



# MUSC2602

A UHYfjU`g`UbX`Ghfi Wñ fYg`cZA i gJW'

HYfa `C.bY` `##`&\$%-



7 ci fgY`Cj Yfj JYk

`GHUZZ`7 cbhUW`i8YHUJ`g`

`7 cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]jm	@cWUjcb	D\cbY
>c\b`DYHfgcb	^dYHfgcb4 i bgk "YXi "Ui	Hi YgXUm %\$\$\$da !&"\$\$\$da / K YXbYgXUm %&"\$\$\$da !%\$\$\$da	C ZjW`%\$) ž F cVYfh K YVghYf 6i ]X]b[	- ' , ) ` ( , +\$

`@YWi fYfg`

B Ua Y	9a Uj`	5j Uj`UVj]jm	@cWUjcb	D\cbY
>c\b`DYHfgcb	^dYHfgcb4 i bgk "YXi "Ui	Hi YgXUm %\$\$\$da !&"\$\$\$da / K YXbYgXUm %&"\$\$\$da !%\$\$\$da	C ZjW`%\$) ž F cVYfh K YVghYf 6i ]X]b[	- ' , ) ` ( , +\$

`Hi hcfg`

B Ua Y	9a Uj`	5j Uj`UVj]jm	@cWUjcb	D\cbY
<Uff]gcb`7c`]bg	\`W`]]bg4 i bgk "YXi "Ui	<Uff]gcb`g\ci `X`VY W`bhUW`X`j ]U`Ya U]"		

GW`cc`7 cbhUW`i`bZcfa Uh]cb

F cca ` " %&ž`Yj Y`" `F cVYfhK YVghYf`6i ]X]b[

D\cbY. `f\$&Ł`- ' , ) ` ( , ) \*

9a Uj]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [\`hdg. #gUa "Uff\]i bgk "YXi "Ui](#)

H\Y`GW`cc`cZH\Y`5fng`UbX`A`YX]U`k`ci`X`\_]`Y`h`c`F`YgdYW`Z`m`5W`bck`YX[`Y`h\Y`HfUX]h]cbU`7`i`g`h`c`X]U`bg`ž`h`Y`6YXY[`U`f`P`Y`bg]b[`h`c`b`W`a`di`g`Ł`ž`UX][`U`f`7`]m`UbX`5`f`i`8`Y`g][`b`7`U`a`di`g`Y`g`Ł`U`b`X`h`Y`B`[`i`b`b`U`k`U`d`Y`c`d`Y`f`b`i`g`h`f`U`]U`b`8`Y`Z`b`V`W`:`c`f`W`5`W`U`X`Y`a`m]b`7`U`b`V`Y`f`f`U`Ł`c`Z`h`Y`U`b`X`g`k`Y`f`Y`U`W`W`a`di`g`c`Z`I`B`G`K`]`g`c`W`U`h`Y`X`"

7ci fgY'8YHJ]`g

7fYX]hDc]bhr`\*`

Gi a a UfmicZ\hY'7ci fgY

Gi VYWh5fYU.'? ge[U

H\]g`WcfY`Wci fgY`YI hYbXg`hY`gh XYbhr`\_bck`YX[ Y`cZ\hY`a UHf]U`g`z`ghfi W\ fYg`z`UbX`dfcW`ggYg`cZ`rcbU`  
a i g]WVYmcbX`hY`Zci bXU]cbU`Y`j`Y`j`]U`hY`gh`XmUbX`Udd`]W]h]cb`cZ`Ufa`cb]WUbX`a`Y`cX]WdfUW]W`g`]b`  
dcgh% ) \$`Ufia`i`g]W]Wca`dcg]h]cbz`Ug`k`Y`Ug`c`hY`f`gmYg`]b`W`X]b[ `dcdi`Uf`a`i`g]WUbX`U`nn`Gh`XYbhr`k`]`  
XYj`Y`cd`hY`W`b]W`\_bck`YX[ Y`UbX`g\_]`]b`hY`UbU`mg]g`UbX`Udd`]W]h]cb`cZ`Uddfcdf]U`hY`a`Y`cX]WUbX`  
\Ufa`cb]WY`UVcfU]h]cbz`j`c]W]!`YUX]b[ z`UbX`a`i`g]W`Z`cfa`"9I`YfW]gYg`]b`UXj`UbW`X`Wca`dcg]h]cbU`W`U`Z`h`  
dfcj`]XY`hY`gh`XYbhr`]h`hY`cddcfi`b]m]hc`XYa`cbgfh]U`hY`f`]b`]h]U]h]j`Y`UbX`W`Y`U]h]j`]m]k`]h`]b`gY`Y`W`Y`X`g`m]Yg`  
cZa`i`g]W`H`hY`Wci fgY`XYj`Y`cdg`WcfY`g\_]`g`]b`a`i`g]W]Ubg\]d`UbX`hY`UV`]m]hc`Udd`m]hYgY`]b`c`hY`f`UfY`Ug`cZ`  
a`i`g]W`d`f`U`W]W`UbX`fYgY`UfW`"

