



# **MUSC3705**

DYfZcfa UbW @UVcfUhcfm7

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

# 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

# `GHJZZ`7cbHJWhi8YHJ]`g`

### '7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
>c\b`BUd]Yf	∥bUd]Yf4 i bgk "YXi "Ui	H65`!`WXYW <u>`</u> h\Y AccX`Y`g]hY	K YVghYf <sup>-</sup> %%	-',)*-)'

# GWXcc`7cbHJWhr=bZcfaUh]cb

Fcca '' &&ž`Yj Y`'' FcVYfhK YVghYf6i ]`X]b[

D\cbY.`f\$&Ł`- ' , ) `( , ) \*

9a U]`. <u>'gUa 4 i bgk "YXi "Ui</u>

K YVg]hY. <u>\htdg.##gUa "Ufhg"i bgk "YXi "Ui</u>

H\Y'GW\cc``cZh\Y'5fhg'UbX'AYX]U'k ci`X``]\_Y'hc'FYgdYWM2``m5W\_bck`YX[Y'h\Y'HfUX]h]cbU``7ighcX]Ubgž h\Y'6YXY[U``f?Ybg]b[hcb'WJadigŁž;UX][U``f7]hmUbX'5fh/`8Yg][b'7UadigYgŁ'UbX'h\Y'B[ibbUkU` dYcd`Y'fБighfU`]Ub'8YZYbWF':cfWF'5WJXYam]b'7UbVYffUŁ'cZh\Y``UbXg'k\YfY'YUW\'WJadig'cZiBGK`]g `cWJhYX"

# 7cifgY<sup>\*</sup>8YHJ]<sup>\*</sup>g

# 7 fYX]hDc]bhg (

# Gi a a UfmcZh\Y'7 ci fgY

### Gi V^YWri5fYU. ? ge[U BW0Xad\_S`UWr? ge[U 7`eW\_T^W

H\Y'UWei ]g]h]cb'cZ\][\`mXYj Y'cdYX'We'``UVcfUh]j Y'UbX'dfYgYbhUh]cb'g\_]``g']g']bWfYUg]b[`m]a dcfhUbh]b WebhYa dcfUfma i g]Wa U\_]b[`UbX'h\i g'fY`Yj UbhZcf'h\Y'dfY!dfcZYgg]cbU``ffU]b]b[`cZU```gh XYbhg`]b'U`` ghYUa g'cZh\Y'6A i g'dfc[fUa "'A I G7' +\$) `DYfZcfa UbWY @UVcfUhcfm7 `]g'h\Y'h\]fXž'UbX'Z]bU`ž DYfZcfa UbWY @UVcfUhcfmWei fgY'Zcf'gh XYbhg Ybfc``YX`]b'h\Y'A i g]We'c[mUbX'Gcb]W5fhg'ghYUa g'cZh\Y 6UWXY`cf'cZA i g]Wdfc[fUa "'H\]g'Wei fgY'Vi ]`Xg'cb'h\Y'hYWb]WU``UbX'WfYUh]j Y'Zci bXUh]cbg'XYj Y`cdYX']b YUf`]Yf`DYfZcfa UbWY @UVcfUhcfmWei fgYgž'UbX'h\Y'Uk UfYbYgg'cZU'fUb[Y'cZa i g]WU``[YbfYg'UbX'dfUW]WYg YbWei bhYfYX']b'ch\Yf'Wei fgYg']b'h\Y'a i g]Wdfc[fUa "'Gh XYbhg``YUfb'hc`Udd`mWf]h]WU``]ghYb]b[`'UbX fYUX]b[g'cZdYfZcfa UbWY ``]hYfUhi fYž'UbX'[U]b'g\_]``g'UbX'YI dYf]YbWY`]b'h\Y'XYj Y`cda YbhUbX'W fUhcfg\]d'cZ ]bbcj Uh]j Y'[fci d'dYfZcfa UbWYg"

**BchY**. ``H\]g`]g`U`%&`LC7`WcifgY''`Mci`k]``Ybfc``]b`(`LC7`]b`YUW&`cZh\fYY`giWW¥gg]jY`hYfag`k]h`U`fYgi`h fYdcfhYX`VmU`g]b[`Y`[fUXY`Uhih`Y`YbX`cZh`Y`h`]fX`(`LC7`WcifgY''

# 7cifgY@YUfb]b[CiHWcaYg

- % 5dd`mW]hWga UbX`UbU`mg]g`cZh\Y``]hYfUhi fY`cb`dYfZcfa UbWfžUbX`cZa UghYf`WUgg`dfYgYbhUh]cbgž hc`h\Y`dfYdUfUh]cb`cZh\Y]f`ck b`dYfZcfa UbWf
- &" 8Yg][b`UbX`dfYgYbhYZZYWf]jY`YbgYaV`Y`aUhYf]U``UbX`dYfZcfaUbWfg
- ' "5dd`mdf]bWjd`Yg`cZhYUakcf\_`tc`aig]WYbgYaV`Y

