



MUSC2703

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HYfa 'Hk c''##'&\$%-



7ci fgY'8YHJ]`g

7fYX]hDc]bHg`(`

Gi a a UfmcZh\Y'7ci fgY

Gi VYWh5fYU.'? ge[U B W d_ S` UW ? ge[U 7` eW_ T W

⊕`h]g'dfUW]W`W`i fgY`mci `k]`YI hYbX`mci f`UXj UbWX`]bghfi a YbH`žj cWU`cf`W`a dcg]hcb`g_]`g`k]h`cbY!
h!cbY`gi ddcfhiZca `U`gdYW]U`ghh hcfz`UbX`W`bhYI h U`gY`hY`Udd`]W]hcb`cZh`cgY`g_]`g`h`fci [\

5ggYgga Ybh

Q-YfY'mci 'WUbc'i h]bY'UbmifY'Yj Ubh]bZcfa Uh]cb'hUhk Ug'bc'h]bWl XYX'']b'5 A G'Vi ha Umidfcj Y'\Y'dZ'`Zcf
mci f'gh XYbhg": cf'Yl Ua d'Yžmci 'a][\hdfcj]XY'XYfU]g'cb'hY'fYZfYbW]b['gmgtYa ž"']b_g'hc'dfYj]ci g
gh XYbhYl Ya d'Ufg'cf'hY'XYg][bUfX'k YY_]b'hY'Włi fgY'hUhmci 'k]'X]gW gg'hY'UggYgga YbhUh'Yb[h"
a dcfUbhñž'h.]g'gYW]cb:]g'Ub'UfYU'Zcf fgY h"

8YHJ]g. '7 f]hei Yg:k]''VY'gi Va]hYX'UWfcgg'H%ž H&UbX'H' "'H\YgY'k]''VY'fY'UhrX'hc'a Ugh'fWUggYg

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8YHU]`g. : cf'dYfZcfa UbW`ghi XYbhtg`YI Ua]bUhcgb`k]`VY`i bXYftU_Yb`]b`H' ""Gh XYbhtg`k]`dfYgYbhU
&)!a]bi hY`dfc[fUa a Y`]bW`X]b[`) `a]bi hYg`cZHYWb]WU`k cf_žXYj]gYX`]b`bY[ch]Uhc`b`k]h`h`Y]f`gdYWU`]gh
h`h`c`fg`h`c`gi]h`h`Y]f`dYfgcbU`]b`h`f`Y`g`h`UbX`h`f`U`Y`W`c`f`Y`g`""Gh XYbhtg`]XYbh]Z]b[`Ug`'Unn`gdYWU`]g`h`k]`dfYgYbh
h`Y`W`b]WU`k cf_`Z`ca `h`Y`'Unn`gm`UVi g`XYj]gYX`Z`c`f`h`]g`V`c`i fgY`"H`Y`YI Ua]bUhc`b`k]`U`gc`]b`W`i XY`U`g`c`f`h`
g][\h`f`Y`U`X]b[`h`gh`Z`c`f`U`"gh XYbhtg`"H`Y`YI Ua]bUhc`b`k]`U`gc`]b`W`i XY`U`g`c`f`h`g][\h`f`Y`U`X]b[`h`gh`Z`c`f`U`
gh XYbhtg`"H`Y`g`k]`VY`h`Y`Z]bU`UggYgga Ybh`U`g_`Z`c`f`dYfZcfa Yfg": cf`V`c`a dcg]h`c`b`gh XYbhtg`ž`d`c`f`h`Z`]c`g`k]`
VY`gi Va]h`X`]b`H' ""D`c`f`h`Z`]c`g`a Um]b`W`i XY`U`b`m`b`i a VY`f`c`Z`k cf_g`ž`Vi h`h`Y`h`c`h`U`Xi f`U`h`c`b`c`Z`k cf_g`g`c`i `X
VY`%)!&\$`a]bi hYg`"G`W`c`f`Y`g`g`c`i `X`VY`gi Va]h`X`ž`U`c`b[`k]h`f`Y`W`c`f`X]b[g`c`Z`U`"k cf_g`ž`UbX`c`b`Y`c`Z`h`Y
f`Y`W`c`f`X]b[g`a i ghVY`c`Z`U`"j Y`dYfZcfa UbW`""H`Y`g`k]`VY`h`Y`Z]bU`UggYgga Ybh`U`g_`Z`c`f`
V`c`a dcgYfg": YYXVUW_`K f]h`Y`b`f`Y`d`c`f`h`c`b`d`f`U`W`]WU`"YI Ua `UbX`V`c`a dcg]h`c`b`d`c`f`h`Z`]c`"

