

>cWYmb'<Uk_%27Uj]b'7\Ub%2FcVYfhH]g\YfaUb&2GUrcg\]'HU_YiW]&2Á Jc`_Yf`AigU\`&2%25`VYfh@b'&'zF]W\UfX'9"8YVg_]%&

%8 YdUfha YbhcZ6]cYb[]bYYf]b[ž[&]8 YdUfha YbhcZCfh\ cdUYX]WGi f[YfmÁ I b]j Yfg]hmcZD]hhgVi f[\



=blfcXi W]cb

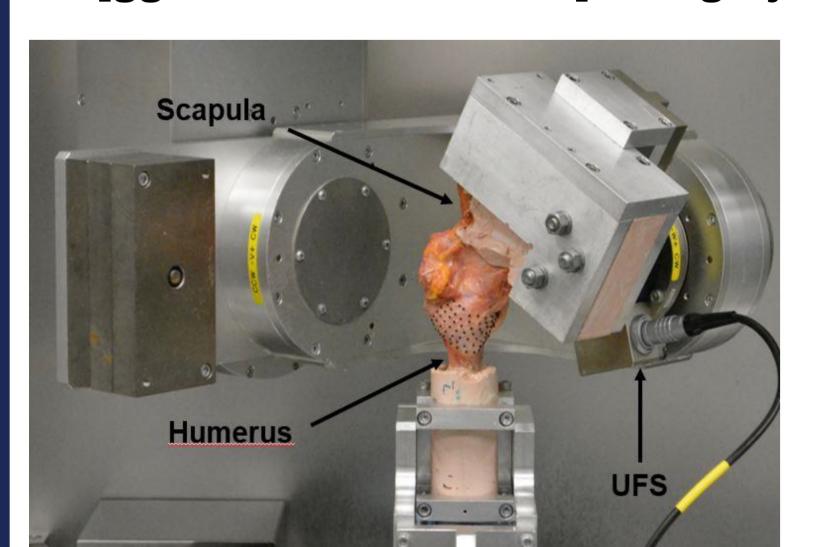
5 bh/f]cf g/ci`XYf X]g`cwUn]cbg wub fygi`h]b bcb!fywcjYfuv`Y glfu]b cZ h YÁ
[`Ybc\iaYfu wudgi`Yž]bwYug]b['h Y w ubw/g cZfyw ffYbh g/ci`XYf]bghuv]`]hm/Á
Cdh]wu hfuw_]b['wub vy igyx hc Xyhyfa]bY bcb!fywcjYfuv`Y glfu]bž k\]w\ A
]bX]wuhyg]b/ifmž vm fywcfX]b['h Y dcg]h]cb cZ a uf_Yfg ux\Yfyx hc h Y wudgi`YÁ
VYZcfY ubX uzhyf u X]g`cwUn]cb" h\]g a Yh cX \ Ugʻbch vyyb uggYggYX zc``ck]b['uÁ
gYj YfY'Ubhyf]cf g\ ci`XYf X]g`cwUn]cb"