# HYUWX]b[ GhfUhY[]Yg

# 5ggYgga Ybh

# 5ggYgga YbhHUg\_g

5ggYgga YbhHJg_	K Y][ \h	8iY`8UHY	GhiXYbhï@YUfb]b[ CihWcaYgʻ5ggYggYX
9bgYa V`Y`Wcblf]Vi h]cbž dYfZcfa UbWfgždUfhWkYW_]b[ hYgh	&\$1	9bgYa V`Y`dUfh\W\YW_]b[`hc VY`Wca d`YhYX`Vmih\Y`YbX`cZ k YY_`%%`]b`YUW\`hYfa	-
DYfZcfaUbWY`dcfhZc`]c`	%) ı	: ]fghidUfhiXi Y`-h\`5i [i ghž &bX`dUfhiXi Y`&&bX Bicj Ya VYf	%
DYfZcfaUbW#dfYgYbfUhjcb	')ı	-Ð`Ugg][ bYX`k YY_g`]b`H%`UbX H'	%ž&
: ]bU``Dfc'YWti '\$I		:]bU``dfc^YWkg`k]```VY dfYgYbhYX`]b`K_YY_`%\$`cZH'	%ž&

# 5ggYgga Ybh8YHJ]`g

#### 5ggYgga Ybh% 9bgYa V`Y`Wcbhf]Vi h]cbždYfZcfa UbWYgždUfhWXYW\_]b[ 'hYgh

#### GHUfh'XUHY.

**8YHJ]`g**. '9bgYa V`Y`dUfHWXYW\_]b[`k]``VY`i bXYfHJ\_Yb`]b`H%z`H&`UbX`H' "`=bX]j ]Xi U``mcf`]b`ga U```[ fci dgž ghi XYbhg`k]``dYfZcfa 'k cf\_g`cf`YI WYfdhg`cZk cf\_gžghi X]YX`UbX`dYfZcfa YX`Xi f]b[`H\Y`Hf]a YghYf"``K \YfY Uddfcdf]UhYžYI WYfdhg`k]``VY`gY`YWYX`Vmh\Y`dUfHWXYW\_]b[`YI Ua ]bYf"8]fYWiZYYXVUW\_`Xi f]b[``fY\YUfgU`g UbX`k cf\_g\cdg`UbX`U`Zcfa U``fYdcfhUhH\Y`WcbWi g]cb`cZh\Y`gYgg]cb"`Ghi XYbhgfWcbHf]Vi h]cb`hc`YbgYa V`Y dYfZcfa UbWYg`UbX`k cf\_g\cdg`k]``VY`UggYggYX`h\fci [\`U`dUfHWXYW\_]b[`YI Ua ]bUh]cb"

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

D`YUgY`Wcbgi``hifkY`9bgYa V`Yg`A ccX`Y`g]fY`Zcf`fkY`XYfU]`g`cZfkY`]bX]j ]Xi U``YbgYa V`Y`fYei ]fYa Ybfg''`H\Y ghi XYbfg`Uj YfU[ Y`YbgYa V`Y`a Uf\_`Zcf`YUWk`fYfa`k]```VY`i gYX`fc`WU`W``UfY`fkY`Z]bU``a Uf\_`Zcf`fk]g`fUg\_''

#### 5ggYgga Ybh& DYfZcfa UbWY dcfhZc`]c

#### GHUfh'XUhY.

@Yb[ h\.`) \$\$`k cfXg`dYf`a UghYfWUgg`UhYbXYX

8YHU]`g. Hk cidcfhZc`]cgicZUbbcHUHYXigci fWYia UHYf]U``i gYXi]bidYfZcfa UbWYidfYdUfUH]cbifV]V`]c[fUd\mž X]gWc[fUd\mžj]XYc[fUd\mUbXibcHYgicbiUh`YUgh(ia UgHYf!WUggYgE"DcfhZc`]cgik]``VYigi Va]HHYXih\fci[\ Hifb]h]biUbXia Uf\_YX'VmH\Y`YWhifYf"

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

Ghi XYbhgʻdfYgYbhih\YʻdcfhZc`]cʻ]bʻhk cʻdUfhgžcbYʻUhih\YʻYbXʻcZH&ʻh\Yʻch\YfʻUhih\YʻYbXʻcZH

