



MUSC3802

A i g]W5bU`mg]g

HYfa `H\`fYY`##`&\$&\$



7ci fgY`Cj Yfj]Yk

GhJZ`7cbhJW`8YhJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j U]UV]]m	@cW]h]cb	D\cbY
A]WUY`<ccdYf	a "\ccdYf4 i bgk "YXi "Ui	6mUddc]bha Ybh	a "\ccdYf4 i b gk "YXi "Ui	

GWcc`7cbhJW`bZcfa Uh]cb

GWcc`cZhY`5frg`UbX`A YX]U

7ci fgY'8YHJ>`g

7fYX]hDc]bhr '*`

Gi a a UfmicZh\Y'7ci fgY

h`h]g`Wci fgY'mci `k]`YUfb`U'fUb[Y'cZghfUH[]Yg`Zcf`ZcW`g]b[`cb`a`i`g]W]b`XYHJ]`Mci `k]`VY`hU[[\h\ck
h`UbU`mY`a`i`g]W]b`U`gi`ghU]bYX`UbX`dUfh]W`Uf`a`UbbYF`A`cFY`VfcUX`mž`mci `k]`[U]b`U`VYHfYf
i`bXYfgHUbX]b[`cZgca`Y`cZh\Y`dfcV`Ya`g`!`cZh\Wk]b]ei`Yž`cZYI`dYf]YbW`ž`cZXYgW]d]h]cb`!`h`Uha`ch]`UH`a`i`g]W
UbX`]hg`UbU`mg]g`Gc`]b`UXX]h]cb`h`c`gdYW]Z]Wk`Umg`cZUbU`m]b[`a`i`g]W`h`Y`Wci`fgY`k`]`bW]`XY`X]gW`gg]cbg`cZ
fYUX]b[g`h`UhiUfY`fY`Yj`Ubh]c`YUWX`a`Yh`cX`"5`h`h`Y`YbX`cZh\Y`Wci`fgY`mci `k]`Uj`Y`U`[`ccX`[`fci`bX]b[`]b
h`Y`dfUW]W]g_]`g`bYXYX`h`c`UbU`mY`a`i`g]W`UbX`]b`UbU`mg]g`Ug`Ub`]bH`Y`W]`U`di`fgi`]h`

7ci fgY`@YUfb]b[`Ci hW`a`Yg

%`5`dd`miXYHJ]YX`k`cf_]b[`_bck`YX[Y`cZUb`UbU`m]W]`a`Yh`cX`"
&`8`Ya`cbghfUH`h`Y`g][`b]Z]W]bW]`cZa`U_]b[`X]g]W]d`]bYX`XYW]g]cbg`k`Yb`i`bXYfU_]b[`Ub`UbU`mg]g`"
'`" `I`bXYfgHUbX`h`Y`]a`]hg`cZUb`UbU`m]W]`a`Yh`cX`UbX`Ufh]W`UH`h`cgY`]a`]hg`h`fci`[`U`W]gY`gh`Xm`

HYUWX]b[`GhfUH[]Yg`

H\Y`Y`W]`fY`k`]`]b]fcXi`W`h`Y`YggYb]U`UgdYW]g`cZYUWX`UbU`m]W]`a`Yh`cX`ž`h`dfc]`jXY`U`VUg]g`Zcf`Z`f`h`Y`f
X]gW`gg]cb]b`h`Y`h`h`c]f]U`gž`UbX`h`c`dfc]`jXY`h`Y`VUg]W`_bck`YX[Y`Zcf`h`Y`UggYgga`Yb]h`H\Y`h`h`c]f]U`h]a`Y`k`]`
VY`X]j`]XYX`VYh`YYb`gh`XYb]h`YX`dfYgYb]h]cb`#]gW`gg]cb`cZfYUX]b[g`UggcW]UH`X`k`]h`Ub`UbU`m]W]`
h`Y`Wk]b]ei`Y`fU`]ghk`]`VY`dfc]`jXYX]ž`UbX`U`X]gW`gg]cb`cZh\Y`Wci`a`dcbYb]g`cZh\Y`dc]f]Z`c`cZUbU`mgYgž`
h`c[Yh`Yf`k`]h`Ub`cddcf]i`b]m]h`c`dfUW]W]`UbU`m]W]`h`Y`Wk]b]ei`Y`"H\Y`U]a`cZh\Y`h`h`c]f]U`]g`h`c`[]j`Y`gh`XYb]g`U
Wk]UbW]`h`c`Xc`gca`Y`h`UbX]g]cb]f]k`cf_]b`h`Y`gUa`Y`Zcf`a`]b`k`X]gW`gg]cbg`UfY`U`gc`hU_]b[`d`UW`"