Hi fb]h]b`gYh]b[. H`Y`g`]g`b`c`h`U`Hi fb]h]b`Ugg][ba Ybh

5 HbXUbW F Yei]fYa Ybfg

5 HbXUbW UhY A cbXUmgh Xjc WUggYg UbX 9bgYa VY fY\YUfgU'g]g'a UbXUhc fm]b h.]g'Wci fgY"

I bYI WgYX UVgYbW Zca 'a cfY hUb'&) i 'cZHY'ghi Xjc WUggYg'cf'9bgYa VY fY\YUfgU'g'k]''fYgi 'h]b hY Uk UfX]b['cZU'ZJ]'[fUXY"

Gh XYbfg'a i ghUHbX Uh'YUgh('cZHY - 'a UghYfWUggYg UWfcgg'hY'h.fYY'h'fa g"

7 ci fgY'GWYXi `Y

[J.Jk.WUgg'ha YhUVY](#)

H]a YhUV`Y`

8UH	HmdY	7cbhYbh
K YY_% "' >i bY!' +>i bY	Gh Xjc	<p>A cbXUmž - .\$\$!%\$. ' \$'cf'%%\$\$!'%&.' \$]b'Gh Xjc ' ' ('UWUfX]b['hc'nci f'ck b'h'a YhUVY</p> <p>H\.]g']g'U'g_]`g!VUgYX'Wci fgY""5'h'a YhUVY'Zcf']b! WUgg']bZc'fa U`f]Y""bchUggYggYXEdYfZc'fa UbW'g'k]` VY'di V`]g\YX'cb'A ccX'Y'Xi f]b['C!k YY_"</p> <p>H\YgY'dfUW]W'dYfZc'fa UbW'g'UfY X]gh]bW]Zca 'hY UggYgga YbhdYfZc'fa UbW'g'k \]W'k]`VY'\Y'X'UhY YbX'cZhf'a ""</p> <p>H\Y'gYVcbX'Wca dcbYbhcZHY'A cbXUm gh Xjc WUggYg'k]`VY']b!WUgg'X]gW'gg]cb'UbX dfUW]W'dfYgYbH]cbg'fY'Uh]b['hc'hY'A]YghcbYg'cZ bZc'fa YX'A i g]U]bg\]d'UbX'9ZYW]j Y'DfUW]W'ž'UbX fY'Uh]b['hc'hY'fYdYfrc]fY'k \]W'YUW'gh XYbh]g gh Xm]b['k]h'hY]f'gh Xjc'hYUWYf"</p> <p>6f]b['gVcfYg'UbX']bglfi a Ybfg'hc'YUW'gh Xjc'WUgg"</p>
	@YWi fy	<p>: f]XUm'%) .\$\$!%+. \$\$'Gh Xjc' ' ' (</p> <p>A UghYfWUgg'bc'(žk]h'BY'U'6fck b'fi ? Gci bXUfh]ghž @Jdhd'cfWYghfUk</p> <p>\hd.##k k k "bY'UVfck b"Wca #</p> <p>\hdg.##Zya U'Y'UdhcdcfWYghfU"k cfXdfYgg"Wca #</p>
K YY_&.%\$>i bY!'%(>i bY	<ca Yk cf_	E i YYbf] 6]f]XUm<c']XUm!'bc'WUgg'hcXUm
K YY_" .%+>i bY!'&% >i bY	Gh Xjc	A cbXUmž - .\$\$!%\$. ' \$'cf'%%\$\$!'%&.' \$]b'Gh Xjc ' ' ('UWUfX]b['hc'nci f'ck b'h'a YhUVY

