- PiC-PiPsC,PµPSP·PëPiPSC- P·P°CfPsP±Pë C-
PiPµCfPëC,,PµCfPëC†PSC- PiP°P·PsPrPëP»P°C,P°C,PsCfPë.

Pj PiP°C†C-C”PSC,C-PI C-P· C...CfPsPSC-C†PSPScf CfPµCfC†PµPiPsCf

PSPμPrPsCfC,P°C,PSC-CfC,Cf, C%Ps P·P°CfC,PsCfPsPICfCfC,Cf PrP»Cf
P·PjPμPSC€PμPSPSCf PīCfPsCfPIC-PI CfPēPīC,PsPjC-PI PjPμP»CHPrPsPSC-PNē C,P°
P»C-P·PēPSPsPīCfPēP», PIPēCfPIP»PμPSP° PīPsP·PēC,PēPIPSP° PrC-Cf
PePsPjP±C-PSPsPIP°PSPsC— C,PμCfP°PīC-C— (PIP°P·PsPrPēP»P°C,P°C†C-Cf
PiPsP»PsPIPSPēC... P°CfC,PμCfC-PNē, PiPsPeCfP°C%PμPSPSCf PīPμCfPēC,,PμCfPēC†PSPsPiPs
PeCfPsPIPsPsP±C-PīCf C,P° CfPePsCfC,C- P¶PēC,C,Cf, P·PjPμPSC€PμPSPSCf
PīCfPēC...C-C†PSPsPiPs C,P° C,,C-P·PēC†PSPsPiPs CfC,CfPμCfCf).

Pj CfPμP·CfP»CHC,P°C,C- PsPrPSPsC†P°CfPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf
PīCfPμPīP°CfP°C,C-PI P·P°P»C-P·P° C- PjPμP»CHPrPsPSC-Cf Cf PīP°C†C-C”PSC,C-PI P·
P°PSPμPjC-C”Cf, CfPīCfPēC†PēPSPμPSPsC— PrPμC,,C-C†PēC,PsPj P·P°P»C-P·P°,
PīPsP»C-PīC€CfPIP°PICfCf CfPeP»P°Pr P¶PēCfPSPēC... PePēCfP»PsC, PI
PμCfPēC,CfPsC†PēC,P°C....

PμCfPē P·P°CfC,PsCfCfPIP°PSPSC- PjPμP»CHPrPsPSC-Cf PI PePsPjP±C-PSP°C†C-C— P·
PsCfPsC,PsPIPsCf PePēCfP»PsC,PsCf PrP»Cf CfCfCfPSPμPSPSCf PīPsC€PePsPrP¶PμPSCf,
CfPīCfPēC†PēPSPμPSPēC... C-C€PμPjC-C”Cf/CfPμPīPμCfC,,CfP·C-C”Cf,
CfPiPsCfC,PμCfC-PiP°C”C,CHCfCf PrPsPrP°C,PePsPIPēPNē C,,P°CfPjP°PePsP»PsPiC-C†PSPēPNē
PμC,,PμPeC,.