7ci fgY`@YUfb]b[ `Ci hWca Yg

%`a`UghYf`\_bck`YX[ Y`cZ\hY`a UHf]U`g`z`ghfi W\ fYg`z`UbX`dfcW`ggYg`cZ`W`fca`U]h]W`rcbU`a`i`g]WUhUb`  
UXj`UbW`X`Y`j`Y`"  
&`UbU`mgY`W`fca`U]h]Wa`Y`cXmUbX`\Ufa`cbm]b`dcgh% ) \$`a`i`g]W]`gm]Yg`z`]b`W`X]b[ `dcdi`Uf`a`i`g]WUbX`  
U`nn`"  
'`" `Udd`m]hY`f`\_bck`YX[ Y`UbX`g\_]`g`]b`hY`i`gY`cZ`W`fca`U]h]Wa`Y`cXmUbX`\Ufa`cbm]hc`hY`]XYbhr]Z]W]h]cb`  
UbX`W`cb`hY`h`U]g]U]h]cb`cZ`Y`m]dcgh% ) \$`a`i`g]W]`k`cf`g`"  
(`" `Udd`m]hY`f`XYj`Y`cd]b[ `a`i`g]W]`\_bck`YX[ Y`UbX`g\_]`hc`a`i`g]Wa`U\_]b[ z`k`hY`f`]hVY`dYfZ`cfa`]b[ `cf`  
Wca`dcg]b[ "`  
)`" XYa`cbgfh]U`hY`WcfY`g\_]`g`]b`a`i`g]W]Ubg\]d`z`]b`d`Uf]h]W`Uf`za`i`g]W`]hY`fU`W`z`g`WcfY`fYUX]b[ z`UbX`hY`  
dYfZ`cfa`UbW`cZ`UXj`UbW`X`W`fca`U]h]W`Ufa`cb]Wdf]b]W`d`Yg`"

HYUW\]b[ `GhfU]h[ ]Yg`

6A`i`g`UbX`65`fA`i`g]W]Gh`X]Yg`UbX`A`i`g]W]Gh`X]Yg`9I`hYbg]cbE`gh`XYbhr`U`hY`bX`U`k`YY`\_mcbY!\ci`f`Y`W`h`fY`  
cb`a`i`g]W]hY`c`fm]UbX`\Ufa`cbm]U`k`YY`\_mcbY!\ci`f`h`hc`f]U`cb`Ui`fU`UbX`YUf]h]U]b]b[ `g\_]`g`z`UbX`U`k`YY`\_m`  
cbY!\ci`f`U`VcfU`hc`fm]cb`W`cfU`g]b[ ]b[ `g\_]`g`"

@Y`W`h`fYg`]bj`c`j`Y`W`Ugg`YI`YfW]gYg`]b`a`i`g]W]hY`c`fm]UbX`\Ufa`cb]WUbU`mg]g`]b`j`Uf]ci`g`Wca`dcg]h]cbU`  
W`cb`hY`h`g`UbX`UfY`Ui`[`a`Yb`hY`X`k`]h`gci`bX`fY`W`fX]b[ `g`z`dck`Y`f`dc]b]h]d`fYg`Y`b]h]h]cbg`z`UbX`W`Ugg`ei`]nnYg`"5i`fU`  
h`hc`f]U`g`]bj`c`j`Y`W`Ugg`U`W]j`]h]Y`g`z`]b`hY`bg]j`Y`X`f`]g`z`UbX`YI`YfW]gYg`]b`hY`UbU`mg]g`cZ`gY`Y`W`Y`X`a`i`g]W]`  
YI`Ua`d`Yg`XYg][`bYX`hc`XYj`Y`cd`UXj`UbW`X`Ui`fU`d`Y`f`W`d]h]cb";`fci`d`g]b[ ]b[ ]b`hY`7`c]f`@U`VcfU`hc`fm`  
dfYg`Y`bhr`cddcfi`b]h]Yg`Z`c`f`hY`dfU`W]W]Udd`]W]h]cb`cZ`Ui`fU`g\_]`g`]b`U`d`YfZ`cfa`UbW`UbX`Wca`dcg]h]cbU`  
W`cb`hY`h`"

