



MUSC4102

7 f]h]WU`DfUW]W]b`A i g]W

HYfa `Hk c`#`&\$&\$



7 ci fgY`Cj Yfj]Yk

GHJZZ`7 cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]hcb	D\cbY
A Ubc`YH`A cfU	a "a cfU4 i bgk "YXi "Ui	6mUddc]bħa Ybh		

GW\cc``7 cbHJW`ħZcfa Uh]cb

GW\cc``cZħY`5fmg`UbX`A YX]U

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

D\cbY. f\$&Ł- ' ,) (,) *

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

K YVg]ħ: [k k k "Ufmg"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc``cZħY`5fmg`UbX`A YX]U`k ci `X``_Y`ħc`F YgdYWw`m5W_bck`YX[Y`ħY`HfUX]ħcbU``7 i għcX]Ubgž
ħY`6YXY[U`fP`Ybg]b[ħcb`Wħa di gŁž; UX][U`f7]mUbX`5fħ/`8Yg][b`7 Ua di gYgŁ`UbX`ħY`B [i bbUk U`
dYcd`Y`f5i għfU]Ub`8YZbVW` : cfW`5WUXYa m]b`7 UbVYffUŁcZħY`UbXg`k \YfY`YUW`Wħa di g`cZI`BGK`]g
`cW]ħY`X"

7ci fgY'8YHJ]`g

7fYX]hDc]bng '*`

Gi a a UfmcZ\Y'7ci fgY

Gi VYWh5fYU.'? ge[U'

H\Y'Vei fgY'YbUV'Yg'mci 'hc'YI H'bx'mci f'a UghYfmcZX]gW]d`]bY!gdYWZ]W_bck`YX[Y'UbX'dfUW]W' h'fci [\ W]h]W'`gh X]Yg']b'a i g]W'Mci `k]`gh Xma YhcXg'cZ]W]h]W'`dfUW]W'`hc`Y'd'mci `Z]bX'k Um]g'hc`ja dfcj Y'hY Yh.]W'`UbX'UYgh.Yh]W'`ci h'Ve a Yg']b'mci f'VXcgYb'UFYU'cZdfUW]W'`k \Yh.Yf']h]g'a i g]W'c[m'zdYXU[c[m'z dYfZcfa UbW'`cf'Ve a dcg]h]cb" H\Y'Vei fgY'dfcj]XYg'U'Zc'fi a `Zc'f'mci `hc`]bj Ygh] [UH'UgdYVW]g'cZmci f'UFYU'cZ a i g]W'`gh Xm]b'h.Y`][\hcZ]W ffYbhXYVUH'g'k]h.]b'h.Y'X]gW]d`]bY" `b] Ygh] [Uh]cbg'UFY'`]bZc'fa YX'VmYj]XYbW VUgYX'cb`]]j Y'a i g]Wa U_]b[žj]XYcgž'Ui X]c'fYV'fX]b[gž'gV'fYg'UbX'di V']g\YX'fYgYUfW" `Mci `k]`U'gc` [U]b]b!XYd'h'Z]a]]Uf]m]k]h.]j Uf]YhmcZUddfcUW]Yg'hc`W]h]W'`dfUW]W'`]b'a i g]W'h'fci [\ `h.Y'`]bX]j]Xi U'`cf V'c`UVcfU]h] Y'YI d'cfU]h]cb'cZU'W]cgYb'dfc'YVh'Ve bW]dh'h.Uhk]`W'`a]bUH'`]b'U'gi a a Uh] Y dfYgYb]h]cb#dYfZcfa UbW"

7ci fgY'@YUfb]b[`Ci h'Ve a Yg

%` 7 f]h]W'`mUggYgg'a i g]W'`dfUW]W]g'UbX'dfcXi W]cbg']b'gcW]U'`UbX'W'`hi fU'`fYfa g"
&" 7 f]h]W'`mYj U'i UH'U'fUb[Y'cZUfhZc'fa g'UbX'XYa cbgh'fUH'`Ub'i bXYfg]UbX]b[`cZ]W ffYbhXYVUH'g UVci ha i g]Wk]h.]b'Ub']b'h'fX]gW]d`]bUf]m'Ve b'h]i h'
' " A U_]bZc'fa YX'XYW]g]cbg'UVci hgY'YW]b[`Zc'a `U'j Uf]YhmcZUddfcUW]Yg']b'XYj Y'cd]b[`U dfYgYb]h]cb#dYfZcfa UbW'`h.UhYI H'bx'g'h.Y]f'i bXYfg]UbX]b[`cZ'h.Y'dfcVW]ggYg']bj c]j YX'`]b Ygh]U'`g\]b[`U'Ve`UVcfU]h] Y'fY'Uh]cbg\]d'k]h'c'h.Yf'dch'bh]U'WYU]h] Y'dUf]bYfgž'cf'ch.Yf'hmdYg'cZ a YX]U"

HYUW]b[`GhfUH' []Yg`

Gh XYbng'k]`VY'`]b]fcXi W]X'hc`U'hc]d]W]fY'UH'X'hc`W]h]W'`dfUW]W'`Ug']h]Udd`]Yg'hc`a i g]W]UbX'h.Y'dYfZc'fa]b[Uf]ng'a c'fY[YbYfU'`m' H\Y'`YWh' fY'k]`]b]fcXi W'`h.Y'Z'`ck]b[`k YY_]g]gYa]bUf'fYUX]b[`k]h'`h.Y'U]a `cZ W]YU]h]b[`dcgg]V']h]Yg'Zc'f'X]gW]gg]cb'UbX'XYVUH'`]b'h.Y'gYa]bUf"

