

5"(" =g`h\]g`U`fYbYk U`Udd`]W]h]cb3

9bhYfYX. 11/04/20 6m Joseph, Elaine =bhYfbU`. No

To enter the number for protocols from the old system, please look at the study (protocol) page in IRB Manager and type the six digit number followed by the two digit number (i.e., 123456-12). For protocols created in IRB Manager, simply type the six digit number (i.e., 400123).

Yes

K \Uh'dfchcW` `]g`h\]g`U`fYbYk U`Zc3
No answer provided.

Note, you must type the entire number into this space. The format for numbers coming from the old system is 1#####-##. The format for numbers started in this system is 4#####. You can copy and paste from the ~~Study screen~~ ~~current~~ ~~dhnten~~ ~~films~~, i- ed

5"("&"HmdY`cZ`fYbYk U`
No answer provided.

5"(" "Dfcj]XY`U`Vf]YZ`gi a a UfmcZ`k \Uh`Ug`VYb`UW`a d`]g`YX`cb`h\]g`dfchcW` `hc XUHyZ`]bWi X]b[`bi a VYf`cZ`Ub]a U`g`]b]h]U`mUddfcj YXZ`bi a VYf`UW`i U`mi gYXZ`UbX gdYW]Z]WU]a g`UW`a d`]g`YX"

This should be a brief summary of what you have accomplished (it does not need to include publications), such as experiments completed and experiments in progress. You must also include the number of animals previously approved for and the number of animals used. The number of animals used can be obtained from DLAR.

GdYW]Yg`7cbhU]bg`l G85

False

7U`W` `UhY`H]hY`Zcf`FYj]Yk `8YhU]`g

Title should reflect content and subject of animal project

6""DfchcW` `DYfgcbbY`

**** you can use the drop-down list above to temporarily skip past error messages. ****

6""G`Y`YWh`Df]bW]dU`=bj Ygh][Uhc`f`Vm`hmd]b[`h\Y]f`Ugh`bUa`Y`]bh`h\Y`Vcl`VY`ck`UbX gY`YWh]b[`h\Y`Uddfcdf]UhY`YbhfmiZfca`h\Y`]gh"

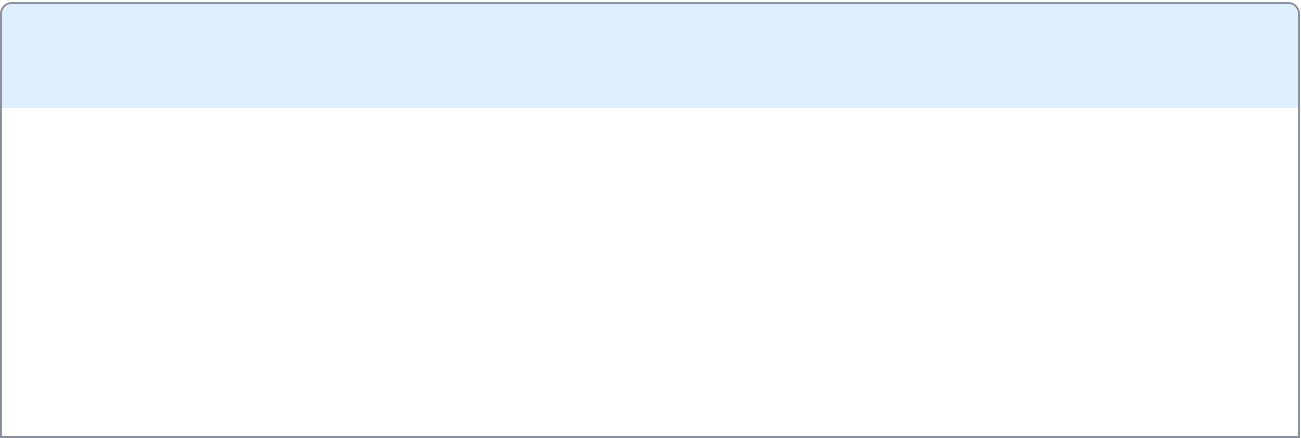
No answer provided.