PμPμP»CHPrPsPSC-PNē PrPsPīPsPjP°PiP°C” CfCfCfPSCfC,Pē PīP°C,PsP»PsPiC-C†PSC-
P·PjC-PSPē CfPμCfC†Cf, CfPīCfPēC†PēPSPμPSC- P°P·PēPrPsC,PēPjC-PrPēPSPsPj (PħP—Pŷ),
C,P° PsPīPsCfPμCfPμPrPePsPIP°PSPs PIPīP»PēPIP°C” PSP° CfPμP°PeC†C-C—
PsPePēCfP»CfPIP°P»CHPSPsPiPs CfC,CfPμCfCf, CfPīCfPēC†PēPSPμPSC- PħP—Pŷ, CfPeC-
PīCfPēPIPsPrCfC,Cf PrPs PrPēCfC,,CfPSPeC†C-C— PjC-C,PsC...PsSPPrCfC-PNē.
P—P°CfC,PsCfCfPIP°PSPSCf PjPμP»CHPrPsPSC-Cf PI PePsPjP±C-PSP°C†C-C— P·
P°P·PēPrPsC,PēPjC-PrPēPSPsPj P°P±Ps C-PSC€PēPjPē PīCfPμPīP°CfP°C,P°PjPē PrP»Cf
P»C-PeCfPIP°PSPSCf PŷPκP†P”Cf PjP°C” PīPsP·PēC,PēPIPSPēPNē PIPīP»PēPI PīCfPē
P»C-PeCfPIP°PSPSC- PSP°P±CfC,PsPiPs C-PjCfPSPsPrPμC,,C-C†PēC,Cf (PŷPκP†P”).Pj
C,PμCfC,C- PIC,CfP°C,Pē CfPμC,,P»PμPeCfCf CfC-PIPSsPIP°PiPē, CfPīCfPēC†PēPSPμPSPsC—
PμC,P°PSPsP»PsPj, PjPμP»CHPrPsPSC-PNē P·PjPμPSC€CfPIP°PI C,CfPēPIP°P»C-CfC,CH CfPSCf.
PμC-Pr C†P°Cf CfCfPrPsPj, CfPīCfPēC†PēPSPμPSPēC...
PīPμPSC,PēP»PμPSC,PμC,CfP°P·PsP»PsPj, PICfC,P°PSPsPIP»PμPSP° PIPēCfP°P¶PμPSP°
PīCfPsC,PēCfCfPrPsPjPSP° PrC-Cf PjPμP»CHPrPsPSC-Cf. Pj CfPIPsCf C†PμCfPiCf,
PīCfPē P·P°CfC,PsCfCfPIP°PSPSC- PīPμCfPμPr C,PμCfP°PīC-C”Cf PjPμP»CHPrPsPSC-C”Pj
P°P»CHC,,P°2-P°PrCfPμPSPsP±P»PsPeP°C,PsCfP° PNēPsC...C-PjP±C-PSCf PI PrPsP·C-B 2
PjPi/PePi C,P° C-PSPiC-P±C-C,PsCfP° CfPēPSC,P°P·Pē PsPeCfPēPrCf P°P·PsC,Cf (PŷPħPħ) N-(G)-
PSC-C,CfPs-L-P°CfPiC-PSC-PSCf PI PrPsP·C- 10 PjPi/PePi, PīPsPIPS-CfC,Cf
P±P»PsPeCfC”C,CHCfCf PīCfPsC,PēCfCfPrPsPjPSP° PrC-Cf PjPμP»CHPrPsPSC-Cf.

PμPμCfPμPrPsP·CfPIP°PSPSCf PjPμP»CHPrPsPSC-Cf PjPsP¶Pμ PīPsCfPēP»PēC,Pē
PeP°CfPrC-PsC,PsPeCfPēC†PSC-CfC,CH, CfPīCfPēC†PēPSPμPSCf
C†PēPeP»PsC,,PsCfC,,P°PjC-PrPsPj.

P”PμC,,C-C†PēC, PeP°CfPSC-C,PēPSCf, C%Ps CfC,PIPsCfCfC”C,CHCfCf PīCfPē
P·P°CfC,PsCfCfPIP°PSPSC- PjPμP»CHPrPsPSC-Cf, PjPsP¶Pμ PīPsCfPēP»PēC,Pē
PeP°CfPrC-PsC,PsPeCfPēC†PSC-CfC,CH, CfPīCfPēC†PēPSPμPSCf C-C,,PsCfC,,P°PjC-PrPsPj.

PμPμP»CHPrPsPSC-PNē PjP°C” P·P°C...PēCfPSCf PrC-Cf Cf CfP°P·C-
PeP°CfPrC-PsC,PsPeCfPēC†PSPsCfC,C-, CfPīCfPēC†PēPSPμPSPsC— C-PSPrPēPSP°PIC-CfPsPj,
C- PSPμPNēCfPsC,PsPeCfPēC†PSPsCfC,C-, PIPēPeP»PēPeP°PSPsC— PμC,,P°PIC-CfPμPSP·PsPj.

$$P-PrP^oC, PSC-ClC, CH_3PIPIP \gg PePIP^oC, PePSP^oC \in PIPePrPeC-ClC, CH_3C_7H_5P\mu P^oPeC \dagger C-C-PICT_7Pe$$

$$PeP\mu C_7H_5PIP^oPSPSC-P^oPIC, PsC, C_7H_5P^oPSC \dagger PiPsC_7H_5, PsPjP^oP \pm PsC-PSC \in PePjPe$$

PjPμC...P°PSC-P·PjP°PjPë.

P°PSCÍP»C-PrP¶PμPSCĤ PrP»C¶ PsC†C-PSPePë PIPiP»PëPICr PSP° P·PrP°C,PSC-CÍC,CH PePμCĤCÍPIP°C,Pë C,CĤP°PSCÍPisCĤC,PsPj C,P° PsP±CÍP»CÍPiPsPICrPIP°C,Pë PjPμC...P°PSC-P·PjPë PSPμ PíCĤPsPIPsPrPëP»Pë.

PŸPisCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSC¶ C,P° PrPsP·Pë.

P—P°CÍC,PsCÍPsPICrPIP°C,Pë PICÍPμCĤPμPrPëPSCr PrPs P°P±Ps PíC-CÍP»C¶ C—PrPë. P°P°PíCÍCÍP»CÍ PePsPIC,P°CĤC,CH, P·P°PíPëPIP°CĤC±Pë PIPsPrPsCĤ. Pj P·PIBĤ™ C¶P·PeCÍ P·PjPsP¶P»PëPIPëPj P·P±CÍPrP¶CÍPIP°P»CHPSPëPj PμC„PμPeC,PsPj PíCĤPμPíP°CĤP°C, CĤPμPePsPjPμPSPrCÍC”C,CHCÍC¶ P·P°CÍC,PsCÍPsPICrPIP°C,Pë PI PíPμCĤC€C-PNë PíPsP»PsPIPëPSC- PrPSC¶.

P°PSCĤPsCÍP»C-

PÍPIPSCĤPsP±Pë CÍPμCĤC†C¶ C,P° PeCĤPsPIPsPSPsCÍPSPsC— CÍPëCÍC,PμPjPë, PíPsCĤC¿C€PμPSPSC¶ PjPsP·PePsPIPsPiPs PeCĤPsPIPsPsP±C-PiC¿

P°PsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 500BĤ“1000 PjPi, PjPsP¶PSP° P·P°CÍC,PsCÍPsPICrPIP°C,Pë PICÍCĤ PrPsP·CÍ P·P° PsPrPëPS PíCĤPëPNëPsPj P°P±Ps CĤPsP·PíPsPrC-P»PëC,Pë C—C— PSP° 2 PíCĤPëPNëPsPjPë. P°P°PeCÍPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 1000 PjPi.

PμCĤPë P·PSPëP¶PμPSC-PNë PíCĤP°C†PμP·PrP°C,PSPsCÍC,C-, PíPμCĤPμPSP°PíCĤC¿P¶PμPSPSC-, C¿ PíPμCĤC-PsPr PsPrC¿P¶P°PSPSC¶

P°PsP±PsPIP° PrPsP·P° CÍPeP»P°PrP°C” 500 PjPi. P°P°PeCÍPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° CÍPeP»P°PrP°C”B 500 PjPi.

PŸCĤPëPIP°P»C-CÍC,CH PeCÍCĤCÍCÍ P»C-PeCÍPIP°PSPSC¶ CÍC,P°PSPsPIPëC,CH 4BĤ“6 C,PëP¶PSC-PI. P°CÍCĤCÍ P»C-PeCÍPIP°PSPSC¶ PjPsP¶PSP° PíPsPIC,PsCĤPëC,Pë 2BĤ“3 CĤP°P·Pë PSP° CĤC-Pe.

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

P°P»C¶ PíP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ P· PíPsCĤCÍC€PμPSPSC¶PjPë C„CÍPSPeC†C-PNë PíPμC†C-PSPePë C,P°/P°P±Ps PSPëCĤPsPe PjPsP¶Pμ PIPëPSPëPePSCrC,Pë PSPμPsP±C...C-PrPSC-CÍC,CH CÍ P·PjPμPSC€PμPSPSC- PrPsP·Pë PjPμP»CHPrPsPSC-CĤ.

PμP°C†C-C”PSC,Pë P· PíPsCĤC¿C€PμPSPSC¶PjPë C„C¿PSPeC†C-PNë PSPëCĤPsPe

P°CÍPeC-P»CHPePë PíCĤPμPíP°CĤP°C, PIPëPIPsPrPëC,CHCÍC¶ P· PsCĤPiP°PSC-P·PjCÍ PSPëCĤPeP°PjPë, PíP°C†C-C”PSC,P°Pj P· PíPsCĤCÍC€PμPSPSC¶PjPë C„CÍPSPeC†C-C— PSPëCĤPsPe PIC-Pr P»PμPiPePsPiPs PrPs CÍPμCĤPμPrPSCĤPsPiPs CÍC,CÍPíPμPSC¶ C,C¶P¶PePsCÍC,C- CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PjPμPSC€CÍ PrPsP·CÍ PjPμP»CHPrPsPSC-CĤ.