CVYW]jY

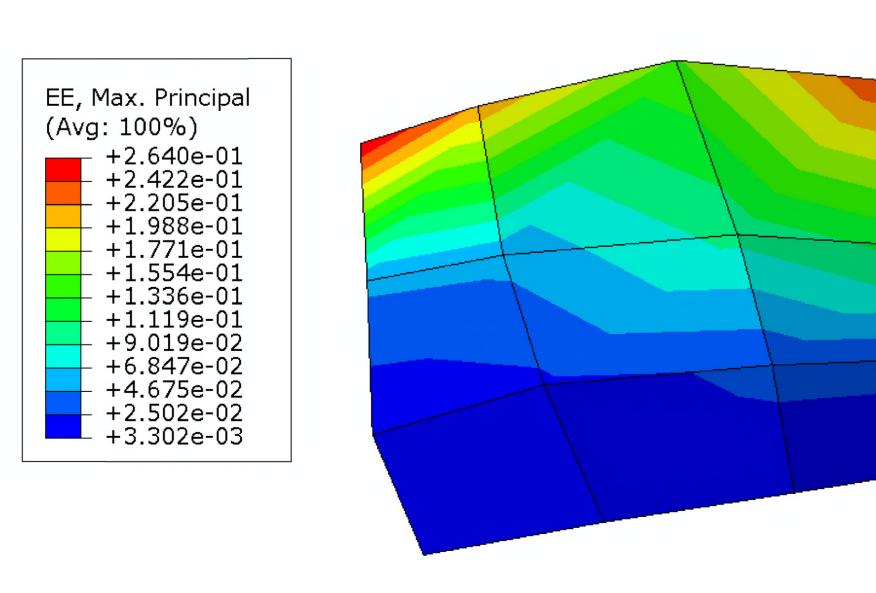
5 ggYgg'UV]`]lmihc'XYhYfa]bY'bcb!fYWcj YfUV`Y'glfU]b'j]U'cdh]WU'lfUW_]b[']b'h YÁ
[`Ybc\ i a YfU'WUdgi `Y'Zc``ck]b['U'gYj YfY'UbhYf]cf'g\ ci `XYf'X]g`cWUh]cb
%L'H]ggi Y'dUh ca cfd\ c`c[mi&L'=blfU!cVgYfj Yf'fYdYUhV]`]lmi' L'=bhYf!cVgYfj Yf'fYdYUhV]`]lm

AUMf]Ug' AYh cXg

- ‴ &'ZfYg\!ZfcnYb'g\ci`XYfgžX]ggYWYX'cZU`'ljggi Y'Yl WYdh[`Ybc\i a YfU'WUdgi`Y
- "+I %; f]X'cZglfU]b'a Uf_Yfg'UX\ YfYX'bc']bZYf]cf'[`Ybc\ i a YfU'`][Ua Ybh
- * '8 C: 'FcVch]WhYgh]b['gmghYa'fl FG&\$%\$ž7\]bcž>UdUbŁ'dYfZcfaYX''gYjYfY
 X]g`cWUh]cbg'VmiUdd`m]b['ZcfWV'hc'UbhYf]cf`milfUbg`UhY'\iaYfig'UWlcggÁ
 Ybh]fY'k]Xh\'cZ[`Ybc]X'fl][ifY'%L
- ″'' '8 'dcg]h]cb 'cZghfU]b 'a Uf_Yfg 'fYWcfXYX`Vma ch]cb 'hfUW_]b['gmghYa 'fGd]WUÁ hYW\ bc`c[miWcfdcfUh]cb z̃< ±L'VYZcfY`UbX`UZhYf`X]g`cWUh]cb ']b 'fYZYfYbWYÁ WcbZ[[ifUh]cb
- ‴AUI'df]bW]dU`ghfU]b`WUWI`UhYX`cb`\iaYfU`g]XY`cZUbhYf]cf`VUbX`ig]b[`565EIGÁ fG]ai`]UžDfcj]XYbWY'F±L
- "H]ggi Y'dUt\ ca cfd\ c`c[mcVgYfj YX



:][ifY%'GYhid'Zcf'cdh]WU'hfUW]b["



:][ifY'&'GlfU]b'a Ud'cZ\ia YfU'g]XY'cZ\\UbhYf]cf'VUbX'cZ[`Ybc\ia YfU'WUdgi`Y\\UZhYf'gYj YfY'X]g`cWUh]cb

FYdYUtUV]`]hm

- "5 j Yfu[Y'bcb!fYWcj YfuV`Y'glfu]b'cZb]bY'Y`Ya Ybhg'cb`\ i a Yfu'g]XY'cZubhYf]cfÁ
 VubX'cZ[`Ybc\ i a Yfu'Wudgi `Y'fl][i fY'&L
- ‴ ⇒blf U!c VgYf j Yf 'f YdYUHV)`]lm 'Hf UW_YX'' 'h]a Ygž%XUmiUdUf h
- ‴ =bhYf!cVgYfj Yf'fYdYUHJV]`]hm'HfUW_YX'' 'h]a Yg'YUW 'Vmlk c'cVgYfj Yfg