6"&"D"="8YdUfha Ybh

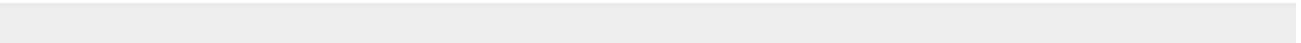
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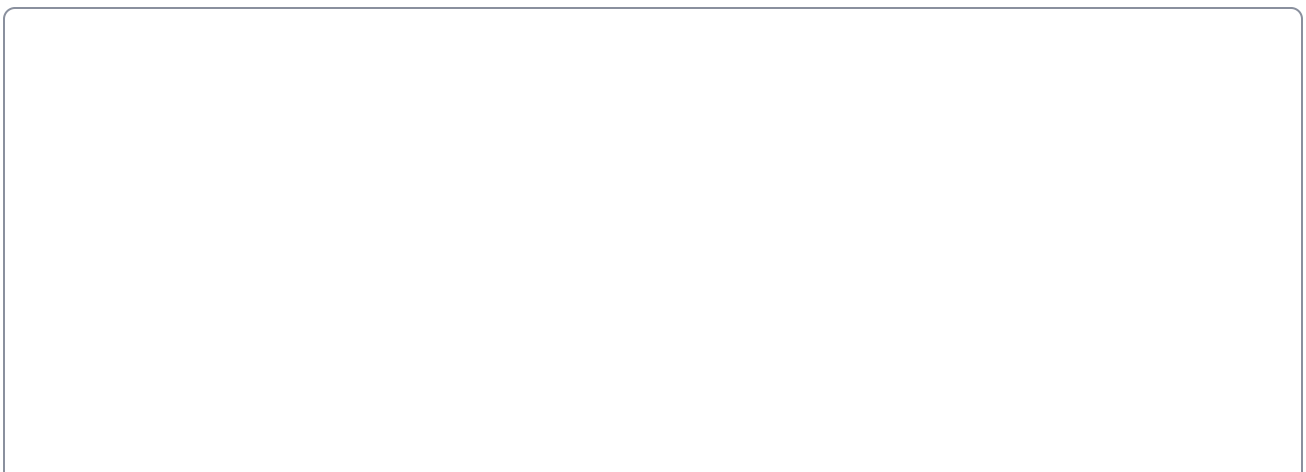
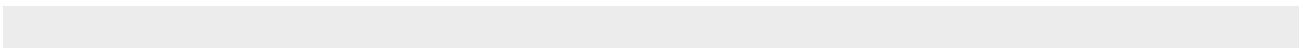
