



MUSC2115

A i g]WcZ\Y`%- h`7 Ybli fm

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

7ci fgY`Cj Yfj JYk

`GHUZZ7cbhUWhi8YHJ]`g`

`7cbj Ybcfg`

| | | | | |
|-----------------|-----------------------------|----------------|-------------|------------------|
| B Ua Y | 9a Uj` | 5j Uj`UVj]m | @cWWhcb | D\cbY |
| 9a YfmGWXi VYfh | Y"gwXi VYfh4 i bgk "YXi "Ui | VmWcbgi `hUhcb | K YVghYf`%% | - ' ,) `* , \$, |

GWcc`7cbhUWhi`Zcfa Uhjcb

Fcca "`%&Z`Yj Y`` `F cVYfhK YVghYf`6i]X]b[

D\cbY. f\$&L- ' ,) `(,) *

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

K YVg]h: [\hdg.#gUa "Ufhg"i bgk "YXi "Ui](#)

PYYGWcc`eZnY`5fg`Ub9A`YX]bk ci`H`fa`rc`F`YgdYWz`m5W_bck`YX[Y`h`Y`HA`U

`7c`hY`]U`gk

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ`h`Y'7ci fgY

5`ghi XmicZ%- h!W`bh fmi9i fcdYUb`a i g]W]b`]hg`\\]grcf]WU`žgcW]U`UbX`W`h`fU`W`b`h`I`hg`" `bW`i`XYg`U`h`h`cf]U`"]b`
a i g]W`c`[]WU`fYgYUfW`h`W`b]ei Yg`UbX`X]gW`gg]cb`c`Z`\\]grcf]WU`dYfZ`fa`]b[`W`bj`Y`b]`cbg`"

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

%` 8Ya`cbgfU`h`Z]a`]]Uf]mik`]h`h`Y`a`cgh`fY`dfYgY`b]h]j`Y`W`a`dcg]h]cbg`c`Z`h`Y`F`ca`Ub]h]WdYf]cXž`
]bW`i`X]b[`cdYfUž`@]YXYfž`gc`c`UbX`V`X`Ua`VYf`a`i`g]W`UbX`c`fW`X`Y`gfU`k`cf`_g`"

&" 8]gW`gg`h`Y`\\]grcf]WU`g][`b]Z]W]bW`UbX`gm]gh]WZY`Uh`fYg`c`Z`%-`h`W`bh`fmiW`a`dcg]h]cbg`]b`Ub`
Uf]h]W`U`h`UbX`]b`Z`fa`YX`a`UbbYf`"

'`" 8]gd`UmUW`ei`]fYX`_bck`YX[`Y`UVci`hia`i`g]W]UbX`gcW]Y]mi]b`%-`h!W`bh`fmi9i`fcdY`UbX`h`Y`fc`Y`%-`h!`
W`bh`fmiUY`gh`Y`h]Wgž]b]h`Y`W`i`U`]XYUg`UbX`k`cfX`!j`Yk`d`UmYX`]b`g`Ud]b[`a`cXYfb`a`i`g]W`c`[]WU`"

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

5 hYbXUbW F Yei]fYa Ybhg

Gh XYbhg UfY gfc b[mYbWci fu[YX hc UhhYbX U WUggYg UbX fYj]Yk YWfi fY fYWcfX]b[g"

7 ci fgY GWYXi Y

[J Yk WUgg ha YhUVY](#)