5ggYgga Ybh

GYY`A ccXY

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y`8UH`	Gh XYbh@YUfb]b[Ci hWta Yg`5ggYggYX
5bU`mg]g`=	' \$	&#/%\$#&\$&\$`\$) . \$\$`DA	%z&Z
5bU`mg]g`=	')	\$) #/%\$#&\$%-`\$) . \$\$`DA	%z&Z
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5ggYgga Ybh8YHJ]`g

5ggYgga Ybh%`5bU`mg]g`=

GHUfhXUH`. `Bch5dd`]WUV`Y

8YHJ]`g.

; fUd\]Wk cf_`Uddfcd]UH`hc`h\Y`a YhcXz`UbX`U`ZcW`gYX`YI d`UbUH]cb`]b`dfcgY`cZbc`a cfY`hUb`%\$\$\$
k cfXg"

Gh XYbh]k]``fYW]j Y`k f]hYb`ZYXVUW_`UbX`U`a Uf_`"

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

GYY`A ccXY

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

5ggYgga Ybh&.`5bU`mg]g`=

GHUfhXUH`. `

8YHJ]`g.

; fUd\]Wk cf_`Uddfcd]UH`hc`h\Y`a YhcXz`UbX`U`ZcW`gYX`YI d`UbUH]cb`]b`dfcgY`cZbc`a cfY`hUb`%\$\$\$
k cfXg"

Gh XYbh]k]``fYW]j Y`k f]hYb`ZYXVUW_`UbX`U`a Uf_`"

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

GYY`A ccXY

5 hYbXUbW F Yei]fYa YbHg

Gh XYbHg UfY gHfcb[mYbWci fU[YX'hc UthYbX'U''WUggYg UbX'fYj]Yk ''YWhi fY'fYWcfX]b[g"

7 ci fgY'GWXYXi `Y

[J Yk WUgg'ha YhUVY](#)

H]a YhUV`Y`

8UhY	HmdY	7cbhYbh
C`K YY_'; 'GYdhYa VYf'!'- GYdhYa VYf	C b`]bY'5Wij]m	GY`A ccXY'Zcf'hY'Wci fgY'gWXYXi `Y"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

Ʒmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-',) "' ' ' %cf'Ya U]'H'Ya 'cb'YI HYfbU'HY'hgi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUfl" Ʒmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'ZU' 'hk]H'Hi fb]h]b' mci 'a UmUdd'm'Zc'f'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYHU]b' mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmcH'Yf'fY'Yj UbhXcW a Ybhtg'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmci f'YI HYbg]cb'Udd']W]h]cb" Ʒmci 'Ya U]'9I HYfbU'Gi ddcfhmci 'k]
Ui 'ca UH]W]m'fYW]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY' mci 'k]'bYYX'hc'gdYW]Z]W]m'Ug_ 'Zc'f'cbY"
Hi fb]h]b'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'hi g'cb'Hk]HYf"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]HYX'Y'YW'fcb]W]m'j]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba Ybht' Ʒ]bgHUbVW'g'k \YfY'H'g]g' bchidcgg]V'Yž'hk]'VY'ghUH'X'cb' mci f'Wci fgY'g'A ccX'Y'g]HY'k]H
U'HYfbUH] Y'gi Va]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va]hUgg][ba Ybht'cb]bY'j]U'A ccX'Y. \h'hdg. #gh XYbhi bgk "YXi "Ui #ck!
gi Va]hUgg][ba Ybhta ccX'Y

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`]VYfUHY`WXYUH]b[`hc`UWV]XYbhU`mWc`dm]b[`Zca `U`gci fW`k]h`ci hUW`bck `YX[Ya Ybh`

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

7 cdm]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

5 WUXYa]W**≠**Zcfa Uh]cb