FYgi 'hg

H]ggi Y'DUN ca cfd\ c`c[m

- "GdYW]a Yb'% WUdgi `Uf'hYUf]b[!'glfU]bÁ
 UbU'mg]g'bchdcgg]V`Y'fl][ifY''Ł
- "GdYVJa Yb'& 'bc'WUdgi `Uf'hYUf]b[žÁ
 a Uf_Yf'j]g]V]`]hmiUZZYWhYX'VmbYk 'Zc`XgÁ
]b'hJggi Y!'ghfUJb'UbU'ng]g'dcgg]V`Y

FYdYUtUV]`]tm

- "; ccX']blfU!'UbX']blYf!cVgYfjYfÁ fYdYUHJV]`]lm
- " ⇒bhYf!cVgYfjYf'fYdYUhUV]`]hmig`][\h`mÁ VYhhYf

HUV`Y'%"=blfU!`UbX`]blYf!cVgYfjYfÁ fYdYUHJV]`]lm	
	GH8 'fl 'Glf U]bŁ
CVgYfj Yf'%	\$"&
CVgYfj Yf'&	\$"&
=bhYf!CVgYfjYf	\$" ı



:][i fY'' . '; 'Ybc\ i a YfU'WUdgi 'Y'hYUf]b[Á Xi f]b['gYj YfY'X]g`cWUh]cb

8]gW gg]cb

- 7 Udgi`Yd`]WUhjcb!WcaacbidfcWYXifYhcfYXiWYfYWIffYbhig\ci`XYf]bghUV]`]hmÁ UZhYf'U'X]g`cWUhjcb
 - Æi UbhjZmbcb!fYWcj YfUV`Y`ghfU]b` `]a dfcj Y`UWW fUWmcZWUdgi `Uf`d`]WUhjcb
- " 7 Udgi `Uf 'hYUf]b[
 - Ásia YfU'\ YUX'hcfY'h\ fci [\ 'WUdgi `Yžk]h\ 'hYUf'ghUfh]b['bYUf'UbhYf]cf'dcfhU ÁBcb!fYWcj YfUV`Y'ghfU]b'UbU'mg]g'bchidcgg]V`Y
- " 6 YHYf f YdYUHV)] hih Ub df Yj]ci g gh X]Yg O Q
 - "GlfU]b'Uj YfU[YX'UWcgg'fY[]cb']bghYUX'cZaYUgi f]b['YUW 'Y`YaYbh
- 5```ffUW_]b['XcbY'Zfca 'cbY'fYWcfX]b[! YZZYWicZYbh]fY'Yl dYf]a YbhJ'dfcWYXi fYÁ
 bchUggYggYX
- : i h fY'X]fYW]cbg
- "ÁGhi Xmigi f[]WU fYdUJf cZWUdgi `Y'hYUf

G][b]ZWUbWY

"ÁCdh]WU 'lfUW_]b['\ Ug'[ccX'fYdYUHJV]`]lmiZcf'XYhYfa]b]b['bcb!fYWcj YfUV`Y'glfU]bž Vi h`]a]hYX'Vmih]ggi Y'dUh ca cfd\ c`c[miWUi gYX'VmigYj YfY'X]g`cWUh]cb

5 W_bck `YX[Ya Ybhg
Gi ddcfhizica 'h Y'l b]j Yfg]hmcZD]hhgVi f[\
Gk Ubgcb GW cc``cZ9b[]bYYf]b[ž\
8 YdUfha YbhcZ6]cYb[]bYYf]b[zCfh cdUYX]W
Gi f[Yfm

F YZYf YbWYg

O/Q5 Vf Ua g'Yh'U">6>G"&\$%('C&Q\)

A U]W_miYh'U">G9 G'&\$\$&'O QA ccf Y\(\delta\)

Yh'U"5 bb'6]ca YX'9b[\(\bar{z}\)&\$\%\$