Hja YhUVY

| 8 Uhy | HmdY | 7 cbhYbh |
|--|------|--|
| K YY_% %+ : YVfi Ufm! %& : YVfi Ufm | | @YWh fY. <]ghcf]WU VUW_ [fci bX hc a i g]W]b hY 7 %- h F ca Ubh]Wga]b a i g]W A i g]WU [YbfYg UbX gmi]gh]W WUfUWYf]gh]Wg Hi hc]U`g. 6YYhcj Yb`g` fX UbX * h Gma d\cb]Yg/ K YVYf. 8Yf: fY]gWkØmžK c`Z; `Yb`GVWbY |
| K YY_&.&(: YVfi Ufm! `& : YVfi Ufm | | @YWh fY. C fWYgfhUg UbX c fWYgfhU]cbžhY "a YUb]b[" cZ]bghf a YbhU`Wc`ci fg Hi hc]U`g. Gma d\cbmi: UbhUgh]ei YžH]`9i `Ybgd]Y[Yž 6fU\ a gžA U\ Yf UbX K U[bYf |
| K YY_` .`&A UfW `!`* A UfW | | @YWh fY. >[WžU`ei]bhYggYbh]U`F ca Ubh]WUfhZcfa Hi hc]U`g. H\Y`Gcb[g`cZGWi VYftžGWi a Ubbž 6fU\ a gžK c`ZUbX`F "GfUi gg |
| K YY_(.`-`A UfW `!`% A UfW | | @]ghYb]b[`hYgh`%fC fWYgfhU`UbX`@]YXŁ @YWh fY. D]Ubc`a i g]W]b hY`%- h W`bh fmi`= Hi hc]U`g. A]b]Uhi fY`d]Ubc`d]YWg/DYfZcfa UbW dfUW]W |
| K YY_) .`%*`A UfW `!`&\$ A UfW | | @YWh fY. D]Ubc`a i g]W]b hY`%- h W`bh fmi`= Hi hc]U`g. @Uf[Y`gWU`Y`d]Ubc`d]YWg/DYfZcfa UbW dfUW]W 8I 9-`DfY`ja]bUfmiUbbchUHX`fYZfYbW`"]ghUbX YggUmid`Ub`fA cbXUml |
| K YY_*.`&`A UfW `!`&+ A UfW | | EFG6K I 77 =l`a U`SeežE fgVW fe SdWSVh[eW fa X S`fWdWVsdJZ a` fZW[dVeeSke S` V bdWbSdWXd >[efW [Y FVefe \$ S` V %ž . |
| K YY_+.``\$`A UfW `!` 5df` | | @]ghYb]b[`hYgh`&`fD]Ubc`UbX`WUa VYf`a i g]WŁ @YWh fY. C dYFU`-`bU]cbU`ghmYg`UbX`Wcbj Ybhcbg |

| | | |
|-----------------------------------|--|--|
| | | Hi hf]U`g. ' #U]Ub`C dYfUžJ YfX] |
| K YY_ ; . '* '5df]'! '%\$ '5df]` | | @YWh fY. 'C dYfU`]b`hY`gYWčbX` \U`ZcZhY`WWh fm Hi hf]U`g. 'J YfX]ž6]nYhž`Di WWh]ž`K U[bYf` |
| K YY_ - . '% '5df]'! '%+ '5df]` | | @YWh fY. 'K U[bYf` Hi hf]U`g. 'K U[bYf` |
| K YY_ '%\$. '&\$'5df]'! '&('5df]` | | @]ghYb]b['hYgh" 'fčdYfUč" 'F Yj]g]cb`UbX`Gi a a Ufm |

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

HUfi g_]bžF jWUfX: 'H\Y`C I žcfX`\]gfcfmcZK Yghfb`A i gjW!`A i gjW]b`h\Y`B]bYhYbH`7Ybhi fm

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

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'WXUhf]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[YhYf'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'XYbhVYZc'fY'hY'Xi Y'XUHYžcf'Zc'f'hY'di fdcgY'cZhYa d`U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZc'fa '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 YbhZc'Wča d'Yh]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bchVYYb'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'Zc'f'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]W]bZcfa Uh]cb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`hc.

- fYei Yghg`ZcfYI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcVWXi fYg/
- gdYW]U`Vc]bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- ghi XYbhYei]hmUbX`X]gUV`]`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\h\]dg.#k k k "Ufmg"i b\]gk "YXi "Ui #W ffYbh\]ghi XYbh\]bZcfa Uh\]cb`#dfchcVc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7 fYX]h

Gc`c`DYfZcfa UbW`A U_]b[`&\$%-

7F ⇒ CG

7F ⇒ CG`Dfcj]XYf`7cXY.`\$\$\$- ;