PμP°C†C-C”PSC,Pë P· PíPsCĤC¿C€PμPSPSC¶PjPë C„C¿PSPeC†C-PNë PíPμC†C-PSPePë

PμP°C†C-C”PSC,P°Pj P· PíPsCĤCÍC€PμPSPSC¶PjPë C„CÍPSPeC†C-PNë PíPμC†C-PSPePë PIC-Pr

P»PµPiPePsPiPs PrPs CÍPµCĤPµPrPSCĤPsPiPs CÍC,CÍPµPµPSCĤ C,CĤPµPePsCÍC,C- CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PjPµPSC€CÍ PrPsP·CÍ PjPµP»CĤPrPsPSC-CĤ.

P”C-C,Pë.

P’C-PrCÍCÍC,PSC- PrP°PSC- PíCĤPs P±PµP·PíPµPeCÍ C,P° PµC,,PµPeC,PëPIPSC-CÍC,CĤ P·P°CÍC,PsCÍCÍPIP°PSPSCĤ PjPµP»CĤPrPsPSC-CĤ PrC-C,CĤPj (PIC-PePsPj PrPs 18 CĤPsPeC-PI), C,PsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSCĤ PjPµP»CĤPrPsPSC-CĤ C†C-PNë PeP°C,PµPiPsCĤC-C— PíP°C†C-C”PSC,C-PI PíCĤPsC,PëPíPsPeP°P·P°PSPµ.

PµPµCĤPµPrPsP·C¿PIP°PSPSCĤ.B

PkPµ PíPsPIC-PrPsPjP»CĤP»PsCÍCĤ PíCĤPs PIPëPíP°PrPePë PíPµCĤPµPrPsP·CÍPIP°PSPSCĤ PjPµP»CĤPrPsPSC-CĤ. PµCĤPµPíP°CĤP°C, PjP°P»PsC,PsPeCÍPëC†PSPëPNë C,P° PSPµ CÍPíCĤPëC†PëPSCĤC” P·P°PíCĤPsP·P»PëPIPëC... PíPsP±C-C†PSPëC... PµC,,PµPeC,C-PI.

PµCĤPë P·PSPëPµPSPsPjCÍ P°CĤC,PµCĤC-P°P»CĤPSPsPjCÍ C,PëCÍPeCÍ PjPsPµP»PëPIC- PíPsP»PsPIPSC- P±PsP»C-, P·P°PíP°PjPsCĤPsC†PµPSPSCĤ, C,P°C...C-PeP°CĤPrC-CĤ, P·P°PíP°P»CĤPSP° CÍP»P°P±PeC-CÍC,CĤ. P>C-PeCÍPIP°PSPSCĤ CÍPëPjPíC,PsPjP°C,PëC†PSPµ.

Pj CĤP°P·C- C,CĤPµPePsPiPs PíPµCĤPµPrPsP·CÍPIP°PSPSCĤ PSPµPsP±C...C-PrPSPs PePsPSC,CĤPsP»CĤPIP°C,Pë C,,CÍPSPeC†C-C— PíPµC†C-PSPePë C,P° PSPëCĤPsPe.

P”PµPjPsPrC-P°P»C-P· PSPµ PjP°C” CÍCÍC,C,C”PíPsPiPs P·PSP°C†PµPSPSCĤ PíCĤPë PíPµCĤPµPrPsP·CÍPIP°PSPSC- PjPµP»CĤPrPsPSC-CĤ CÍ P·PíBĤ™ CĤP·PeCÍ P· PIPëCĤP°PµPSPëPj P·PíBĤ™ CĤP·CÍPIP°PSPSCĤPj P· P±C-P»PeP°PjPë PeCĤPsPIC-.

PµPsP±C-C†PSC- CĤPµP°PeC†C-C—.

PµPsP±C-C†PSC- PµC,,PµPeC,Pë PeP»P°CÍPëC,,C-PePsPIP°PSPs P·P° CÍPëCÍC,PµPjP°PjPë PsCĤPíP°PSC-PI C,P° C†P°CÍC,PsC,PsCĤ PIPëPSPëPePSPµPSPSCĤ P·PiC-PrPSPs P· MedDRA: C†P°CÍC,Ps (≥ 1/100 PrPs < 1/10), CĤC-PrPePs (≥ 1/10000 PrPs < 1/1000).