## 5ggYgga Ybh

- D@95G9`BCH9. ]b'cfXYf'tc'fYW]j Y'U'D5GG'a Uf\_'Zc'f'h.]g'Wci fgYžghi XYbtg'a i gha U\_Y'U'gYf]ci g UhhYa dh


%!7`Ugg`HYgh%`\\Y`X`]b`bcfa U`@YWf fY`hja Y`cb`%&`A UfW`UbX`%( `A UfW`fK YY\_`( `k`cfh`%) i `cZhY`  
hcH`a Uf\_`Zcf`hY`Wti fgY"

&`!7`Ugg`HYgh&.`\\Y`X`]b`bcfa U`@YWf fY`hja Y`cb`%\*`5df]`UbX`%`5df]`fK YY\_-`k`cfh`%) i `cZhY`hcH`  
a Uf\_`Zcf`hY`Wti fgY"

'`"7`ca`dcg]`hcb`5gg][`ba`Ybh`U`g`cfh`Wta`dcg]`hcb`]b`U`W`cgYb`ghmY`g`ci`X`VY`gi`Va`]hYX`Vm( "\$\$da`:`f]XUm  
&`\*`5df]`fYbX`cZK`YY\_`%\$k`cfh`" \$i `cZhY`hcH`a Uf\_`Zcf`hY`Wti fgY": i`fhYf`XYHJ]`g`cb`Wta`d`Y`hcb`UbX`  
gi`Va`]gg]`cb`cZhY`Ugg][`ba`Ybhk`]`VY`a`UXY`Uj`U]`UV`Y`cb`A`ccX`Y"

5ggYgga`Ybh&.`5i`fU`K`cf\_g`cd`fHi`hc]U`k

GHUfhXUH. `Bch5dd`]WVY

8YHJ]`g.

: i fñYf`j bZcfa Uhcb`cb`hY`A i gjW@jñfUñ fy`gY`Z X]fYWñX`gh Xm]g`Uj U]`UV`Y`cb`A ccX`Y"

# 5 hYbXUbW'F Yei ]fYa Ybhg

5 hYbXUbW'cZ@YWi fYgZHi hc f]U'g'UbX'Gfi X]cg:]g'a UbXUhc fm]b'h ]g'Wci fgY"l bYI W gYX'UVgYbW'Zfca  
a cfY'h\Ub'&\$i 'cZWUggYg'k ]'fYgi 'h]b'h\Y'Uk UfX'cZU': U]'; fUXY"

@97 HI F 9. ]b''YWi fYg'mci 'k ]''UW]j Y'mYb[ U[ Y'k ]h'WcfY'Wci fgY'WcbYbhkUhk ]''\Y'd'mci 'hc'Uht]ba YbhU  
a UghYfmcZ'hY'a UhYf]U'gZghfi Wi fYgZUbX'dfcW'gYh'cZWfca UhW'rcbU'a i g]WUhUb'UXj UbWX''Yj Y''f7 @C  
%Z'UbX'hc'UbU'mgY'Wfca Uh]W\Ufa cbmUbX'a Y'cXm]b'dcgH% ) \$'a i g]W'gmYgZ]bWl X]b[ 'dcdi 'Uf'a i g]W

