



MUSC1101

A i g]WF Y]bj YbhYX

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

7 ci fgY`Cj Yfj JYk

`GHUZZ7 cbhUW`i8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWUjcb	D\cbY
>c\b`BUd]Yf	^bUd]Yf4 i bgk "YXi "Ui	: f]XUm%&!`%cf`Vm Uddc]bha Ybł'cf Xfcd`]b	K YVghYf`F cca %%	- ' ,) `* -)'

GWXcc`7 cbhUW`i`bZcfa Uhjcb

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: [\hfdg.#gUa "Ufng"i bgk "YXi "Ui](#)

H\Y`GWXcc`cZhY`5fng`UbX`A YX]U`k ci `X`_]Y`hc`F YgdYWz`m5W_bck`YX[Y`hY`HfUX]hcbU`7i ghcX]Ubgž`hY`6YXY[U`fP`Ybg]b[hcb`WJa di gŁž; UX][U`f7]mUbX`5fhi`8Yg][b`7 Ua di gYgŁ`UbX`hY`B [i bbUk U`dYcd`Y`f5i gfhU]Ub`8YZ`bW` : cfW`5WUXYa m]b`7 UbVYffUŁ`cZhY`UbXg`k \YfY`YUW`WJa di g`cZI`BGK`]g`cWU`hY`X"

5ggYgga Ybh

Mci 'UFY'cb'mU`ck YX'cbY'gi Va]gg]cb'Zc'f'Hi fb]h'b'Zc'f'YUWk 'Ugg][ba Ybh' 4]g'mci f'fYgdcbg[V']]mihc
i bXYfgtUbX'k \UhWcbgh]h h'g'd'U[]Uf]ga ž'UbX'hc'Ybgi fY' h'Uhmc'i f'k cf_']g'U`'mci f'ck b'VY'Zc'fY'mci 'gi Va]h
mci f'k cf_'"

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
9ggUm))	? YmXYZ]b]h]cb'Xi Y': f]XUmicZ K YY_) "'9ggUmXi Y': f]XUm K YY_;	%&
!WUgg`]ghYb]b['hYghg`	%	HYghg'k]`VY'\Y'X']b'hY @YWh fY'h]a Y']b'k YY_g'(ž + UbX' % \$	' ž(
9h\ bca i g]Wc`c[m8]Ufm	' \$	K YY_'mgi Va]gg]cb'U	(ž)

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% '9ggUm

GHUfhXUHŸ. '

@Yb[h. 'XYZ]b]h]cb' '\$\$'k cfXgž Z]bU'YggUm% '\$\$'k cfXg

8YHU]`g. '% '\$\$'k cfXg"? YmXYZ]b]h]cb. '%\$| :]bU'9ggUm () | '9ggUm]a Uf_YX'UbX'fYh fbYX"

5XX]h]cbU'XYHU]`g.

: i ``XYHU]`g'k]`VY' [] Yb']b'a ccXY"

Hi fb]h]b'gYh]b[. 'H\]g'Ugg][ba Ybh]g'gi Va]hYX'h'fci [\ 'Hi fb]h]b'UbX'gh XYbhg'WUbb'gYY'Hi fb]h]b'g]a]Uf]m
fYdcfng"

5ggYgga Ybh&. !WUgg`]ghYb]b['hYghg`

GHUfhXUHŸ. '

8YHU]`g. "' L' % !&\$'a]bi hYgA Uf_YX'UbX'fYh fbYX"

5XX]h]cbU'XYHU]`g.

: i ``XYHU]`g'cZhY'@ghYb]b['@ghk]`VY'Uj U]UVY'cb'A ccXY"

Hi fb]h]b'gYh]b[. 'H\]g']g'bchU'Hi fb]h]b'Ugg][ba Ybh

5ggYgga Ybh' . 9h\ bca i g]Wc`c[m8]Ufm

GhUfhXUHY.