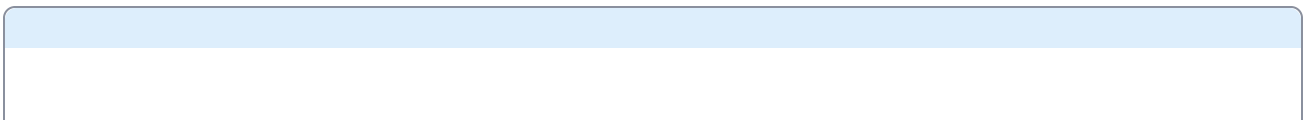
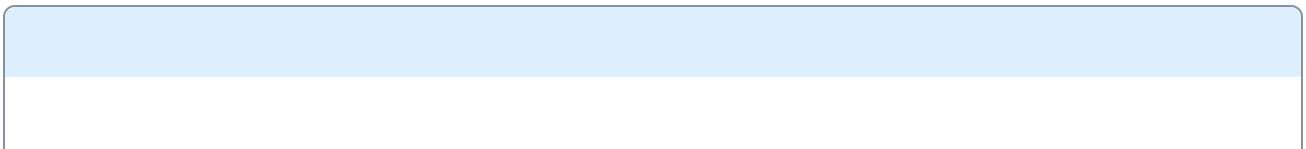
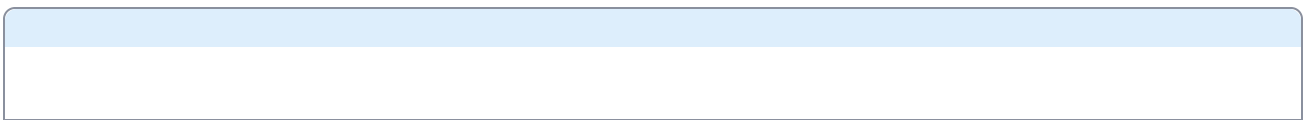
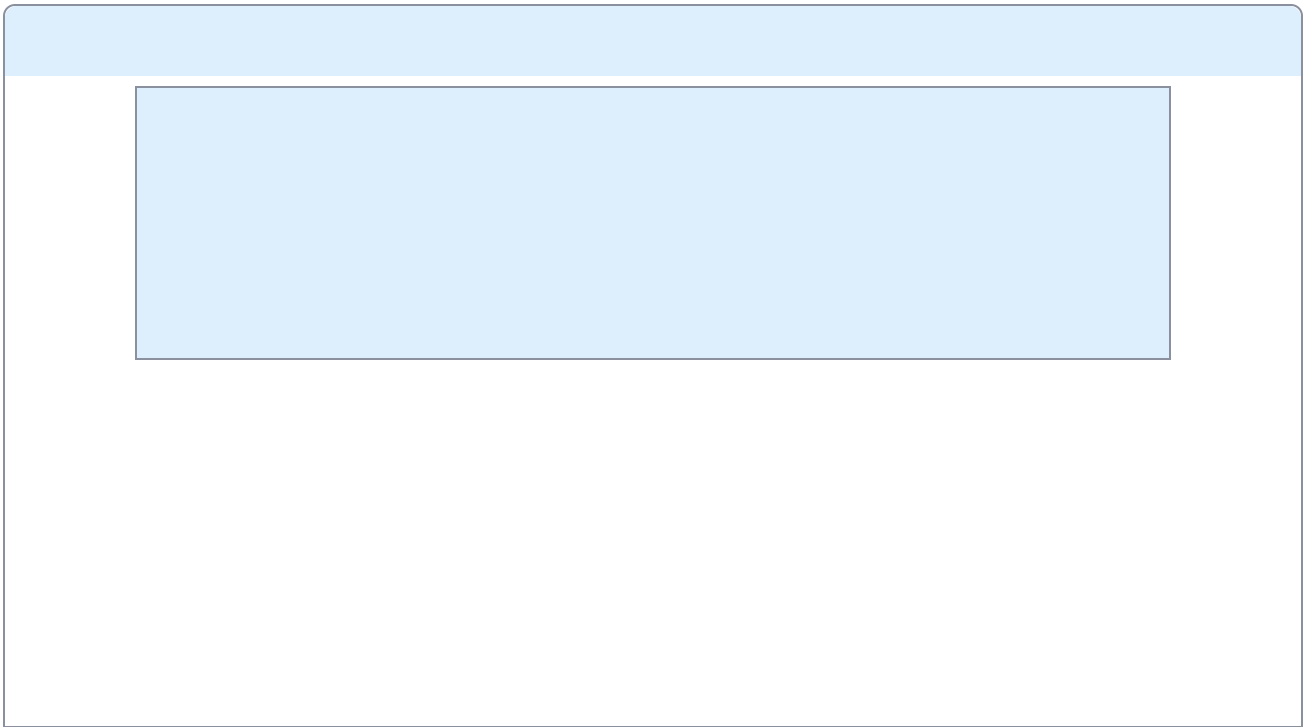
If the P.I.'s department does not appear, it may Q, io0*