\*

%


		<p>%&amp;"\$da !%" \$da ]b'K YVghYf'; % "</p> <p>7 cbHYbh' bhYfj U'fYV[ b]h]cb. f@Yj Y''%+L'U''g]a d'Y UbX'Wta dci bX']bHYfj U'g"</p> <p>7 \cfX'fYV[ b]h]cb. f@Yj Y''+L'X]a ]b]g\YXž Ui [ a YbhYX"</p> <p>F YdYfrc]fY. &gt;Unn. '7 ci bh6Ug]Yfj? UbgUg'7 ]mGYj Yb '@YghYf'@YUdg' b''/7\]W'K YVV'UbX'\]g'c fWYghfUž k ]h'9''U: ]m[ YfU'X'5!H]g_Yhž5!HUg_YH/H]a &lt;cd_]bg'H\Y: UW'cZ@cj Y'fZca 'Gba' ? k 5S_ WŁ</p> <p>Gi [ [ YghYX F YUX]b[ . 'G]b[ ]b[ 'F \ntla . '6Ybk UfXžI b]h*ž grbWŁdU]cb'fd", %d, &amp;L"</p>
	Gh X]c	<p>5i fU''7 \c]f.: f]XUm\$%A UfW'Uh- "\$\$Ua !%\$" \$Ua ž ]b'K YVghYf'H\YUfYHY'' ' ( 'fYj Y'' L"</p> <p>5''gh XYbhg'a i ghUHYbX"</p>
K YY_'' .:( 'A UfW' !%\$ A UfW	@YWh fY	<p>&lt; Ufa cbm@YWh fY. 'Hi YgXUm\$) 'A UfWž&amp;"\$da hc'' "" \$da ]b'K YVghYf'; %+/UbX'H\i fgXUm \$+ 'A UfWž%%"\$Ua 'hc'%" "\$da ]b'K YVghYf'; %+"</p> <p>7 cbHYbh'7 \fca U]W&lt; Ufa cbm'BYUdc']hUb'G]i h\ W\cfXgž5i [ a YbhYX'G]i h\ W\cfXg/UbU'nt]WU' YI YfW]gYg" F Yj ]g]cb'Zcf'HYgh]b'K YY_(' "</p> <p>Gi [ [ YghYX'F YUX]b[ . '7 'YbX]bb]b[ / K YghHYI hVcc_ W\YW_ 'hY' bXYI 'Zcf'dU[ Yg'fY'U]b[ hc'hY' [ ]j Yb'hd]Wg"</p>
	Hi hc]U'	<p>5i fU''Hi hc]U'. 'K YXbYgXUm\$* 'A UfW'Uh - "\$\$Ua !%\$" \$Ua ž%"\$ \$Ua !%&amp;"\$da ž %&amp;"\$da !%" \$da ]b'K YVghYf'; % "</p> <p>7 cbHYbh'G]b[ ]b[ .: c`_Gcb[ žFZWFi a E[efWde-Di fW''ž3` A \ 7b[fSbžž</p> <p>F \ntla . '6Ybk UfXžI b]h%ž'a ]i YX'a YHYfg fd"%) %d%) &amp;L"</p> <p>F YdYfrc]fY. 'J cWU''% <a href="#">GWLi VYfh</a> %o</p>