GYa]bUfg'k]`f]X'XYVUH'`UbX'X]gW]gg'h.Y']XYUg'dfYgYb]h]X'`]b'h.Y'`YWh' fY'UbX'fYUX]b[`UbX'f]b'&`dfcj]XY'U Zc'fi a `Zc'f'h.Y'XYj Y'cda Ybh]cZ]W]YU]h] Y'dfc'YV]g'UbX'g\ck]b[g"

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
DfcW'gg'8]Ufm	' \$!	%* #+\$&\$&\$') .\$\$'DA	&
9j Ybh#DfYgYbHU]cb`) \$!	\$* #\$, #&\$&\$') .\$\$'DA	%Z
DfydUfUH]cb`Zcf'WUgg`	&\$!	Bch5dd`]WUV`Y	%Z&

5ggYgga Ybh8YHU]`g

5ggYgga Ybh%`DfcW'gg'8]Ufm

GHUfhXUH. '\$(# \$ * # & \$ & \$ ' - . \$ \$ ' 5A

@Yb[h. %) \$ \$ ' k cfXg

8YHU]`g.

%) \$ \$ ' k cfXg"

K f]mYb`ZYXVUW`UbX`a Uf`"

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

H\Y`DfcW'gg'8]Ufm\ci`X`XcW`a`YbhUbX`fYZYVWicb`hY`dfUW`WU`UbX`W`hWU`a`YhcXg`Vmk` \]W`h`Y`DYfZcfa`UbW`#DfYgYbHU]cb`]g`UW`Yj`YX`fWU`"%) \$ \$ ' k cfXg`Yi`Wi`X]b[`fYZYfYbW`gZ`k`]h`Ub`Ya`d\Ug]g`cb`h`Y`dfcW'gg'UbX`ci`hWta`Y`cZX]U`c[`i`Y`UbX`X]gW`gg]cb`k`]h`]b`h`Y`[`fci`d"

Gi Va]gg]cb`bchYg.Gi Va]h]b`5(`Zcfa`Uhz`H]a`Yg`F`ca`Ub`%&Z`%&)`W`a`Uf[`]bg`"@UVY`U`hUV`Yg`UbX`]`i`ghU]cbg`Ug`bYW'ggUfm`H\Y`gi`Va`]gg]cb`g\ci`X`W`cbU]b`U`h]hY`dU[`Y`k`]h`h`Y`bUa`Yg`cZW`cbf]Vi`h`c`fg`UbX`U`]ghcZfYZYfYbW'g"

Hi fb]h]b`gYh]b[. H\]g`Ugg][`ba`Ybh]g`gi`Va`]hY`h`fci`[`\`Hi`fb]h]b`UbX`gh`XYbhg`Xc`bchgYY`Hi`fb]h]b`g]a`]Uf]mfYdcfrg"

5ggYgga Ybh&. `9j Ybh#DfYgYbHU]cb

GHUfhXUH. '\$(# \$ * # & \$ & \$ ' - . \$ \$ ' 5A

@Yb[h. %) `a`]bi`hYg

8YHU]`g.

Dfc[`fYgg`UbX`XY]`Y`cda`YbhicZ`h`Y`9j`Ybh]g`X]gW`ggYX`cb`U`k`YY`_`m]VUg]g`Xi`f]b[`h`h`cf]U`g"

K f]mrb'ZYXVUW_ž'a Uf_'UbX'dYYf'fYj]Yk g"

5XX]h]cbU'XYHJ]g.

Dfc[fYgg'UbX'XYj Y'cda YbhcZh\Y'9j Ybh#DfYgYbhU]cb']g'X]gW ggYX'cb'U'k YY_'mVUg]g'Xi f]b['h'rcf]U'g"

Gi Va]gg]cb'bcH]g.9j Ybh#DfYgYbhU]cbg'a i ghVY'gi Va]mYX'Ug'Ub'5J 'Ufh]ZUWf]Y"j]XYcždcXWUghž
Dck YfDc]bhDfYgYbhU]cb'k]h'Ui X]cžYhW"

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

5ggYgga Ybh' . 'DfYdUfU]cb'Zcf'WUgg

GhUfhXUH.

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

BchUj U]UV`Y

F YWca a YbXYX`F Ygci fWg

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

Gh XYbhZYXVUW`cb`hLY`Wci fgY`k`j`VY`[UhLYfYX`Zca`hLY`Wci fgY`Yj U`i Uh]cb`hLfc [\`a m9I dYf]YbW`"HLY
gh XYbhYj U`i Uh]cbg`Zca`&\$%-`Ya d\Ug]gYX`hLY`\][\`j`c`i`a`Y`cZWci fgY`UggYgga Ybh`i`=\Uj`Y`a`cX]ZYX`hLY
UggYgga Ybh]g`mYUf`UWw`fX]b[`nzdUf]W`Uf`m]b`hLY`][\`hcZ`hLY`UXX]h]cbU`hY`W`b]W]`XYa`UbXg`cb`gh`XYbhg
]b`i`bXYfU_]b[`i`fci`d`Ugg][`ba`Ybhg`cb`]bY"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf]XYUg`cZc`hYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfU`h`V`X`Y`U`h]b[`hc`U`W`Y`X`Y`b`U`m`i`W`c`d`m]b[`Zca `U`gci f`W`k]h`ci h`U`W`b`c`k `Y`X[`Y`a `Y`b`h`

I B G K `[fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`W`h`h`[cf]Yg.

7 cdm]b[.`i`g]b[`hY`g`U`a `Y`cf`j`Y`fmg]a]Uf`k`cfXg`hc`hY`cf][]bU`h`i`h`cf]X`Y`U`k]h`ci h`U`W`b`c`k `Y`X[]b[`hY`

5 WUXYa]W=Zcfa Uh]cb

: cfYggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.

- fYei Ygh]Zcf`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/