PµPsP±C-C†PSC- PµC,,PµPeC,Pë, CĤPeC- CÍPíPsCÍC,PµCĤC-PíP°P»PëCÍCĤ PI PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrPµPµPSPSCĤC... C,P° CÍ PíPsCÍC,CĤPµC”CÍC,CĤP°C†C-PNëPSPëPNë PíPµCĤC-PsPr:

P— P±PsPeCÍ C-PjCÍPSPSPsC— CÍPëCÍC,PµPjPë	
P\$P°CÍC,Ps P C-PrPePs	PĤP»PµCĤPiC-C†PSC- CĤPµP°PeC†C-C— PµC-PrPIPëC%oPµPSP° C†CÍC,P»PëPIC-CÍC,CĤ, PIPeP»CĤC†P°CĤC†Pë P°P»PµCĤPiC-C†PSPëPNë PrPµCĤPjP°C,PëC,, PeCĤPsPíPëPíBĤ™ CĤPSPeP°, P°PSPiC-PsPSPµPICĤPsC,PëC†PSPëPNë PSP°P±CĤCĤPe, P°PSP°C,,C-P»P°PeC,PëC†PSC- CĤPµP°PeC†C-C—
P— P±PsPeCÍ PíCÍPëC...C-PePë	
P C-PrPePs	P—P±CÍPrPµPµPSPSCĤ, PíPsC†CÍC,C,CĤ CÍC,CĤP°C...CÍ, PSP°PíCĤP·P»PëPIC- PrCÍPjPePë, PíPsCĤCÍC€PµPSPSCĤ CÍPSCÍ
P— P±PsPeCÍ PSPµCĤPIPSPsC— CÍPëCÍC,PµPjPë	