		]b`K YVghYf" ' ("
		5`gh XYbhg'a i ghUthYbX"
K YY_( : %%A UfW ! :%+ A UfW	@YWh fy	< Ufa cbm@YWh fy. 'Hi YgXUm%&'A UfW ž &"\$da hc" "" \$da ]b`K YVghYf; %+/UbX`H\i fgXUm %( 'A UfW ž %%"\$Ua `hc`%&" \$da ]b`K YVghYf; %+"  7 cbhYbh`#17`Ugg`HYghf( ) `a ]bi hYg`]b`Xi fUhcbl` A UHfjU`Zca `K YY_g`%a` `hc`VY`hYghYX"  BYk `WcbWdHg. 7`fca UhW< Ufa cbm`A cXi `Uh]cb`j ]U hY`@YUXb[ `HcbY`X]a ]b]g\YX`+h`WcfX"  Gi [ [ YghYX`F YUX]b[ . 7`YbX]bb]b[ / K YghHYI fVcc_`WXYW`hY`#XYI `Zcf`dU[ Yg`fY`Uh]b[ hc`hY`[ ]j Yb`hcd]Wg"
	Hi hc]jU`	5i fU`Hi hc]jU`. `K YXbYgXUm% `A UfW `Uh - "\$Ua !%\$" \$Ua ž%"\$ \$Ua !%&"\$da ž %&"\$da !%" \$da ]b`K YVghYf; % " "  7 UXybWg. f@Yj Y`%/ `&E`Ui hYbh]WdYfZYWz`UbX d`U[ U`]b`a U`cf`UbX`a ]bcf`_Ymg"  7`cfX`fYWc[ b]h]cb. f@Yj Y` , E`X]a ]b]g\YX`+"`GWU`Yg. f@Yj Y` ) E`Wfca Uh]WUbX`k`c`Y`hcbY"  F YdYfrc]fY. `J`cWU`=. `>cgei ]b`XYg`DfAg. `3hW?`SdS YcSf[S`b`W`S`fa`ch`h`Zcf( `j`c]Wgk`%(-`\$Q/6fi`W_bYf.` 3hW?`SdS`fh`dUfha`ch`h`%`*`%Q  HfUbgW]dh]cb`9i YfW]gY`X]gh]Vi`hYX"
	Gh X]c	5i fU`7`c]f. : f]XUm%) `A UfW `Uh- "\$Ua !%\$" \$Ua ž ]b`K YVghYf" ' ("
		5`gh XYbhg'a i ghUthYbX"
K YY_) . :% `A UfW ! :&( A UfW	@YWh fy	Hi YgXUm%- `A UfW ž`UbX`H\i fgXUm&%`A UfW`"  BC`@97 HI`F`9G
	Hi hc]jU`	5i fU`Hi hc]jU`. `K YXbYgXUm&\$`A UfW `Uh - "\$Ua !%\$" \$Ua ž%"\$ \$Ua !%&"\$da ž %&"\$da !%" \$da ]b`K YVghYf; % " "  7 cbhYbh`G]b[ ]b[ . `6Ybk UfXž`U`hc`WYZf%+!&&E` HfUX]h]cbU`ž`6ai` `fa`fZWD[hWd]fa`BdSkž  F`n`h`a . `6Ybk UfXžI`b]h%ž`ei`UfYfg`fd` %+`\$!`%+&E`7`UXYbWg. f@Yj Y`g` / ( E` XYWdh] Y#]bhYffi`dYX`]b`a`U`cf`#`]bcf`_Ymg"  7`cfX`fYWc[ b]h]cb. f@Yj Y` - E`a`U`cf`+h`ž`a`]bcf`



	<p>- "\$Ua !%" \$Ua ž%" \$Ua !%"\$da ž      %"\$da !%" \$da ]b'K YVghYf'; % "</p> <p>HfUbgW]dhcb'9I YfW]gY`Xi Y"</p> <p>7 cbhYbh'G]b[ ]b[ . '&lt; UmXbž'6 [Ml VZ` 9 WdTa fWVWd      =g` efž &gt;cgei ]b'XYg'DfÄgž? [*WDWYdMl ž</p> <p>F \nt\la . '6Ybk UfXžI b]h%&amp;žY][ \h'g'fd" %- \$ -      %- %&amp;"7 UXYbWYg. f@Yj Y`) Ł\U'Z'GWU'Yg. f@Yj Y`*Ł      dYbhUrcb]Vž'a ]bcf'dYbhUrcb]Vž'V'i Yg'gWU'Y"</p> <p>.</p> <p>F YdYfrc]fY. 'bgfhi a YbhU'. @gnh'Ea` SfS [ 4 _ [ ad      Ø% )' Q. '6Uff]cg'A Ub[ cfY. '@U'7 UHYXfU'UbX'J U'gY'      C d", 'Bc"" "</p>
	Gh X]c