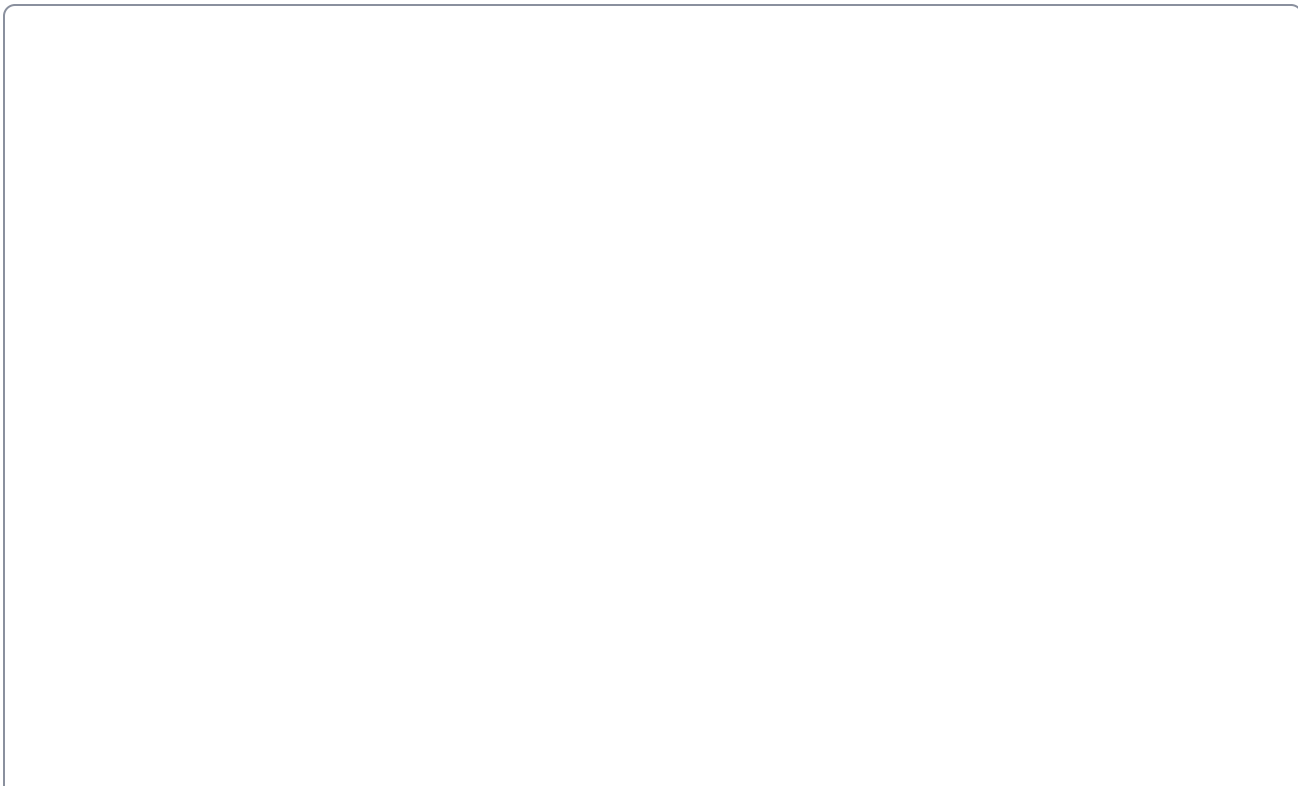
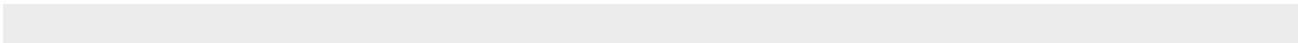
6" "'=Z'h\Y`D"="fg'XYdUfha Ybh]g'a]gg]b



A complex layout containing a light blue header bar at the top. Below the header bar is a large white area. In the center of this white area is a light blue rectangle. Below the light blue rectangle is a row of six light gray rectangular boxes, each with a thin black border. The boxes are arranged horizontally and are of equal size. Below the row of boxes is a large white area, and at the very bottom of the layout is a thick gray horizontal bar.







