

# MUSC1702

DYfZcfa UbW @UVcfUhcfm%f5Xj UbWXŁ

GYa YghYf'C bY''#'&\$%

GWJYbWYg. <u>\http://thdg.#k.k.k."Ufhg"ibgk"YXi"Ui #WffYbHghiXYbhg#JWUXYa]W]bZcfaUh]cb#dfchcWc`g![i]XY`]bYg#</u>

## 5WUXYa]W=bZcfaUh]cb

: cf`YggYbh]U``ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`hc.`fYei Yghg`Zcf`YI hYbg]cb/fYj ]Yk `cZa Uf\_g/cVWV dUh]cbU``\YU`h UbX`gUZYhm'YI Ua ]bUh]cb`dfcWYXi fYg/gdYW]U``Vcbg]XYfUh]cb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybhi fY/ ghi XYbhYei ]hmUbX`X]gUV]`]hm'UbX`ch\Yf`YggYbh]U``UWUXYa ]W]bZcfa Uh]cbž qYY`<u>hhda.#k k "Ufhq"i bak "YXi "Ui #W ffYbhah XYbhq#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`a![i]XY`]bYa#</u>

## 7ci fgY<sup>·</sup>8YHJ]`g

## 7 fYX]hDc]bhg \*\*

## Gi a a UfmcZh\Y'7ci fgY

GiVYWh5fYU.? ge[U

DYfZcfa UbWY '@UVcfUhcfm'%f5Xj UbWYXEXYj Y`cdgʻg\_]``gʻ]bʻgc`c`UbX`YbgYa V`Y`dYfZcfa UbWY`cf'Wca dcg]h]cb h\fci [\`dUfh]W]dUh]cb`]b`YbgYa V`YfgEž'WcbVWfhgž'a UghYfWUggYg`UbX`k cf\_g\cdg"'H\Y`Wci fgY`]bWi XYg ]bX]j ]Xi U``]bghfi Wh]cb`]b`U`j cWU``cf`]bghfi a YbhU``gdYV]U`]gUh]cb`cf`Wca dcg]h]cb`Ug`k Y```Ug`dUfh]W]dUh]cb`]b gY`ZgY`YWYX`j cWU``UbX#cf`]bghfi a YbhU``YbgYa V`Yg"`5hHYbXUbVW`UbX`dUfh]W]dUh]cb`]b`DYfZcfa UbVW K cf\_g\cd`UbX`DYfZcfa UbVW`GYa ]bUfž'U`Zcfi a 'h\Uhdfcj ]XYg`U`d`UhZcfa 'Zcf`cdYb`dYfZcfa UbVW`g`UbX`dYYf Wf]h]W]ga ž'UfY`U`gc'Wci fgY`fYei ]fYa Ybhg"

## 5 hh Y Wc b Wi g]cb c Z h ]g Wc i fgY h Y gh XY bh k ]``VY UV Y hc

%"

# 5ggYgga Ybh

Mci 'a i gh'VY'fY[]ghYfYX']b'U'I BGK 'YbgYa V`Y"``5`gcž'mci 'a i gh'fY[]ghYf'mci f'Uddfcj YX'gdYW]U`]gh ]bghfi a YbhU``cf'j cWU``hi hcf'k]h\'h\Y`G5A 'cZ]WY'fK YVghYf'@Yj Y``' Ł'Vm'K YY\_'%"'FY[]ghYf'mci f'dfUWf]WU` YI Ua]bUh]cb'dfc[fUa 'cb'h\Y`DYfZcfa UbWY'@UV'DcffU``Vm'K YY\_')"

D`YUgY`bchY`h\UhU```UggYgga YbhHUg\_g`k]``VY`X]gW ggYX`]b`h\Y`Z]fgh`YWi fY"``: cf`U```Ugg][ ba Ybhgžh\Y <Ufj UfX`cf`5D5`fYZYfYbV]b[`gmghYa`g\ci`X`VY`i gYX"``D`YUgY`fYZYf`hc`l BGK``fYZYfYbV]b[`[i]XY`cb`]bY`Zcf XYHJ]`g"``