	Gh Xjc	5i fU`7\c]f.: f]XUm%&'5df]'Uh- "\$\$Ua !%\$" \$Ua ]b K YVghYf' ' ("
		5`gh XYbhg'a i ghUthYbX"
K YY_-' : % '5df]'!&% 5df]	@YWh fY	< Ufa cbm@YWh fY. 'Hi YgXUm%* '5df]'ž&"\$da hc' ' " \$da ]b'K YVghYf'; %+/UbX'H\i fgXUm% '5df]'ž %%"\$Ua 'hc'%" \$da ]b'K YVghYf'; %+"
		7cbhYbh'F Yj ]yk 'cZHYfa 'a UHYf]U'g"
		'b!WUgg'HYgh') \$'a ]bi hYg ]b'Xi fU]cb"@YWh fY VcbhYbhZca 'k YY_g)!, 'hc'VY'hYghYX"
	Hi hc]U'	5i fU`Hi hc]U'. K YXbYgXUm%+ '5df]'Uh - "\$\$Ua !%\$" \$Ua ž%\$" \$Ua !%&"\$da ž %&"\$da !%" \$da ]b'K YVghYf'; % "
		K f]hYb'HYgh"
		7cbhYbh'A Y'cX]WX]WU]cb/7\cfX dfc[ fYgg]cb"'F \nt\la . '6Ybk UfXžI b]h%( žgi dYf hf]d'Yhg ]b'Wca dci bX'a YHfg'fd"'&' *!&', L'F \nt\la . '6Ybk UfXžI b]h%* žUgma a Yhf]WX]j ]g]cbg'fd"'&+! &, \$E"
		F YdYfrc]fY. '7\Ua VYf. 'A Ygg]UYb. 'C gSdfW'Xd fZW 7`V aXF[_ Wf] ]c:]bžWUf]bYhžW`c/ 'd]UbcŁ% ( \$!%/ 6cc_cZF Yj Y'U]h]cbgQ"
	Gh Xjc	5i fU`7\c]f.: f]XUm% '5df]'!; ccX': f]XUmDi V]W <c`]XUm'
		BC`7 @5GG9G"
K YY_ '%\$. '&'5df]'!& 5df]	@YWh fY	< Ufa cbm@YWh fY. 'Hi YgXUm&' '5df]'žUbX'H\i fgXUm &) '5df]'f5bnUW8 UmDi V]W<c`]XUm'
		BC`@97 HI F 9G"
	Hi hc]U'	5i fU`Hi hc]U'. K YXbYgXUm&( '5df]'Uh - "\$\$Ua !%\$" \$Ua ž%\$" \$Ua !%&"\$da ž %&"\$da !%" \$da ]b'K YVghYf'; % "
		7cbhYbh'G]b[ ]b[ . '6Ybk UfXž' ( /A cnUfřž3hWhWdg_ Uadbge? *% "
		F \nt\la . '6Ybk UfXžI b]h%) žgi V!VYUhX]j ]g]cbg'fd" &), !&* \$E" A Y'cX]WX]WU]cb. 'f@Yj Y`'+E"
		7\cfX'dfc[ fYgg]cbg. 'f@Yj Y`%Ł'J ž`='>Unn'WkcfXg. f@Yj Y'g'%/ '&Ł'a U'cfž'a ]bcfž'Xca ]bUbhi+hž gi gdYbXYX' ( h"
		F YdYfrc]fY. '7cbWfrc. '6fU\ag. 'B[S` a 5a` UWdfa @až

		\$ [ 4 XSfC d"; ' '0% +, !, %0
	Gh X]c	5i fU`7\c]f.: f]XUm&*`5df]`Uh- "\$\$Ua !%\$" \$Ua `]b K YVghYf" ' ' ("
		5`gh XYb]g'a i ghUthYbX"
K YY_`%%`&- `5df]`!`% A Um	Hi hcf]U`	K YXbYgXUm\$%A UmUh- "\$\$Ua !%\$" \$Ua ž %\$" \$Ua !%&"\$\$da ž%&"\$\$da !%" \$da `]b`K YVghYf ; % "
		A I G=7`@#H9F 5HI F 9`H9GH" `Gh XYfbg`g\ci `X UthYbX`hY`hYgh\Y`X`Uh`hY]f`bcfa U`5i fU`Hi hcf]U` h]a Y"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

A C C 8 @ 9 . A UHf]U`g`Zcf`h`g`W`i fgY`k`j`VY`Z`Yei Ybhima UXY`Uj`U]UV`Y`hc`U`gh`XYbht`j`]U`h`Y`A`ccX`Y`  
Y@YUfb]b[ `k`YVg]h`. `c[!]b`k`]h`mci f`gh`XYbh`S`UbX`dUggk`cfXZ`UbX`gY`YWh`h`Y`A`I`G7`&`\$`&`\$`%-`7`ci`fgY`"

Gh`XYbht`UFY`YI`dYWh`X`hc`a`cb]`h`f`h`Y`A`ccX`Y`a`cXi`Y`Z`Yei YbhmiXi`f]b[ `HYfa`Zcf`]bZ`fa`U]cbz`WUgg`bch`Ygž`  
fYj`]g]cb`YI`YfW]gYgž`UbX`Ubmi`dXU]h`g`cb`UggYgga`Ybht`"