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ ba Ybh]g`gi Va ]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`WUb`gYY`Hi fb]h]b`g]a ]`Uf]hm fYdcfhg"

#### 5ggYgga Ybh' . DYfZcfa UbWY#dfYgYbHUh]cb

#### GHUfh'XUHY.

**8YHJ]`g**. `H\fYY`]b!WUgg`dYfZcfa\_UbWfg`gWUZZc`X]b[\_`UggYgga\_YbhHUg\_`("Gdc\_Yb`ZYYXVUW\_`k\_]``VY`[\_]j Yb`Vm H\Y``YWfi fYf`]b`WUggž'UbX`k\_f]HYb`ZYYXVUW\_g\cfhmUZYf

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

Ghi XYbhgʻk ]```[]j YʻUʻa ]b]a i a ʻcZcbYʻga U```[fci dʻdYfZcfa UbWY`]bʻH%ž'UbXʻhk cʻga U```[fci dʻdYfZcfa UbWYg ]bʻH'

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

5ggYgga Ybh (.: ]bU Dfc YWh

#### GHUfh'XUHY.

**8YHJ]`g.** ; fci d`dYfZcfa UbWY`cf`di V`]Wmig\ck b`j ]XYc"`K f]HYb`ZYYXVUW<u>'</u>k ]```VY`dfcj ]XYX`VmH\Y YI Ua ]bYffgŁ

### 5 HYbXUbW/FYei]fYaYbhg

5hh/bXUbW/~Uh@YWi fYg`f7@C~&L'UbX'9bgYa V`Y`FY\YUfgU`g`f7@C~&'UbX'' Ł`]g`a UbXUhcfmi]b`h\]g`Wci fgY"

I bYI W gYX UVgYbW Zfca 'a cfY'h Ub'&) i 'cZ@YW fYg cf'&) i 'cZ9bgYa V`Y`FY\YUfgU`g`]b`UbmcbY'h Yfa a UmfYgi `h`]b`h.Y`Uk UfX]b[ 'cZU`ZJ]``[fUXY''Gh XYbhg`a i ghUhhYbX`Uh`YUgh( 'cZh.Y`- 'a UghYfWUggYg`fCh.Yf ]b`h.Y`hja YhUV`YE`gWXYXi `YX`UWfcgg`h.Y`h,fYY`hYfa g`f7@C`%E

# 7 ci fgY GWX YXi `Y

J]Yk WUgg'ha YHUYY

#### H]a YHJV`Y'

8 UHY	Hmd Y	7 c bhYbh
K_YY_`%`'_`>i bY`!`+`>i bY		5````YWMifYgʻk]```]bjc`jY`h\Y`h\YcfmUbX`dfUWMjWY`cZ WcbXiWMjb["'5`Zi```gW\YXi`Y`k]```VY`XYjY`cdYX`Vmh\Y `YWMifYfžUbX`dfYgYbhYX`]b`KYY_`%''

# FYgci fWg

# DfYgWf]VYX F Ygci fWyg

BchUjU]`UV`Y

### FYWca a YbXYX<sup>-</sup>FYgci fWYg

BchUjU]`UV`Y

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

: YYXVUW\_cb/h/Y Wci fgY'k]``VY'a UXY'h/fci [\'h/Y'a m9I dYf]YbWY'E i Ygh]cbU]fY"'H\]g`]g'U'bYk 'Wci fgY"'#g WcbhYbhUbX'hYUW\]b['a Yh\cXg`\Uj Y'VYYb'g\UdYX'dUfhm]b'fYgdcbgY'hc'Yj U'i Uh]cb'cZYUf`]Yf'DYfZcfa UbWY @UVcfUhcfm7ci fgYg'Uh'h\]g``Yj Y`''7\Ub['Yg']bWi XY'U'ga U``Yf'WUgg'g]nYž'Yb\UbWYX']b!WUgg'dYfZcfa UbWY cddcfhi b]h]Ygž'h\Y'd`Ubb]b['cZ]bZcfa Uh]cbU```YWhi fYg']bj c'j ]b['dYfZcfa UbWY']ggi Ygž'U'ghfYb['h\YbYX WcbXi Whjb['Wca dcbYbhž'UbX'h\Y'fYh]fYa YbhcZh\Y'@]ghYb]b['HYgh'+b'UXX]h]cbž'=\Uj Y'XYj Y`cdYX'U'a cfY X]gWi fg]j Y'UddfcUW\'hc'a UbU[]b['gh XYbh'[cU'g'UbX'ZYXVUW\_"