$P\mathbb{S}P^{\circ}C\dot{I}C,Ps$ $P\ C-PrPePs$	$P''PsP\gg PsPIPSC- P\pm PsP\gg C- *$ $P_{\mu}P^{\circ}C\mathbb{H}P_{\mu}C\dot{I}C, P_{\mu}P\cdot C-C-, C, C\mathbb{H}P_{\mu}PjPsC\mathbb{H}, PiC-PiP_{\mu}C\dot{I}C, P_{\mu}P\cdot C-C\mathbb{H}, C\mathbb{E}C\dot{r}Pj\ C\dot{r}$ $PIC\dot{r}C...P^{\circ}C..., PIP_{\mu}C\mathbb{H}C, P\ddot{e}PiPs, P\cdot P^{\circ}PiP^{\circ}PjPsC\mathbb{H}PsC\ddagger P_{\mu}PSPSC\mathbb{H},$ $PiPsC\mathbb{H}C\dot{r}C\mathbb{E}P_{\mu}PSPSC\mathbb{H}\ C...PsPrP\ddot{e}, PiP_{\mu}C\mathbb{H}P_{\mu}PrPSP_{\mu}PiC\mathbb{H}P\ddot{e}C, PsPjPSP\ddot{e}PN_{\mathbb{E}}$ $C\dot{I}C, P^{\circ}PS, PSP_{\mu}PiC\mathbb{H}P\ddot{e}C, PsPjPSC-C\dot{I}C, CH$
$P- P\pm PsPeC\dot{r}\ C\dot{I}P_{\mu}C\mathbb{H}C\ddagger C\mathbb{H}$	
$P\ C-PrPePs$	$P-PjC-PSP^{\circ}\ C\mathbb{H}P\ddot{e}C, PjC\dot{r}\ C\dot{I}P_{\mu}C\mathbb{H}C\ddagger C\mathbb{H}, C\dot{I}P_{\mu}C\mathbb{H}C\ddagger P_{\mu}P\pm P\ddot{e}C, C, C\mathbb{H},$ $C, P^{\circ}C...C-PeP^{\circ}C\mathbb{H}PrC-C\mathbb{H}/C\dot{I}P\ddot{e}PSC\dot{r}C\dot{I}PsPIP^{\circ}\ C, P^{\circ}C...C-PeP^{\circ}C\mathbb{H}PrC-C\mathbb{H},$ $C,, C-P\pm C\mathbb{H}P\ddot{e}P\gg C\mathbb{H}C\ddagger C-C\mathbb{H}\ PiP_{\mu}C\mathbb{H}P_{\mu}PrC\dot{I}P_{\mu}C\mathbb{H}PrCH, P^{\circ}C\mathbb{H}P\ddot{e}C, PjC-C\mathbb{H},$ $PIC-PrC\ddagger C\dot{r}C, C, C\mathbb{H}\ PrP\ddot{e}C\dot{I}PePsPjC,, PsC\mathbb{H}C, C\dot{r}\ PI\ PiC\mathbb{H}C\dot{r}PrC\mathbb{H}C.../P\pm PsP\gg C- C\dot{r}$ $PiC\mathbb{H}C\dot{r}PrC\mathbb{H}C...$
$P- P\pm PsPeC\dot{r}\ PeC\mathbb{H}PsPIPsPSPSC\dot{I}PSPSc- C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	
$P\ C-PrPePs$	$P_{\mu}C-PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\mathbb{H}\ /P\cdot PSP\ddot{e}P\mathbb{H}P_{\mu}PSPSC\mathbb{H}\ P^{\circ}C\mathbb{H}C, P_{\mu}C\mathbb{H}C-P^{\circ}P\gg CHPsPsPiPs$ $C, P\ddot{e}C\dot{I}PeC\dot{r}, PiC-PiP_{\mu}C\mathbb{H}C, P_{\mu}PSP\cdot P\ddot{e}PIPSP\ddot{e}PN_{\mathbb{E}}\ PeC\mathbb{H}P\ddot{e}P\cdot, PiC-PiP_{\mu}C\mathbb{H}P_{\mu}PjC-C\mathbb{H},$ $P\pm P\gg C-PrC-C\dot{I}C, CH\ C\mathbb{E}PeC-C\mathbb{H}PSP\ddot{e}C... PiPsPeC\mathbb{H}P\ddot{e}PIC-PI$
$P- P\pm PsPeC\dot{r}\ PsC\mathbb{H}PiP^{\circ}PSC-PI\ PrP\ddot{e}C...P^{\circ}PSPSC\mathbb{H}, PiC\mathbb{H}C\dot{r}PrPSPSc- PeP\gg C-C, PeP\ddot{e}\ C, P^{\circ}$ $C\dot{I}P_{\mu}C\mathbb{H}P_{\mu}PrPsC\dot{I}C, C-PSPSC\mathbb{H}$	
$P\ C-PrPePs$	$P-P^{\circ}PiP^{\circ}P\gg P_{\mu}PSPSC\mathbb{H}\ C\dot{r}\ PiPsC\mathbb{H}P\gg C-, PeP^{\circ}C\mathbb{E}P_{\mu}P\gg CH, PrP\ddot{e}C\dot{I}PiPSPsP_{\mu},$ $P^{\circ}PiPSPsP_{\mu}$
$P- P\pm PsPeC\dot{r}\ C\mathbb{E}P\gg C\dot{r}PSPePsPIPs-PeP\ddot{e}C\mathbb{E}PePsPIPsPiPs\ C, C\mathbb{H}P^{\circ}PeC, C\dot{r}$	