: "&": cf'h\Y'gi a a UfmcZ'h\Y'7I FF9BH'K CF?žVf]YZm'YI d'U]b'h\Y'YI dYf]a YbhU'XYg][bž h\Yb'dfcj]XY'gdYW]Z]WhYWX b]WU'XYhU]`g UVci h'h\Y'dfcdcgYX'YI dYf]a Ybhg'Zcf'=57I 7 fYj]Yk "

%";]j Y'U'6F=9: 'YI dYf]a YbhU'XYg][b'ghUhYa Ybh'Zcf'YUW\ 'YI dYf]a Ybh'gYdUfUH'Y`mž]bWi X]b['h\Y'hYWX b]ei Yg'X]fYVh'mfY'UhYX'hc'h\Y'i gY'cZ'Ub]a U'g'gi W\Ug'VfYXX]b[ž fYgYUfW\ 'dfcVWXi fYgž'UbYgh\Yg]Užgi f[YfmžVY\Uj]cfU'ghi X]Ygž'dU]b'fY'YZ'fZcf'Vch\ gi f[]WU'UbX'bcbl!gi f[]WU'dfcVWXi fYgž'Yi h\UbUg]U'UbX'YI dYf]a YbhU'YbXdc]bhg" &": cf'VfYXX]b['dfchcWc'gž']bX]WUhY'VfYXX]b['gW\Ya Y'fla cbc[Ua ci g'cf'hf]cłž'k YUb]b[dfcVWXi fYgž[Ybchmd]b[žYhW ' "GdYW]Z]WXYhU]`g'Zcf'YI 'j]j c'ghi X]Yg'cZ'h]ggi Y'cZ'W`g'fYa cj YX'Zfca 'Ub]a U'g'Xi f]b[gi f[Yfmc'f'Zc`ck]b['Yi h\UbUg]U'UfY'bc'h'bYXXYX" ("8c'bc'hX]gW gg'cf'i gh]Zm'h\Y'bi a VYf'Ub]a U'g'hc'VY'i gYX'j'b'h\]g'gYW]cb"<ck Yj Yfž'h]g fYWc'a a YbXXY'h\Uh'mci ']XYbh]Zm'h\Y'ghfU]bg'mci 'k]`i gY']b'cfXYf'hc'ZUW]]hUhY'h\Y'fYj]Yk cZ'mci f'dfchcWc'ž'U'h\ci [\ 'h\]g']g'bch'fYeI]fYX" 'H\Y']XYU']g'hc'dfcj]XY'gW]Yb]Z]W ' gh]Z]W]h]cb'Zcf'i gY'cZ'a i 'h[d'Y'ghfU]bg'UbX'hc' \ Y'd'h\Y'fYj]Yk Yfg'i bXYfghUbX'h\Y YI dYf]a YbhU'XYg][b") "D'YUgY'Wc'cfX]bUhY'h\Y'XYgW]dh]cbg'cZ'YI dYf]a Ybhgž'YI dYf]a YbhU'XYe

: "" "A]gWV`UbYci g'5hhUW a Ybhg

No answer provided.

; ""5b]a U`I gY

Empty response box with a light blue header bar.

Response box with a light blue header bar and a light blue content area.

Empty response box with a light blue header bar.

Response box with a light blue header bar and a light blue content area.

Response box with a light blue header bar and a light blue content area.

Empty response box with a light blue header bar.

; "+"D`YUgY`]bX]WUHy`U``YI dYf]a YbhU`cf`gW]Ybh]Z]WXYj]Uh]cbg`Zfca`5b]a U`K`Y`ZUfY GhUbXUfXg`cf`h\Y` ; i]XY`Zcf`h\Y`7UfY`UbX`l`gY`cZ`@UVcfUhcfm5b]a U`g`fM\YW`U``Udd`mŁ.