8YhUJ]g. C bY`gi a a Ufmžk f]hYb`]b!WUggždYf`k YY_"A Uf_YX`UbX`fYh fbYX"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

gYY`A ccX`Y

F YWca a YbXYX`F Ygci fWg

gYY`A ccX`Y

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

Gh XYb]k`j`VY`UV`Y`h`Y`j`U`i`Uh`h`Y`W`ci`fgY`U`b`c`b`m`a`c`i`g`i`m`h`f`c`i`[`\`a`m`9`l`d`Y`f`Y`b`W`W`" `b`f`Y`g`d`c`b`g`Y`h`c`d`f`Y`j`]`c`i`g`Y`j`U`i`Uh`c`b`g`" `= `U`j`Y`U`X`X`Y`X`U`V`f`Y`U`_`" `]`b`W`U`g`g`Y`g`z`W`U`f`]`Z`Y`X`h`Y`X`]`g`h`]`b`W`h`c`b`V`Y`h`k`Y`Y`b`d`c`k`Y`f`d`c`]`b`h`f`c`d`]`W`j`U`b`X`" `Y`W`h`f`Y`b`c`h`Y`g`z`a`U`X`Y`h`Y`Z`c`f`a`Y`f`U`j`U`]`U`V`Y`c`b`A`c`c`X`Y`V`Y`Z`c`f`Y`W`U`g`g`Y`g`z`h`Y`" `U`h`Y`f`U`Z`h`f`k`U`f`X`g`z`[`]`j`Y`b`a`c`f`Y`]`b`!`W`U`g`g`U`h`Y`b`h`c`b`h`c`h`Y`" `@`g`h`Y`b`]`b`[`h`Y`g`h`z`V`f`c`_`Y`b`h`Y`" `@`g`h`Y`b`]`b`[`h`Y`g`h`]`b`h`c`" `i`g`a`U`" `W`c`a`d`c`b`Y`b`h`g`" `" `= `W`U`b`b`c`h`[`i`U`f`U`b`h`Y`h`U`h`h`Y`" `= `k`]`" `U`X`h`Y`f`Y`h`c`h`Y`" `@`Y`W`h`f`Y`G`W`Y`X`i`Y`Z`U`g`h`]`g`k`]`" `j`U`f`m`U`V`W`h`f`X`]`b`[`h`c`g`h`X`Y`b`h`e`i`Y`g`h`]`c`b`g`U`b`X`a`m`g`d`c`b`h`U`b`Y`c`i`g`U`X`X`]`h`c`b`c`Z`b`Y`k`a`U`h`f`]`U`" `<`c`k`Y`j`Y`f`z`b`c`" `]`h`Y`a`k`]`" `V`Y`]`b`W`h`X`Y`X`]`b`h`Y`" `]`g`h`Y`b`]`b`[`Y`I`U`a`]`b`U`h`c`b`]`Z`]`h`h`U`g`b`c`h`d`f`Y`j`]`c`i`g`i`m`V`Y`Y`b`X`]`g`W`g`g`Y`X`]`b`W`U`g`g`"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

≠mci`YbWci`bHYf`U`dfcV`Ya`k`Yb`U`HYa`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`),`"`,`'`,`%`cf`Ya`U]`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`,`).\$\$da`cb`k`YY`YbXg`f1`*)`XUmg`U`mY`UfL`≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhXi`Y`hc`U`ZUi`hik`]h`Hi`fb]hb`mci`a`Um`Udd`mi`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`gh`fY`h]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfh`fU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`Ubh`Xc`W`a`Yb`hg`L`hc`
]b`Wi`XY`Ug`Yj`]XYb`W`hc`gi`ddcfh`mci`f`YI`HYbg]cb`Udd`]W`h]cb"≠mci`Ya`U]`9I`HYfbU`Gi`ddcfh`mci`k`]`
Ui`hca`Uh]W`m`fY`W`]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W`]W`m`Ug`_`Zc`f`cbY`
Hi`fb]hb`U`gc`d`fcj`]XYg`i`d`XU`HY`g`cb`h`Y]f`gmg`h`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Yf`U`m`z`Ugg`Ygga`Ybh`HUg_g`a`i`gh`VY`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`
Ugg][`ba`Ybh`h`h`]bg`h`Ub`W`g`k`Yf`Y`h`h`]g`]g`b`chid`cgg]V`Y`z`]h`k`]`VY`g`h`U`Y`X`cb`mci`f`Wci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`XY`h]g"