K YY_(.'&('>i bY!'& >i bY	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY
K YY_). '%>i 'm!') '>i 'm	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY
	@YWi fY	A UghYfWUgg : f]XUm'%) .\$\$!%+. \$\$'Gh X]c' ' (A UghYfWUgg'bc') žk]h '@]gU'DU`UbX]'f]]c']bŁ
K YY_*.'; '>i 'm! '%&'>i 'm	<ca Yk cf_	DfUW]W`K YY_
K YY_+. %) '>i 'm! %- '>i 'm	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY
K YY_.'; b&&'>i 'm! '&*>i 'm	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY DYfZcfa UbW'DfYgYbH]cb'5ggYgga YbHg
K YY_-'.'&-'>i 'm! '& 5i [i gh	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY DYfZcfa UbW'DfYgYbH]cb'5ggYgga YbHg
K YY_%\$.') '5i [i gh!'-' 5i [i gh	Gh X]c	A cbXUmgž- .\$\$!%\$. ' \$'cf%%\$\$!'%&.' \$]b'Gh X]c ' ' ('UWŁfX]b['hc'nci f'ck b'hja YHUVY DYfZcfa UbW'DfYgYbH]cb'5ggYgga YbHg
	@YWi fY	: f]XUm'%) .\$\$!%+. \$\$'Gh X]c' ' (GYf]ci g': i b A UghYfWUgg#YWi fY'k]h 'A]_Y'B

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< i XgcbžF "f% - +L" E fa W f_ W fZWZ[efack aXfW_ ba dgTSfa" 7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"
b[]gž="f&\$\$*L" FZWbWad_ S` UWaXbabg`Sd_ ge[Už: Ufb\Ua ž6i f]b[hcb. 5g\ UH
? fUa Yfž">"f% , , L">[efW fa fZW_ ge[U" BYk `Mcf_ `GW]fa Yf"
@Uk gcbž7 "/ 7 fcggž">"f9Xg"L"f% -) L" FZW5S_ Td[VYWUa_ bS` [a` fa fZUW`Sd` W" 7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"
@Y\ a Ubbž@ "f% () L" FZW[fWbdWsf[a` aXea` Ye" BYk `Mcf_ `8cj Yf"
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A UfWUbh< UmVcl žG"9"ž/ `K `]gcbž: "9" f% - &L" DYfgcbU"]mUbX`gfYgg`]b`dYfZ`fa]b[`Ufh]ghg" BWlea` S`fk S` V [`V[h[VgS^V]XWdW UWež% ž%\$%\$%\$* , "
A cnUfř@ "f%+) *L`3 FdWsf[eWa` fZW8g` VS_ W fS^Bd[U]b`Me aXH[a↑ `B`Sk[Y`HfUbg`UH`X`UbX`fYdi V]g\YX CI žcX`UbX`BYk `Mcf_ `CI žcX`I b]j Yfg]mDfYgg`% (, `UbX`%) %
A i g[fUj YžA "/ `G\Yfa Ubž6" f&\$\$' L" BWad_ [Y 4dSZ_ e" 7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"
BYi a Ubbž: "f% - ' L" BWad_ S` UWbdSuf[UWe aXfZWeWhW fWW fZ S` V WYZfWW fZUW fgdWežBYk `Mcf_ `GW]fa Yf"
DUfbW hžF "/ `A Wd\Yfgcbž: "f&\$\$&L" FZWeU[W UWS` V bekUZa`aYk aX_ ge[U bWad_ S` UW 5dWsf[hW efdSfW]Me `adfWSUZ[Y S` V Wsd [Y" CI žcX. CI žcX`I b]j Yfg]mDfYgg"
D]bcž8" f% , \$L" FZUW`Sd[Wf S` V U`Sd[Wf b`Sk[Y" @cbXcb. A UWa]`Ub"
DchYfž">"f9X"L"f&\$\$L" FZW5S_ Td[VYWUa_ bS` [a` fa e[Y[Y" 7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"
E i Ubmž">"A` B`Sk[Y fZW8`gfWf%+) &`hHfUbg" 9Xk UfX`F Y]`mHfUbg`UH`X`UbX`fYdf]bH`XžBYk `Mcf_ `H\Y : fYY`DfYgg`% * *
F]b_ž">"f9X"L"f&\$\$) L"? ge[US^bWad_ S` UW E fgV]Me [_ge[US^ [fWbdWsf[a` ž7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"
F cgYbž7 "f&\$\$&L" 4WfZahW Re b[S` a ea` SfSe, S eZad`Ua_ bS` [a` žBYk `<Uj Yb. `MJ`Y`I b]j Yfg]mDfYgg"
F cgYbV`i a žG" f% - &L" BWad_ S` UWbdSuf[UWe [U`See[U b[S` a _ge[U" 6`cca]b[hcb. `bX]UbU`I b]j Yfg]mDfYgg"
GWXYb_Yfž<Y]bf]W`f% ' ' L`8[hWYdSbZ[U S` S`keWežF Ydi V]g\YX`BYk `Mcf_ `8cj Yf`Di V]`W]h]cbg`f% * - L`
GYUhcž8ci [`Ug" f% , ' L" FZWSd`ea` Y, S dMeWsdJZ S` V [`Xd_ Sfa` Yg[VW`BYk `Mcf_ ; UfUbX"
Ghck Y`žF "f% - \$L" H[a↑ fWUZ` [cgWS` V bWad_ S` UWbdSuf[UW[fZW`SfWW]YZfWW fZ S` V Wsdk` [WfWW fZ UW fgdWež7 Ua Vf]X[Y. 7 Ua Vf]X[Y I b]j Yfg]mDfYgg"

