



MUSC3706

DYfZcfa UbWV '@JVcfUhc fm7 'f7 fYUhj Y 'DfUWjWV #A i g]W
DYXU[c[mŁ

HYfa 'CbY''##'&\$&%

GWcc``cZHAY'5ftg'UbX'A YX]U''##'1 BGK ``5ftg'UbX'GcWJU``GWYbWg

7ci fgY`Cj Yfj]Yk

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B Ua Y	9a U]`	5j U]`UV]`]m	@cWJhcb	

7ci fgY'8YHJ)`g

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Gi a a UfmicZ\hY'7ci fgY

A I G7' +\$*`DYfZcfa UbW'@UVcfUhcfm7`fA i g]W7fYUhj`Y`DfUW]WV`/`A i g]WDYXU[c[nE`]g`hY`h`]fX
DYfZcfa UbW'@UVcfUhcfmVci fgY`Zcf`gh`XYbHg`Ybfc`YX`]b`hY`A i g]W7fYUhj`Y`DfUW]WV`UbX`A i g]W
DYXU[c[mia`U`c`fg`c`Z`h`Y`6`U`W`X`Y`c`f`c`Z`A i g]Wdfc[fUa`" `#`W`b`g`c`]X`U`h`g`h`Y`a`]`Y`g`h`c`b`Y`g`U`W`X`Y`j`Y`X`]b`Y`U`f`Y`f`
DYfZcfa UbW'@UVcfUhcfmVci fgYgZ`Z`f`h`Y`f`X`Y`j`Y`c`d`]b[`h`Y`g`h`i`X`Y`b`h`g`h`Y`W`b`]W`U`Z`W`Y`U`h`j`Y`U`b`X`]b`h`Y`f`d`f`Y`h`j`Y`
g_]`g`"H`Y`V`ci fgY`U`gc`Vi`]X`g`c`b`g`h`i`X`Y`b`h`g`U`k`U`f`Y`b`Y`g`g`c`Z`U`f`U`b[`Y`c`Z`a`i`g]W`U`[`Y`b`f`Y`g`U`b`X`d`f`U`W`]W`g`
Y`b`V`ci`b`h`Y`f`X`]b`c`h`Y`f`V`ci fgY`g`]b`h`Y`a`i`g]W`d`f`c[fUa`" `G`h`i`X`Y`b`h`g`Y`U`f`b`h`c`U`d`d`m`W`]h`W`" `]g`h`Y`b`]b[`U`b`X`
f`Y`U`X`]b[g`c`Z`d`Y`f`Z`c`fa`Ub`W`" `]h`Y`f`U`h`i`f`Y`U`b`X`[`U`]b`Z`f`h`Y`f`g_]`g`U`b`X`Y`i`d`Y`f`Y`b`W`]b`h`Y`Y`X`Y`Y`c`d`a`Y`b`h`c`Z`Y`b`g`Y`a`V`Y`
d`Y`f`Z`c`fa`Ub`W`g`"

BchY. `H`h`]g`]g`U`%&`I`C`7`V`ci fgY`" `M`ci` `k`]`" `Y`b`f`c`]b`(` `I`C`7`]b`Y`U`W`c`Z`h`f`Y`Y`gi`W`W`g`g`j`Y`h`Y`f`a`g`k`]h`U`f`Y`gi`h`
f`Y`d`c`f`h`Y`X`V`m`U`g`]b[`Y`[`f`U`X`Y`U`h`h`Y`Y`b`X`c`Z`h`Y`h`]f`X`(` `I`C`7`V`ci fgY`"

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

%`5`d`d`m`W`]h`W`g`a` `U`b`X`U`b`U`m`g`]g`c`Z`h`Y`" `]h`Y`f`U`h`i`f`Y`c`b`d`Y`f`Z`c`fa`Ub`W`Z`U`b`X`c`Z`a`U`g`h`Y`f`W`U`g`g`d`f`Y`g`Y`b`h`h`j`)

5ggYgga Ybh

; YbYfU`]bZcfa U]cb UVci hYI Ua]bU]cb fYei]fYa Yb]g`]g`Uj U]UVY`cb`hY`A ccXY`g]h`ZcF`h]g`Wci fgY"