D`Y`UgY`B`chY`. `U`UggYgga`Ybh]h`a`gžk`]h`h`Y`YI`W`d]cb`cZ]b]WUgg`h`Y`ghgž`a`i`ghVY`gi`Va`]h`Y`X`Zcf`a`Uf\_]b[  
j`]U`h`Y`A`ccX`Y`k`YVg]h`"

5I`F`5`@`5`9`Uf]h`U]b]b[ `gcZk`UfY`. `h`]g`gcZk`UfY`k`j`VY`a`UXY`Uj`U]UV`Y`hc`U`gh`XYbht`Zcf`i`gY`Xi`f]b[ `HYfa`"  
: `i`h`Y`f`XY`U]g`cb`U`W`Y`gg]b[ `5i`fU`]U`k`j`VY`a`UXY`Uj`U]UV`Y`hc`gh`XYbht`j`]U`A`ccX`Y`"

F YWca a YbXYX`F Ygci fWg

<Ufa`cbmHYI`hVcc\_.

H`Y`Z`ck`]b[ `hYI`hVcc\_`k`j`VY`i`gYX`Vm`Y`Wh`fYfg`h`fci`[`ci`hU`cZ`h`Y`h`U`Hf]U`g`UbX`G`hfi`Wh`fYg`cZA`i`g]Wh`  
7`ci`fgYg`Y`Y`Y`U`hI`BGK`"

j ]Yk 'hc'UW]b[ 'cb'hWébgfhi W]j Y'mk \YfYj Yf'dcgg]V'Y": YYXVUW\_ ]g[ UH.YfYX'Vm] Uf]ci g'a YUbg ]bW' X]b[  
h.Y'cVWU]g]cbU' ]bZcfa U'cb! ]bY'ei Ygh]cbbU]fY'UbX'j ]U'h.Y'a cfY'Zcfa U'A m9I dYf]YbW'Gi fj YmDfcVWgg  
Wc'a d'YH'X'Uh'h.Y'YbX'cZYUW'HYfa ""

Æ" ][ \hcZdfYj ]ci g'ZYXVUW\_ Zc'a 'ghi XYbhg' ]b'h.]g'Wéi fgYž'a cfY'Ya d\Ug]g'\Ug'VYYb'd'UW'X'cb'dfcj ]X]b[  
YI Ua d'Yg'Zc'a 'U'k ]XYf'fUb[ Y'cZa i g]WU'ghmYg'k ]h.]b'U''Wc'a dcbYbhg'cZ'h.Y'Wéi fgYž' ]b'cfXYf'hc'Z' fh.Yf  
Wébgc' ]XUH' h.Y'ghi XYbhg'i bXYfgfUbX]b[ 'cZ'h.Y'Wéi fgY'Wébh'rb'UbX' ]hg'fY'Yj UbW'hc'ghi XYbhghi Xm  
dfc[ fUa g""5'gcž'Z' fh.Yf'UH'a dhg'\Uj Y'VYYb'a UXY'hc'Ybgi fY'h.Uhghi XYbhg'\Uj Y'UW'W'gg'hc'fYj ]g]cb  
a UH'f]U'ž'YgdYW]U'mj ]U'h.Y'cb! ]bY'fYgci fW'g'UggcW]UH'X'k ]h' h.Y'F YWc'a a YbXYX' < Ufa cbmHYI h/cc\_ž  
UbX'j ]U'h.Y'A ccX'Y'k YVg]h'""

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Hi fb]h]b`Gi Va ]gg]cb



## 5 WUXYa ]W<c bYghmUbX 'D`U[ ]Uf]ga

D`U[ ]Uf]ga ]g'i g]b[ 'hY'k cfXg'cf]XYUg'cZchYfg'UbX'dfYgYbh]b[ 'hYa 'Ug'mci f'ck b" #WUbb'U\_Y'a Ubm Zcfa gž Zca 'XY'VYfUHY'WXUhb]b[ 'hc'UWVXYbU`mWčdm]b[ 'Zca 'U'gci fW'k ]h'ci hUW\_bck 'YX[ Ya Ybh'

I BGK '[ fci dg'd`U[ ]Uf]ga ]bhc'hY'Zč`ck ]b[ 'WUHY[ cf]Yg.