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

### 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 Ybhi\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'mYUfŁ" Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZUi `hk ]h\ 'Hi fb]h]b'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'h]W\_Yhbi a VYf'Zfca '9I hYfbU''Gi ddcfhfU'cb[ 'k ]h\ 'Ubmich\Yf'fY'Yj UbhXcW a YbhgŁhc ]bWi XY'Ug'Yj ]XYbWY hc'gi ddcfhmci f'YI hYbg]cb'Udd`]WUh]cb"'Zmci 'Ya U]`'9I hYfbU''Gi ddcfhmci 'k ]`` Ui hca Uh]WU'`mfYWY]j Y'U'h]W\_Yhbi a VYfž'Vi h]Zmci 'hY'Yd\cbY'mci 'k ]``bYYX'hc'gdYW]ZWU``mUg\_'Zcf'cbY" Hi fb]h]b'U`gc'dfcj ]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUhi g'cb'Hk ]hYf"

; YbYfU``mž'UggYgga YbhiHUg\_g'a i ghVY'gi Va ]hhYX'Y`YWfcb]WU``mj ]U'Y]h\Yf'Hi fb]h]b'cf'U'A ccX`Y Ugg][ ba Ybh''=b`]bgHUbWfg'k \YfY'h\]g`]g'bchdcgg]V`Yž']hk ]``VY'gHUhYX'cb'mci f'Wci fgY'g'A ccX`Y'g]hY'k ]h\ U`hYfbUh]j Y'gi Va ]gg]cb'XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va ]hUgg][ ba Ybhg`cb`]bY`j ]U`A ccX`Y.`\hhdg.#gh X

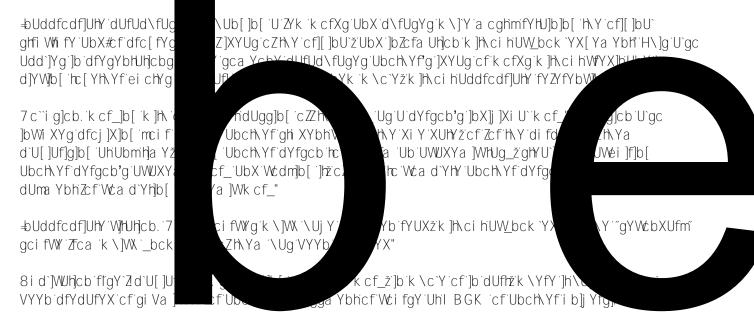
bY 'j hjb 'cf'U'A ccX`Y

# 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 gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fWY`k]h\ci hUW\_bck `YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck ]b['WUhY[cf]Yg.

7 cdm]b[..'i g]b['thY'gUa Y'cf'j Yfmg]a ]`Uf'k cfXg'tc'thY'cf][]bU``thYI hcf']XYU'k ]thci hUW\_bck `YX[]b['thY' gci fW'cf'i g]b['ei ctUt]c<u>b'a Uf\_g</u>"'H\]g'U`gc'Udd`]Yg'tc']a U[Ygž'Ufh'UbX'XYg][ b'dfc'YWfgž'Ug'k Y```Ug dfYgYbtUt]cbg'k \YfY'gca



7 cffYWhfYZYfYbWjb[dfUWfjWYg.

- i bXYfgfUbXimci fif][\hgiUbXifYgdcbg]V]]]]YgiUgiUighi XYbhUhil BGK
  VYiUk UfYicZdiU[]Uf]ga žWcdmf][\hzil BGK iGhi XYbhi7cXYicZ7cbXi WhUbXi5WWrdhUViYil gYicZ IBGK =7 HFYgcifWgDc`]Wm

٩

### 5WUXYa]W=bZcfaUh]cb<sup>·</sup>

: cf'YggYbhJU``ghi XYbh']bZcfa UhJcb`fY`UhJb[ 'hc.

- fYei YghgʻZcf'YI hYbg]cb/
- `UhY 'gi Va ]gg]cbg '[ i ]XY `]bYg/
- fYj]Yk cZa Uf\_g/
- I BGK '<YU`h\ UbX'GUZYhmidc`]W}Yg/
- YI Ua ]bUh]cb'dfcW/Xi fYg/
- gdYWJU`Wcbg]XYfUh]cb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]m/UbX X]gUV]`]m/
- UbX'ch\Yf'YggYbh]U``UWUXYa ]W]bZcfa Uh]cbž'gYY

<u>htdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbhgh XYbhg#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`g![i]XY`]bYg#</u>

# ∋a U[Y<sup>·</sup>7fYX]h

H\]g`]a U[Y`]g`h\Y`dfcdYfmicZh\Y`Wci fgY`Wcbj Ybcf"

# 7F=7CG

7F=7CG<sup>·</sup>Dfcj]XYf<sup>·</sup>7cXY.<sup>·</sup>\$\$\$-,;