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5ggYgga YbhHUg_	K Y][\h	8i Y`8UH	Gh XYbh@YUfb]b[Ci hWca Yg`5ggYggYX
9bgYa V`Y`Wc]bf]Vi h]cbž dYfZcfa UbW]gždUfhWXYW_]b[hYgh	&\$i	9bgYa V`Y`dUfhWXYW_]b[bcfa U`m]c`VY`Wca d`YhX`Vm hY`YbX`cZk YY`_%%cZYUWX hYfa	'
DYfZcfa UbW`dcfhZc`]c`	%)	GYWcbX`dUfhXi Y`&\$h Bcj Ya VYf	%
DfUW]WY`YI Ua]bU]cb`	' \$i	9I Ua]bU]cbg`k]`VY`Y`X`]b Y]hYf`hY`Ughk YY`_cZ Bcj Ya VYf`cf`hY`Z]fghk YY`_cZ8YW`a VYf7ca d]cg]h]cb DcfhZc`]cg`k]`VY`Xi Y`UhihY gUa Y`]a Y"	%ž&
DYfZcfa UbW`#fYgYbU]cb`	')	&- #\$\$&\$&\$`%%%-`5A	%

5ggYgga Ybh8YhU]`g

5ggYgga Ybh%`9bgYa V`Y`Wc]bf]Vi h]cbždYfZcfa UbW]gždUfhWXYW_]b[`hYgh

8YhU]`g.

8]fYVhZYXVUW`Xi f]b[`fY`YUfgU`g`UbX`k cf_g\cdg`UbX`U`Zcfa U`fYdcfhUhihY`WcbW] g]cb`cZ`hY`gYgg]cb" Gh XYb]g]f]Wc]bf]Vi h]cb`h`YbgYa V`Y`dYfZcfa UbW]g`UbX`k cf_g\cdg`k]`VY`UggYggYX`h]fci [\ `U`dUfh WXYW_]b[`YI Ua]bU]cb"

9bgYa V`Y`dUfhWXYW_]b[`k]`VY`i bXYfhU`Yb`]b`H%ž`H&`UbX`H` ""`#X]j]Xi U`mcf`]b`ga U` [fci dgžgh XYb]g`k]` dYfZcfa `k cf_g`cf`YI Wfd]g`cZk cf_gžgh X]YX`UbX`dYfZcfa YX`Xi f]b[`hY`h]a YghYf`"K` \YfY`Uddfcdf]U]hž YI Wfd]g`k]`VY`gY`YWYX`Vm`hY`dUfhWXYW_]b[`YI Ua]bYf"

5ggYgga Ybh&`DYfZcfa UbW`dcfhZc`]c`

@Yb[h.) \$ \$`k cfXg`dYf`dUfh!`a]b]a i a

8YhU]`g.

Hk c`dcfhZc`]cg`cZ`UbbchU]hX`gci fW`a U]hYf]U`i gYX`]b`dYfZcfa UbW`dYf`dUfh]cb`fV]V`]c[fUd`mž`X]gWc[fUd`mž`j]XYc[fUd`m]UbX`bc]hY`g`cb`Uh`YUgh(`a`UghYf!`WUggYgE`

DcfhZc`]cg`k]`VY`gi Va]hYX`h]fci [\ `Hi`fb]h]b`UbX`ZYXVUW`_j]U`@A`G

5XX]h]cbU`XYHJ]g.

F YZf'rc'hY'bchYg'Zcf'h]g'hUg_'cb'A ccXY

5ggYgga Ybh' . 'DfUW]W]YI Ua]bUH]cb

8YHJ]g.

H\Y`YI Ua]bUH]cb'cZdYfZcfa UbW'\Ug'fk c'fY`UH`X'dUfng" 'æghfi a YbHU`UbX'j cWU`'ghi XYbhtg'k]`VY`YI Ua]bYX
cb'hYVXb]WU`fYdYfrc]fY`UbX'g][\h'fYUX]b['Uddfcdf]UH`'rc'h\Y]f']bghfi a YbHU`'cf'j cWU`'gdYWU]gUH]cb'f] i Ł
Xi f]b['H&"'5h'h\Y`YbX'cZH' ž&) !a]bi hYgfcZfYdYfrc]fY`k]`VY`dYfZcfa YX']b'U'gYa]!Zcfa U`WcbWfH
Ybj]fcb a Ybhf&& 'Ł'7 ca dcg]h]cb'ghi XYbhtg'k]`dfYgYbhtk c'dc'fZc`]cg'cZk cf_ 'h\Y`žfghUih\Y`YbX'cZH&/
h\Y`gYWcbX'Uih\Y`YbX'cZH' ""

: YYXVUW_ 'K f]hYb'fYdcfncb'dfUW]W]YI Ua 'UbX'Wca dcg]h]cb'dc'fZc`]c"

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5XX]h]cbU`XYHJ]g.