7cdm]b[ .i g]b[ 'hY'gUa Y'cf'j Yfmg]a ]Uf'k cfXg'hc'hY'cf][ ]bU`hYI hcf'XYU'k ]h'ci hUW\_bck 'YX[ ]b[ 'hY'gci fW'cf'i g]b[ 'ei chU]cb'a Uf\_g" 'H\g'U'gc'Udd'Yg'hc' ]a U[ YgžUfhUbX'XYg][ b'dfc'YWgžUg'k Y`Ug'dfYgYbhU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g'XYUg'cf'k cfXg'k ]h'ci hWYX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[ .7 \Ub[ ]b[ 'U'Zk 'k cfXg'UbX'd\UgYg'k \]Y'a cghmifYU]b]b[ 'hY'cf][ ]bU'gf'i W'fY'UbX#cf'dfc[ fYgg]cb'cZ]XYUg'cZhY'cf][ ]bU'žUbX' ]bZcfa U]cb'k ]h'ci hUW\_bck 'YX[ Ya Ybh' 'H\g'U'gc'Udd'Yg' ]b'dfYgYbhU]cbg'k \YfY'gca YcbY'dUfUd\UgYg'UbchYf'g'XYUg'cf'k cfXg'k ]h'ci hWYX]h'UbX'hc'd]YW]b[ 'hc[ Y'hYf'ei chYg'UbX'dUfUd\UgYg' ]bhc'U'bYk 'k \c'Yžk ]h'ci hUddfcdf]UHY'fYZfYbW]b[ "

7c`i g]cb.'k cf\_]b[ 'k ]h'chYfg'Vi hdUgg]b[ 'cZhY'k cf\_'Ug'U'dYfgcb'g' ]bX]j ]Xi U'k cf\_"7c`i g]cb'U'gc ]bWi XYg'dfcj ]X]b[ 'mci f'k cf\_'hc'UbchYf'gh'XYbhVYZc'fY'hY'Xi Y'XUHYžcf'Zc'f'hY'di fdcgY'cZhYa d`U[ ]Uf]g]b[ 'UhUbm]h]a Yž'dUm]b[ 'UbchYf'dYfgcb'hc'dYfZc'fa 'Ub'UWUXYa ]W]Ug\_žghU' ]b[ 'cf'UWči ]f]b[ UbchYf'dYfgcb'g'UWUXYa ]Wk cf\_'UbX'Wčdm]b[ ]h'čZf]b[ 'hc'Wč'a d'Yh'UbchYf'dYfgcb'g'k cf\_'cf'gYY\_]b[ dUma YbhZc'Wč'a d'Yh]b[ 'UWUXYa ]Wk cf\_"

#Uddfcdf]UHY'W]U]cb.'7 ]h]b[ 'gci fW'g'k \]W\Uj Y'bchVYYb'fYUXžk ]h'ci hUW\_bck 'YX[ ]b[ 'hY'gYWčbXUfm' gci fW'Zca 'k \]W'\_bck 'YX[ Y'cZhYa '\Ug'VYYb'cVU]bYX"

8i d']WU]cb'f'fY'Zd`U[ ]Uf]ga "L'gi Va ]h]b[ 'mci f'ck b'k cf\_ž]b'k \c'Y'cf' ]b'dUfřk \YfY' ]h\Ug'dfYj ]ci g'm VYYb'dfYdUfYX'cf'gi Va ]hYX'Zc'f'UbchYf'UggYgga Ybhcf'Wč'i fgY'Uhi BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZfYbW]b[ 'dfUW]W'g.

- DUfUd\Ug]b[ žgi a a Uf]g]b[ žYggUmk f]h]b[ 'UbX'h]a Y'a UbU[ Ya Ybh



5 WUXYa ]WbZcfa Uh]cb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[ `hc.

- fYei Yghg`ZcfYI hYbg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua ]bUh]cb`dfcVWXi fYg/
- gdYW]U`Wc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a ]gUXj Ybh fY/
- ghi XYbhYei ]hmUbX`X]gUV`]`hm/
- UbX`chYf`YggYbh]U`UWUXYa ]W]bZcfa Uh]cbz`gYY

[\h\]dg.#k k k "Ufmg"i bgk "YXi "Ui #W ffYbh\]ghi XYbh\]bZcfa Uh\]cb`#dfchcWc`g!\[ i \]XY`\]bYg#](#)

⇒ U[ Y`7 fYX]h

5i gh]b`&\$% `G\`]b[ `K i

7F ⇒ CG

7F ⇒ CG`Dfcj ]XYf`7cXY.`\$\$\$- ;