$P\mathbb{S}P^{\circ}C\dot{I}C,Ps$ $P\ C-PrPePs$	$P''P\ddot{e}C\dot{I}PiP_{\mu}PiC\dot{I}C-C\mathbb{H}\ *$ $P''P\ddot{e}C\dot{I}PiP_{\mu}PIP\cdot C-C\mathbb{H}\ (PjP_{\mu}C, P^{\circ}P\gg P_{\mu}PIP\ddot{e}PN_{\mathbb{E}}\ C\dot{I}PjP^{\circ}Pe\ C\dot{r}\ C\mathbb{H}PsC, C-),$ $PIC, C\mathbb{H}P^{\circ}C, P^{\circ}\ P^{\circ}PiP_{\mu}C, P\ddot{e}C, C\dot{r}, PSC\dot{r}PrPsC, P^{\circ}, P\pm P\gg CHPIP^{\circ}PSPSC\mathbb{H},$ $PjP_{\mu}C, P_{\mu}PsC\mathbb{H}P\ddot{e}P\cdot Pj, PrC-P^{\circ}C\mathbb{H}P_{\mu}C\mathbb{H}, P\pm PsP\gg C- PI\ P\mathbb{H}P\ddot{e}PIPsC, C-$
$P- P\pm PsPeC\dot{r}\ C\mathbb{E}PeC-C\mathbb{H}P\ddot{e}\ C, P^{\circ}\ PiC-PrC\mathbb{E}PeC-C\mathbb{H}PSPSc- C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e}$	
$P\ C-PrPePs$	$P'P\ddot{e}C\dot{I}P\ddot{e}PiP^{\circ}PSPSC\mathbb{H},$ $P\cdot P^{\circ}PiP^{\circ}P\gg CHPsP\cdot PSC-/PiP^{\circ}PiC\dot{r}P\gg CHPsP\cdot PSC-$ $PIP\ddot{e}C\dot{I}P\ddot{e}PiP\ddot{e}, C\dot{I}PIP_{\mu}C\mathbb{H}P\pm C-P\mathbb{H}$
$P- P\pm PsPeC\dot{r}\ C\dot{I}PeP_{\mu}P\gg P_{\mu}C, PSPs\cdot Pj\mathbb{H}^{\text{TM}}\ C\mathbb{H}P\cdot PsPIPsC- C, P^{\circ}\ C\dot{I}C\dot{r}PiC\dot{r}C, PSC\mathbb{H}PsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	
$P\ C-PrPePs$	$P'PsP\gg C- C\dot{r}\ C\dot{I}PiP\ddot{e}PSC-, Pj\mathbb{H}^{\text{TM}}\ C\mathbb{H}P\cdot PsPIP^{\circ}\ C\dot{I}P\gg P^{\circ}P\pm PeC-C\dot{I}C, CH,$ $Pj\mathbb{H}^{\text{TM}}\ C\mathbb{H}P\cdot PsPIC- C\dot{I}PiP^{\circ}P\cdot PjP\ddot{e}$
$P- P\pm PsPeC\dot{r}\ PSP\ddot{e}C\mathbb{H}PsPe\ C, P^{\circ}\ C\dot{I}P_{\mu}C\ddagger PsPIP\ddot{e}PIC-PrPSPSc- C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}PjP\ddot{e}$	
$P\ C-PrPePs$	$P_{\mu}PsP\gg P^{\circ}PeC-C\dot{r}C\mathbb{H}C-C\mathbb{H}$
$P-P^{\circ}PiP^{\circ}P\gg CHPsC- PiPsC\mathbb{H}C\dot{r}C\mathbb{E}P_{\mu}PSPSC\mathbb{H}\ C- C\mathbb{H}P_{\mu}P^{\circ}PeC\ddagger C-C- C\dot{r}\ PjC-C\dot{I}C\ddagger C-$ $PIPIP_{\mu}PrP_{\mu}PSPSC\mathbb{H}$	
$P\ C-PrPePs$	$P-P^{\circ}PiP^{\circ}P\gg CHPsP^{\circ}\ C\dot{I}P\gg P^{\circ}P\pm PeC-C\dot{I}C, CH, PsP\cdot PSPsP\pm, P^{\circ}C\dot{I}C, P_{\mu}PSC-C\mathbb{H},$ $PSP^{\circ}P\pm C\mathbb{H}C\mathbb{H}Pe, PSP^{\circ}P\pm C\mathbb{H}C\mathbb{H}Pe\ PsP\pm P\gg P\ddot{e}C\ddagger C\mathbb{H}, PSP^{\circ}P\pm C\mathbb{H}C\mathbb{H}Pe\ PSC-Pi,$ $PIC-PrC\ddagger C\dot{r}C, C, C\mathbb{H}\ P\mathbb{H}P^{\circ}C\mathbb{H}C\dot{r}, PIC-PrC\ddagger C\dot{r}C, C, C\mathbb{H}\ C...PsP\gg PsPrC\dot{r},$ $C...PsP\gg PsPrPSP\ddot{e}PN_{\mathbb{E}}\ PiC-C,$
$P''PsC\dot{I}P\gg C-PrP\mathbb{H}P_{\mu}PSPSC\mathbb{H}$	
$P\ C-PrPePs$	$P'C-PrC...P\ddot{e}P\gg P_{\mu}PSPSC\mathbb{H}\ PI\ P_{\mu}P\gg P_{\mu}PeC, C\mathbb{H}PsPeP^{\circ}C\mathbb{H}PrC-PsPiC\mathbb{H}P^{\circ}PjC- (P\cdot P_{\text{B}}P''),$ $PiC\mathbb{H}P\ddot{e}C\dot{I}PePsC\mathbb{H}P_{\mu}PSPSC\mathbb{H}\ C\mathbb{H}PsP\pm PsC, P\ddot{e}\ C\dot{I}P_{\mu}C\mathbb{H}C\ddagger C\mathbb{H},$ $P_{\mu}PsP\cdot P\ddot{e}PSPSc,, C-P\gg C-C\mathbb{H}\ *$