5h'h]g'dc]bhk Y`Ybj]gU[Y`j] Y`YI Ua]bUH]cbgž'ZJW`'rc'ZJW`"

5ggYgga Ybh(. 'DYfZcfa UbW`#dfYgYbHU]cb

8YHJ]g.

H\fY`dYfZcfa UbW`#dfYgYbHU]cbg'k]`VY`WcbXi WYX'Xi f]b['k cf_g\cd'gYgg]cbg']b'H%žH&'UbX'H' ""

Gdc_Yb`ZYXVUW_k]`VY` []j Yb`Vmih\Y`YWih fYf']b`WUggž'UbX'k f]hYb`ZYXVUW_j]U`@A G

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5XX]h]cbU`XYHJ]g.

H\]g`Wca dcbYbhk]`U'gc']bWi XY`U'g\cfhWcbXi W]b['YI Ua ž\Y`X']b'h\Y`ž]bU`'YWih fY#gh X]c'cZH%"fH\]g'k]`
VY`U`'cb[Yf'hUbi gi U`'YWih fY#gh X]c']b'cfXYf'rc'UXYei UH`'miUW`ca a cXUH`'h\Y`UggYgga YbhdfcW'ggŁ

.

Gh XYbhtg'k]`Xc'U'a]b]a i a 'cZ&']b!WUgg'dYfZcfa UbW'g']b'H&'UbX'%']b!WUgg'dYfZcfa UbW`']b'H' ' !'h]g
cj Yff]XYg'h\Y`]bZcfa U]cb']b'h\Y`XYgf]dc]h]cb'UVcj Y"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

BchUj U]UV`Yb[YWgdchYb Y `] E `gdcb[`cZ] E cfm Wk]Y Y`UbX`hY a YUjf hYbhcZhY `]bhY `]b[

F YWca a YbXYX`F Ygci fWg

BchUj U]UV`Y

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

: YYXVUW`cb`hY`Wci fgY`k `]`VY`a UXY`h`fci [\ `hY`a m9l dYf]YbW`E i Ygh]cbU]fY" H\]g`]g`U`bYk `Wci fgY" `kg
W`b`hY`bh`UbX`h`UW]b[`a Y`h`c`Xg`\Uj Y`VYYb`g`UdYX`dUfhm]b`fYgdcbgY`h`Yj U`i Uh]cb`cZYUf]Yf`DYfZ`fa UbVW
@UVcfUhcfm7ci fgYg`Uh`h`]g`Yj Y" `7\Ub[Yg`]bWi XY`U`ga U`Yf`WUgg`g]nYzYb\UbW`X`]b!WUgg`dYfZ`fa UbVW
cddcfh`b]hYgž`hY`d`Ubb]b[`cZ]bZ`fa U fY" b]b[`dYfZ`fa Ub]g`] E i Y Y`U`

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`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`Ug`Y`
HY`Yd`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`)`"``"``%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`"Gi`ddc`fh`
`l`ci`fg`UfY`,`.\$`\$Ua`-`-%`\$.\$`\$da`i`cb`k`YY`_X`Umg`U`b`X`-`.\$`\$Ua`-`-`).`.\$`\$da`i`cb`k`YY`_Y`b`X`g`f`l`*)`X`Umg`U`m`Y`U`f`l`"Ʒmci`
UfY`i`b`UV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Z`Ji`h`k`]h`Hi`fb]h]b`mci`i`a`Um`Udd`m`Z`f`U`b`YI`HY`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`U`b`m`c`h`Y`f`f`Y`Y`U`b`h`X`c`W`a`Y`b`h`g`k`h`c`
]b`Wi`XY`U`g`Y`j`]X`Y`b`W`hc`gi`ddc`fh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`
Ui`h`ca`U`h]W`U`m`f`Y`W`]j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z]W`U`m`Ug`_`Z`f`c`b`Y`"
Hi`fb]h]b`U`gc`d`fc`j`]X`Y`g`i`d`X`U`h`Y`g`c`b`h`Y`]f`g`m`g`h`Y`a`i`g`h`U`h`g`c`b`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`c`b]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`c`f`U`A`cc`X`Y`
Ugg][`ba`Yb`h`i`h`]b`g`h`U`b`W`g`k` \Y`f`Y`h`l`g`]g`b`c`h`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`c`b`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`fa`U`h]cb`c`b`l`ck`hc`gi`Va`]h`Ugg][`ba`Yb`h]g`c`b]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ck`!
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`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`miWc`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