5ggYgga Ybh'HJg_	K Y][ \h	8iY8UhY	GhiXYbh@YUfb]b[ CihWcaYgʻ5ggYggYX
DfUWgWU`YIUa]bUhjcb	)\$1	Bch5dd`]WUV`Y	%ž&
DYfZcfa UbWY Wf]h]ei Yg	%) I	Bch5dd`]WUV`Y	(
DYfZcfaUbWY`kcf_g\cd XYacbglfUh]cb`	%) ı	Bch5dd`]WJV`Y	%ž(
9bgYa V`Y`Wcblf]Vi h]cbž dYfZcfa UbWfgždUfhWtYW_]b[ h⁄gh	&\$1	Bch5dd`]₩JV`Y	&Ž

## 5ggYgga YbhHUg\_g

## 5ggYgga Ybh8YHJ]`g

#### 5ggYgga Ybh'% DfUWnjWU`YI Ua ]bUhjcb

GHUfh'XUHY.

#### @Yb[h\.`bi``

8YHU]`g. H\]g`H\g\_`]g`H\Y`W`a ]bUH]cb`cZk cf\_`]b`H\]g`Wci fgY`UbX`fYei ]fYg`H\Y`dYfZcfa UbWY`cZU`gc`c dfUWf]WU``YI Ua ]bUH]cb`cZ&\$`a ]bi HYg`Xi fUH]cb"`H\]g`]g`H\Y`Z]bU``UggYgga YbHHUg\_"K f]HYb`fYdcfh`cb`dfUWf]WU` YI Ua "

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

DfUWjWU`YI Ua ]bUhjcbg'k ]``VY`\YXXi f]b['K YY\_'%) 'fH67'L''H\Y'YI Ua ]bUhjcb'dfc[fUa a Y'g\ci`X'VY VYlk YYb'%) 'UbX'&\$'a ]bi hYg'Xi fUhjcb''>Unn'ghi XYbhg'g\ci`X'Zc``ck 'h\Y'Unn'gm`UVi g''5``ch\Yf'gh XYbhg g\ci`X']bWi XY'HYW\b]WU`'k cf\_'cZWU') 'a ]bi hYg.!'Zfca ']bghfi a YbHU`]ghg'U'gh Xmž'UbX'Zfca 'g]b[Yfg'U j cWU`]gY'''5b'YI dfYgg]j Y'UbX'HYW\b]WU``fUb['Y'g\ci`X'VY'Yj]XYbh]b'h\Y'dfc[fUa a Y/ch\Yfk]gY'H\YfY'UfY'bc a UbXUhcfmd]YWYg''H\Y'dfc[fUa a Y'a i ghVY'X]gW ggYX'k]h\'mci f'HYUW\Yf'UbX']g'gi V'YWhc'h\Y'Uddfcj U` cZh\Y'Wci fgY'Wcbj Ybcf''Mci 'g\ci`X'fY[]gHYf'mci f'dfcdcgYX'dfc[fUa a Y'Zcf'Uddfcj U`ž'h\fci [\'h\Y DYfZcfa UbWF'@UV'cb`]bY']bHYfZJWFž'VmK YY\_') ''H\Y'YI Ua ]bUhjcb'k ]``U`gc']bWi XY'U'g\cfhg][\HYUX]b[ HYgh'

K cf\_g`h\Uh`\Uj Y`VYYb`dYfZcfa YX`Ug`dUfhcZh\Y`]b!WUgg`XYa cbglfUh]cbg#dfYgYbhUh]cbg`a UmVY`dfYgYbhYX

U[U]b`]b`dYfZcfaUbWY`YIUa]bUh]cbgžVihkcf\_g`dfYgYbhYX`]b`h\]g`gYaYghYffg`dfUWf]WU``YIUa]bUh]cbg`aUm bchVY`]bWiXYX`]b`ZihifY`YIUa]bUh]cbg"

5hth.Y'h]a Y'cZmci f'dfUWJWU``YI Ua ]bUh]cbžmci 'a i ghdfcj ]XY'h\Y'YI Ua ]bYf'k ]h\'gWcfYg'cZh\Y'a i g]Wmci UfY'dfYgYbh]b["`>Unn'd`UmYfg'g\ci `X'dfcj ]XY'W\cfX'W\Uffg'Ug'Uddfcdf]UhY"

Gi Va ]gg]cb bchYg.bi ``

5ggYgga Ybh& DYfZcfa UbWY Wf]h]ei Yg

GHUfh'XUHY.

