



MUSC3302

A i g]WU`HfUbgZcfa Uh]cbg. `C fVX YghfUh]cbž`5 ffUb[Ya Ybrž
HfUbgWf]dh]cb `UbX`F YWca dcg]h]cb

HYfa `Cby`#`&\$&\$



GWXcc`cZHA Y`5 ffg`UbX`A YX]U`#`I BGK `5 ffg`UbX`GcWJU`GWYbWg

7ci fgY'8YHJ]`g

7fYX]hDc]bhg '*`

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
HfUbgZcfa Uh]cb' =) \$i	&&#\$' #&\$&\$' \$- . \$\$' DA	%z&
HfUbgZcfa Uh]cb' =) \$i	&(#\$(#&\$&\$' \$- . \$\$' DA	'

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'HfUbgZcfa Uh]cb' =

GHUfhXUH.

8YHU]`g. 'H\]g'Ugg][ba YbhVY[]bg'k]h' Ub'YI]gh]b['d]YWz'UbX'mci f'fUg_]g'WYUH] Y'mhc' hfUbgZcfa 'h\]g d]YW' 'H\Y''Yb[h' XYdYbXg'cb'h\Y'a UbbYf'cZhfUbgZcfa Uh]cb": YYXVUW_k]''VY'[]j' Yb'j]U'@A G"

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

GYY'A ccXY'Zcf'U''XYHU]`g

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

5ggYgga Ybh& 'HfUbgZcfa Uh]cb' =

GHUfhXUH.

8YHU]`g. 'H\]g'dfc'YWmci 'k]''UbU'mgY'YI]gh]b['a i g]Mz'YI d'cf]b['h\Y'WdUW]h]Yg'cZ'hY'cf][]bU']b'hYfa g'cZ a i g]W' hfUbgZcfa Uh]cb" Gh XYbhg'k]''fYW]j' Y'k f]hYb' ZYXVUW_ UbX'U'bi a Yf]W' [fUXY'j]U'@A G"

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

GYY'A ccXY'Zcf'U''XYHU]`g

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

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

GUa i Y`5X`Yfz`FZWE fgVk aXA dJZWe fcdSf[a`

F YWca a YbXYX`F Ygci fWg

GYY`A ccXY

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

: YY`ZYY`hc`hU`_`hc`a Y`UVci h`hY`Wbi fgY`h`fci [\ci h`hY`h`fa "H\YfY`k]`VY`U`A m9I dYf]YbW`gi fj YmUh`hY`YbXz`Vi h]b`a mYI dYf]YbW`h`Y`a cghi gYZ``ZYXVUW`hU`_Yg`h`Y`Zcfa`cZU`W`bj YfgUh]cb"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

zmc i`YbWci bhYf`U`dfcV`Ya`k` \Yb`U`H`Ya` dh]b[`hc`gi Va]hmc i`f`Ugg][ba YbhHfci [\`Hi fb]hbzd`YUgY
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi` ddcfhcb`-`'` ,`)` " ` ' ` ' ` %cf`Ya` U]`H`Ya` `cb`YI`H`f`b`U`H`f`gi` ddcfh4` i` bgk` "YXi` "Ui` "Gi` ddcfh
`l`ci` fg`UfY` ,` .` \$\$Ua` -`-%\$.` \$\$da` `cb`k` YY`_`XUmg`U`b`X`-` .` \$\$Ua` -`)` .` \$\$da` `cb`k` YY`_`YbXg`f`l` *`)` `XUmg`U`m`Y`U`f`l`" zmc i
UfY`i` bUV`Y`hc`gi Va]hmc i`f`Ugg][ba YbhXi`Y`hc`U`ZU`i`h`k`]H`Hi`fb]hb`mc i`a` UmiUdd`miZc`f`Ub`YI`H`f`bg]cbz`Vi` hmc i
a`i` ghf`Y`H]b`mc i`f`h]W`Y`h`bi`a` VYf`Z`ca` `9I`H`f`b`U`Gi` ddcfhf`U`cb[`k`]H`U`b`m`c`H`Y`f`f`Y`j` UbhXcW`a` YbHg`L`hc
]bW`i` XY`Ug`Y`j`]XYbW`hc`gi` ddcfhmc i`f`YI`H`f`bg]cb`Udd`]W`h]cb" zmc i`Ya`U]`9I`H`f`b`U`Gi` ddcfhmc i`k`]`
Ui`hc`a` Uh]W`U`m`f`Y`W`]j` Y`U`h]W`Y`h`bi`a` VYf`z`Vi`h]Zmc i`H`Y`d`l`cb`Y`mc i`k`]`b`YYX`hc`gd`Y`W`Z]W`U`m`Ug`_`Zc`f`cb`Y`"
Hi`fb]hb`U`gc`d`fcj`]XYg`i` dXUH`g`cb`H`Y]f`gm`gh`Ya` `gh`U`h`g`cb`Hk`]H`Y`f`"

; YbYfU`mz`UggYgga YbhHUg_g`a`i` ghVY`gi Va]H`Y`X`Y`Y`W`f`cb]W`U`mj`]U`Y`]H`Y`f`Hi`fb]hb`cf`U`A` ccX`Y`
Ugg][ba Ybh`H`b`]bg`H`b`W`g`k` \Y`f`Y`H`L`g`]g`b`ch`id`cgg]V`Y`Z`]h`k`]`V`Y`g`H`Y`X`cb`mc i`f`W`ci` fg`Y`g`A` ccX`Y`g`]H`k`]H`
U`H`f`b`U`h]j` Y`gi Va]gg]cb`XY`H]`g`"

: cf`]b`Z`c`fa` Uh]cb`cb` \ck`hc`gi Va]hUgg][ba Ybhg`cb`]b`Y`j`]U`A` ccX`Y` .` \`h`td`g` .`#`gh` XYb`H`i` bgk` "YXi` "Ui` #ack`!
gi Va]hUgg][ba Ybh`a` ccX`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'U_Y'a Ubm Zcfa gž Zca 'XY'VYfUHY'WXUhb]b['hc'UWVXYbhU`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'XYbhVYZ'fY'hY'Xi Y'XUHYžcf'Zcf'hY'di fdcgY'cZhYa d`U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]W]Ug_žghU']b['cf'UWči]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wčdm]b[]h'čZf]b['hc'Wča d'Yh'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZcf'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bhVYYb'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'dUf'žk \YfY']h'Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]h'YX'Zcf'UbchYf'UggYgga Ybhcf'Wč' f'gY'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 Uhcb`

: cfYggYbhU`ghi XYbh]bZcfa Uhcb`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/
- gdYWU`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]m]UbX`X]gUV`]m/
- UbX`chYfYggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\hdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhghi XYbh\]bZcfa Uhcb`dfcVc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7fYX]h

A <

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;