D fX]h fg]

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HUfi g_]bžF JWXUfXžf%- -) E"FWy fS` V SUf, 7eeSke a` _ge[U S` V bWd_ S` UWz CI žcfX. CI žcfX: I bJj Yfg]m
DfYgg"

Hi f_ž8"; "i= 'Sh[WeUZg^W' f%- , &L" HfUbg" F b`l '8 bž b ž I bJj Yfg]m

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Hi fb]hb`Gi Va]gg]cb

≠mci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi`ddcfh`cb`-`,`)``%`cf`Ya`U`H`Ya`cb`YI`H`f`b`U`H`f`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f`l`*)`XUmg`U`m`Y`Uf`l`"≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`f`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`f`b`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`l`hc`
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`f`bg]cb`Udd`]W`h]cb"≠mci`Ya`U`9I`H`f`b`U`Gi`ddcfh`mci`k`]`
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`m`U`g`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`Y`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`U`g`_`g`a`i`gh`V`Y`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`Y`b`h`-`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]`Y`gi`Va`]gg]cb`X`Y`h]`g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`b`h`g`i`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`b`h`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`WXYUhb['hc`UWVXYbhU`mWčdm]b[Zca`U'gci fW`k]hci hUW_bck`YX[Ya Ybh'

I BGK`[fci dg'd`U[]Uf]ga`]bhc`hY`Zc`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]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 UfhUbX`XYg][`b`dfc`YWgž Ug`k Y`Ug`dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbhg`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`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf'g`]XYUg'cf'k cfXg`k]hci hWYX]hUbX`hc`d]YW]b[`hc[`Y`hYf`ei`chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk`k`c`Yžk]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`UW`ei`]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]b[`UWUXYa`]Wk`cf_]`"

#Uddfcdf]UHY`W]h]cb.`7`]b[`gci`fW`g`k`]\]W`]\Uj`Y`bchVYYb`fYUXžk]hci hUW_bck`YX[]b[`hY`gYWč`bXUfm`gci`fW`Zca`k`]\]W`_bck`YX[`Y`cZ`hY`a`]\Ug`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`c`Y`cf`]b`dUf]žk`\YfY`]h`Ug`dfYj`]ci`g`m`VYYb`dfYdUfYX`cf`gi`Va`]hYX`Zc`f`UbchYf`UggYgga`Ybhcf`Wč`i`fgY`UhI`BGK`cf`UbchYf`i`b]j`Yfg]m"

7c`ffYW`h`fYZYfYbW]b[`d`fUW]W]g.

- DUFUd`fUg]b[`žgi`a`a`Uf]g]b[`ž`YggUm`k`f]h]b[`UbX`h]a`Y`a`UbU[`Ya`Ybh`