@Yb[ h\. bi ``

8YHU]`g. Dcghih\fYY`Wf]h]ei Yg`cb`]bY`Vmih\Y`XUmigdYW]Z]YX`Zc``ck ]b[`'h\Y`dYfZcfa UbWF`hc`k\]W\`]hfY`UhYg" ')\$!(\$\$`k cfXg`dYf`Wf]h]ei Y"`HYUV\Yf`fYgdcbXg`h\fci [\`U`V`c[`cb`h\fYY`cVWUg]cbg"

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

Mci 'k]``WcbHf]Vi HY'H\fYY'Wf]Hei Yg'cZdYfZcfa UbWfg'UbX#cf'Wca a Ybhg'cb'dYfZcfa UbWf!fY`UHYX']ggi Yg'j ]U Ub'cb`]bY'Zcfi a "'Mci 'k]``W\ccgY'H\fYY'ci hcZZ]j Y'W\c]Wfg'Zcf'dcghg": i ```XYHU]`g'cZH\Y'fYei ]fYa Ybhg'Zcf YUW\'dcghik]``VY'Uj U]`UV'Y'cb'A ccX'Y'cb'`YWhi fY#a UgHYfWUgg'XUmg"'Dcghimci f'Wca a Ybhg']b'H\Y'k YY\_ Zc``ck]b['YUW\'`YWhi fY#a UgHYfWUgg"

Gi Va ]gg]cb bchYg.bi ``

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

Gi Va ]gg]cb`bchYg.H\Y`]g`Ub`]b!WUgg`dfYgYbhUh]cb`k ]h\`Ub`UXX]h]cbU``Z]`Y`hc`VY`i d`cUXYX`hc`A ccX`Y

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

#### 5ggYgga Ybh(. '9bgYa V`Y'Wcbhf]Vi h]cbždYfZcfa UbWygždUfh'WXYW\_]b[ 'hYgh

#### GHUfh'XUhY.

**8YHJ]`g**. '8]fYWiZYYXVUW\_'Xi f]b[ 'fY\YUfgU`g`UbX`k cf\_g\cdg`UbX`U`Zcfa U``fYdcfhUhi\Y`WcbWi g]cb`cZh\Y gYgg]cb"`Ghi XYbhgfWcbhf]Vi h]cb`hc`YbgYa V`Y`dYfZcfa UbWrg`UbX`k cf\_g\cdg`k]```VY`UggYggYX`h\fci [\`U dUfh'W\YW\_]b[ 'YI Ua ]bUh]cb"

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

9bgYa V`Y`k cf\_`k]```VY`UggYggYX`h\fci [\`U`″dUfh'W\YW\_]b[ ´`YI YfW]gYžbcfa U``mi]b`k YY\_`% "

## Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

Ghi XYbhg UfY YI dYWYX hc di hh\Y]f bUa Yg UbX ghi XYbhbi a VYfg cb Yj YfmdU[Y cZh\Y]f Ugg][ ba Ybhg"

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

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba Ybhih\fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhicb'-', ) '' ' %cf'Ya U]`'h\Ya 'cb'<u>Yl hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui</u>"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUfŁ'' Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZJi `hk ]h. 'Hi fb]hjb'mci 'a UmUdd`m'Zcf'Ub'Yl hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hJW\_Yhbi a VYf'Zfca '9I hYfbU`'Gi ddcfhifU`cb[ 'k ]h. 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWY'hc'gi ddcfhimci f'Yl hYbg]cb'Udd`]WUhjcb'''Zmci 'Ya U]`'9I hYfbU`'Gi ddcfhimci 'k ]`` Ui hca UhJWU`mfYWY]j Y'U'hJW\_Yhbi a VYfž'Vi h]Zmci 'hY'Yd\cbY'mci 'k ]``bYYX'hc'gdYW]ZJWU`mUg\_'Zcf'cbY'' ł `G][ b]Z]WUbhmUZYWimci f`dYfZcfa UbWi`]b`UggYggUV`Y`k cf\_žVY`]hU`Zcfa U``YbX!cZgYa YghYf`YI Ua ]bUh]cbžU WUgg`hYghžU``UVcfUhcfmhYghžU`gYa ]bUf`dfYgYbhUh]cb`cf`Ubmch\Yf`Zcfa `cZUggYgga Ybh'