:`cf`]b`Zc`fa`Uh]cb`cb`\`ck`hc`gi`Va`]h`Ugg][`ba`Ybh`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`gh`XYbh`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Ybh`a`cc`X`Y`"

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`hU`Y'a Ubm
Zcfa gž Zca`XY`VYfUHY`WXYU]b['hc`UWVXYbU`mWčdm]b[Zca`U`gci fW`k]hci 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`hY`hcf`]XYU`k`]hci 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[Ygž`Uf`h`UbX`XYg][`b`dfc`YWgž`Ug`k`Y`"Ug`
dfYgYb`h]cbg`k`YfY`gca`YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k`cfXg`k`]hci hWYX]h'

#Uddfcdf]UHY`dUfUd`fUg]b[.`7`U`b[]b[`U`Zk`k`cfXg`UbX`d`fUgYg`k`Y`a`cghmifYU]b]b['hY`cf][]bU`
g]fi`W`fY`UbX`#`f`dfc`[`fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`ž`UbX`]bZcfa`U]cb`k`]hci hUW_bck`YX[Ya`Ybh`H\]g`U`gc`
Udd`Yg`]b`dfYgYb`h]cbg`k`YfY`gca`YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k`cfXg`k`]hci hWYX]h`UbX`hc`
d]YW]b[`hc[`Y`hYf`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`Y`c`Yž`k`]hci hUddfcdf]UHY`fYZYfYbW]b["

7c`i`g]cb.`k`cf_]b[`k`]h`chYfg`Vi`hdUgg]b[`cZ`hY`k`cf_]Ug`U`dYfgcb`g`]bX]j`]Xi`U`k`cf_]7c`i`g]cb`U`gc`
]bW`i`XYg`dfcj`X]b[`mci`f`k`cf_]hc`UbchYf`gh`XYbhVYZc`fY`hY`Xi`Y`XUHY`ž`cf`Zc`f`hY`di`fdcgY`cZ`hY`a`
d`U[]Uf]g]b[`Uh`Ubm]h]a`Yž`dUm]b[`UbchYf`dYfgcb`hc`dYfZc`fa`Ub`UWUXYa`]W]Ug`ž`ghYU`]b[`cf`UWči`]f]b[
UbchYf`dYfgcb`g`UWUXYa`]Wk`cf_]UbX`Wč`dm]b[`]ž`cZ]f]b[`hc`Wč`a`d`Y`h`UbchYf`dYfgcb`g`k`cf_]cf`gYY_]b[
dUma`YbhZc`f`Wč`a`d`Y`h]b[`UWUXYa`]Wk`cf_]`

#Uddfcdf]UHY`W]h]cb.`7`h]b[`gci`fW`g`k`Y`W`Uj`Y`bchVYYb`fYUXž`k`]hci hUW_bck`YX[]b[`hY`"gYWč`bXUfm`
gci`fW`Zca`k`Y`W`_bck`YX[Y`cZ`hY`a`U`g`VYYb`cV]U]bYX"

8i`d`]W]h]cb`f`f`gY`Z`d`U[]Uf]ga`"L`gi`Va`]h]b[`mci`f`ck`b`k`cf`ž`]b`k`Y`c`f`]b`dUf`ž`k`YfY`]h`Ug`dYj`]ci`g`m`
VYYb`dfYdUfYX`cf`gi`Va`]hYX`Zc`f`UbchYf`UggYgga`Ybhcf`Wč`i`fgY`Uh`I`BGK`cf`UbchYf`i`b]j`Yfg]m`

7cffYW`fYZYfYbW]b[`dfUW]W]g.

- DUfUd`fUg]b[žgi`a`a`Uf]g]b[žYggUm`k`f]h]b[`UbX`h]a`Y`a`UbU[Ya`Ybh