* $P_{\mu}PsP\pm C-C\ddagger PSC- P_{\mu}C,, P_{\mu}PeC, P\ddot{e}, C\mathbb{H}PeC- C\dot{I}PiPsC\dot{I}C, P_{\mu}C\mathbb{H}C-PiP^{\circ}P\gg P\ddot{e}C\dot{I}C\mathbb{H}\ C\dot{r}\ C\mathbb{H}P^{\circ}PSC-C\mathbb{E}P_{\mu}$
 $PiC\mathbb{H}PsPIP_{\mu}PrP_{\mu}PSP\ddot{e}C... PSP_{\mu}PePsPSC, C\mathbb{H}PsP\gg CHPsPIP^{\circ}PSP\ddot{e}C... PeP\gg C-PSC-C\ddagger PSP\ddot{e}C...$
 $PIP\ddot{e}PiC\mathbb{H}PsP\pm C\dot{r}PIP^{\circ}PSPSC\mathbb{H}C....$

$Pj\ P\cdot Pi\mathbb{H}^{\text{TM}}\ C\mathbb{H}P\cdot PeC\dot{r}\ P\cdot B\ P\cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\mathbb{H}Pj\ PjP_{\mu}P\gg CHPrPsPSC-CH$
 $PiPsPIC-PrPsPjP\gg C\mathbb{H}P\gg PsC\dot{I}CH\ PiC\mathbb{H}Ps\ P\pm PsP\gg C- C\dot{r}\ PIP_{\mu}C\mathbb{H}C...PSC-PN_{\mathbb{E}}\ C\ddagger P^{\circ}C\dot{I}C, P\ddot{e}PSC-$
 $P\mathbb{H}P\ddot{e}PIPsC, P^{\circ}\ C, P^{\circ}\ PjC-PiC\mathbb{H}P_{\mu}PSC-$

PŷPµCĤPjC-PS PīCĤPēPrP°C,PSPsCÍC,C-. 4 CĤPsPePē.

PķPµ P·P°CÍC,PsCÍPsPICrPIP°C,Pē PīC-CÍP»CĻ P·P°PeC-PSC†PµPSPSCĻ C,PµCĤPjC-PSCr PīCĤPēPrP°C,PSPsCÍC,C-, P·P°P·PSP°C†PµPSPsPiPs PSP° CŕPīP°PePsPIC†C-.

PJPjPsPIPē P·P±PµCĤC-PiP°PSPSCĻ.

P—P±PµCĤC-PiP°C,Pē PīCĤPē C,PµPjPīPµCĤP°C,CŕCĤC- PSPµ PIPēC‰Pµ 25 B°C.

P—P±PµCĤC-PiP°C,Pē PI PsCĤPēPiC-PSP°P»CHbPSC-PNē CŕPīP°PePsPIC†C- PrP»CĻ P·P°C...PēCÍC,Cŕ PIC-Pr PIPsP»PsPiPē.

P—P±PµCĤC-PiP°C,Pē PI PSPµPrPsCÍC,CŕPīPSPsPjCŕ PrP»CĻ PrC-C,PµPNē PjC-CÍC†C-.

PJPīP°PePsPIPēP°.

PµPs 10 PeP°PīCÍCŕP» Cŕ P±P»C-CÍC,PµCĤC-; PīPs 2, 6 P°P±Ps 9 P±P»C-CÍC,PµCĤC-PI PI PīP°C†C†C- C-P· PeP°CĤC,PsPSCŕ.

PľP°C,PµPiPsCĤC-CĻ PIC-PrPīCŕCÍPeCŕ.

P—P° CĤPµC†PµPīC,PsPj.

P'PēCĤPsP±PSPēPe.

PķPŷ B«P“CĤC-PSPŕPµPeCÍB», P>P°C,PIC-CĻ.

PĥC-CÍC†PµP·PSP°C...PsPrP¶PµPSPSCĻ PIPēCĤPsP±PSPēPeP° C,P° PNēPsPiPs P°PrCĤPµCÍP° PjC-CÍC†CĻ PīCĤPsPIP°PrP¶PµPSPSCĻ PrC-CĻP»CHbPSPsCÍC,C-.

P'CŕP». PľCĤCŕCÍC,PīC-P»CÍ, 53, P PēPiP°, LV-1057, P>P°C,PIC-CĻ.

PŷPµP»./C„P°PeCÍ: 371 67083205 / 371B 67083505

P·P»PµPeC,CĤPsPSPSP° PīPsC€C,P°: grindeks@grindeks.lv