: cf'2 fh\YfXYHU]`g`]b`fY`UH}cb`hc`GdYW}U``7 cbg]XYfUH}cb`]bWi X]b[```K \Yb`hc`5dd`m´ž`´< ck`hc`5dd`m´`UbX ~GiddcfHb[`8cWia YbHUH}cb´``d`YUgY`fYZYf`hc`h\Y`GdYW}U``7 cbg]XYfUH}cb`k YVgH}Y.` \hndg.##ghi XYbH'i bgk "YXi "Ui #gdYW}U`!Wcbg]XYfUH}cb

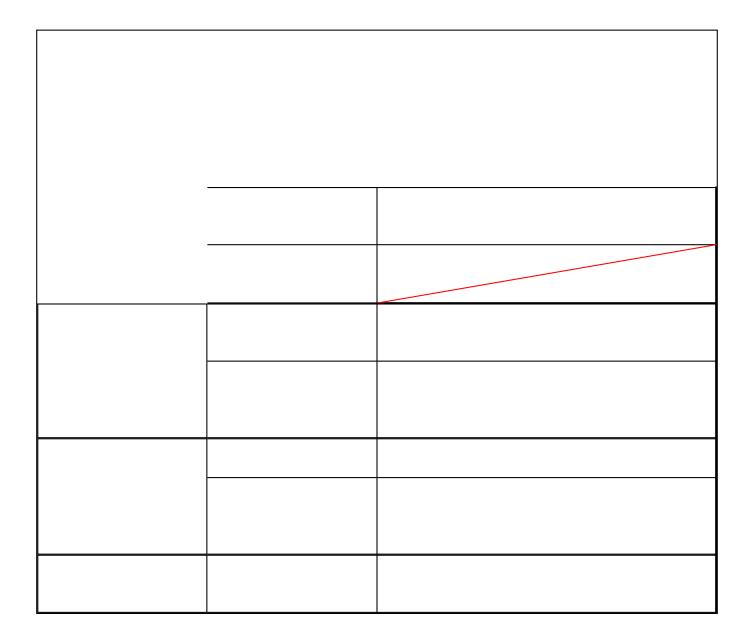
## 5WUXYa ]W<cbYghmUbX^D`U[ ]Uf]ga

D`U[]Uf]ga `]g`i g]b[`H\Y`k cfXg`cf`]XYUg`cZcH\Yfg`UbX`dfYgYbh]b[`H\Ya `Ug`mci f`ck b"`=hWUb`HU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUHY`W\YUH]b[`Hc`UWW]XYbHU``mWcdm]b[`Zfca `U`gci fWY`k]H\ci hUW\_bck `YX[Ya YbH'

IBGK [fcidg'd`U[]Uf]ga ]bhc h\Y Zc``ck]b[ WUhY[cf]Yg.

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a ]`Uf`k cfXg`hc`h,Y`cf][.]bU``hYI h`cf`]XYU`k ]h\ci hUW\_bck `YX[.]b[.ih,Y gci fWF`cf`i g]b[.iei chUh]cb`a Uf\_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[.Ygž`Ufh`UbX`XYg][.b`dfc`YWfgž`Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf`g`]XYUg`cf`k cfXg`k ]h\ci hWfYX]hY[.cf]Yg.

- VYHYfaUbU[Y'mcifh]aY
- i bXYfgHUbX mci f`f][ \hg`UbX`fYgdcbg]V]`]h]Yg`Ug`U'ghi XYbhUhI BGK
  VY`Uk UfY`cZd`U[ ]Uf]ga žWcdmf][ \hžI BGK `Ghi XYbh7cXY`cZ7cbXi WhUbX`5WW/dHUV`Y`I gY`cZ I BGK `=7 H`F Ygci fWfg`Dc`]Wh



## FYgci fWfg

#### DfYgWf]VYX F Ygci fWfg

DfYg₩]VYX`F Ygci fWfg

F]b\_ž>"žYX"`&\$\$&"`? ge[US^bWdXad\_ S` UW SYg[VWfag` VWdefS` V[`Yž7Ua Vf]X[Y.'7Ua Vf]X[Y'I b]j Yfg]hm DfYgg"``

FYWca a YbXYX FYgci fWYg

D`YUgY`bchY`h\Y`IBGK `@]VfUfmikYVg]hY.``<u>htd.##bZc"`]VfUfm'ibgk"YXi"Ui #kYV#gYfj]WYg#gYfj]WYg"\ha`</u>

6cc\_g

7 cc\_YžA "/ '8" < cfb" &\$\$' "``FZW5S\_TqVYWUa\_bS` [a` fa \SI I ž``7 Ua Vf]X[ Y.`7 Ua Vf]X[ Y`I b]j Yfg]m DfYgg"

; `mbbžAUW8cbU`X"``%--, "`FZWUa\_bMfW[^gefdSfWWYg[VWfa3MjS`VWdfWUZ`[cgWzG\UZhYgVifm7`8cfgYh 9`YaYbh'

; fYYbž'6"/ 'H"; U'k Ym"%, \*"'FZW[` WdYS\_WaX\_ge[UžBYk 'Mcf\_.'8ciV'YXUm

<YfVYfhž'H"'/ `>"'K U``UW""'%-+"'FZW5S\_Td[VYWUa\_bS` [a` fa TdSee [`efdg\_W fež7Ua Vf]X[Yž'BYk 'Mcf\_. 7Ua Vf]X[Y'I b]j Yfg]miDfYgg"

@Uk gcbž7"7'F"'GhckY``'`&\$%&"'FZW5S\_Td[VYWZ[efack aX\_ge[US^bWb%ad\_S`UW''7Ua Vf]X[Y.'7Ua Vf]X[Y I b]jYfg]hmDfYgg"

DcHYfz >" &\$\$\$" FZW5S\_Td[VYWUa\_bS` [a` fa e[`Y[`Yž 7Ua Vf]X[Y. 7Ua Vf]X[YI b]j Yfg]mDfYgg"

K YghbYmžK "``&\$\$' "``FZWbWbWWUfi da`Y`afWž

≠∂ZcfaUh]cb'UVcihid\mg]WU``UbX`Yf[cbca]WUgdYWfg'cZdYfZcfaUbWf'diV`]g\YX`Vmh\Y`G]VY`]ig'5WUXYamž :]b`UbX

<u>\htd.#k k k &"g]VU"Z]#\Uf^c]hhY`i #bXYI "d\d3]X1&/`U1Yb</u>

=€ghfi WgcbU``j ]XYcg'UVci hth\Y'HUi Va Ub'UddfcUW\ hc'd]Ubc'hYW\b]ei Y'Uh

<u>\hhdg.##k k k "mci hi VY"Wca # gYf#HUi Va Ub; c`UbXg m</u>

````6f]h]g\`5ggcW]Uh]cb`cZDYfZcfa ]b[`5fhg`A YX]W]bY`g]hYžYgdYW]U``m]bZcfa Uh]cb`Zcf`g]b[Yfgž [i]hUf]ghgž``<u>\hnd.#k k k"VUdUa "cf["i\_</u>'

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

Ghi XYbhiZYYXVUW\_`]g`fYei YghYX`gc`h\UhW\Ub[Yg`WUb`VY`Wcbg]XYfYX`]b`cfXYf`hc`Yb\UbWY`h\Y`ghi XYbh `YUfb]b[`YI dYf]YbWY''a m9I dYf]YbWY'Yj U`i Uh]cbg`k]``VY`Wc``YWhYX`UhH\Y`YbX`cZGYa YghYf`Vi hghi XYbhg`UfY YbWci fU[YX`hc`X]gW gg`Ubma UhhYf`fY`UhYX`hc`h\]g`Wci fgY`UbX`dfcj]XY`ZYYXVUW\_`h\fci[\ci hih\Y`gYa YghYf k]h\`h\Y`Wci fgY`WcbjYbcf''5``ZYYXVUW\_`k]``VY`X]gW ggYX`Vmih\Y`a i g]WghUZ'

## ∋a U[Y<sup>·</sup>7fYX]h

6cX]Yg'/ \*=bHYfZJW/g\*&\$%\*

## 7F=7CG

7F=7CG'Dfcj]XYf'7cXY.\*\$\$\$-,;