No answer provided.

Exemption from temperature schedule: This includes exposure to extreme heat or extreme cold.

Exemption from standard lighting schedule: This includes exposure to 24 hour light or 24 hour dark.

<"5XX]h]cbU`=-bZcfa Uh]cb`cb`9l dYf]a YbhU`DfcW\Xi fYg

**** you can use the drop-down list above to temporarily skip past error messages. ****

<"%"9l Wi X]b[`gi f[YfmdfcW\Xi fYg`cf`Yi h\UbUg]Uz`XcYg`h\]g`dfchcW``\Uj`Y`UXX]h]cbU`dfcW\Xi fYg`gi`W`Ug`[Ybchmd]b[žV`ccX`W`Y`W]cbgž`]b`Y`W]cbgž`W\Ya]WU`cf`V]c`c[]WU`U[Ybh`UXa]b]ghfUh]cb3

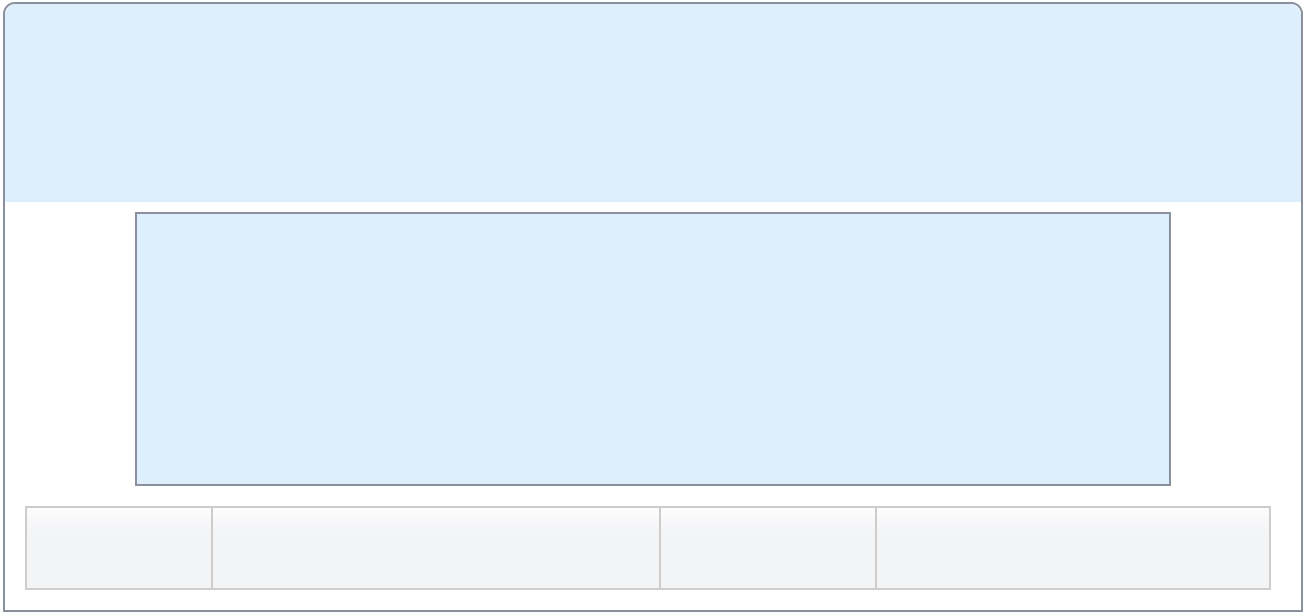
9bhYfYX. 10/14/20 6m Joseph, Elaine =bhYfbU`. No

This should be checked "yes" if you are administering any biological or chemical agents to animals OR if you are taking blood, collecting urine/feces/tissue, or genotyping animals.

Yes

<"&"8c`h\YgY`dfcW\Xi fYg`]bWi`XY`h\Y`UXa]b]ghfUh]cb`cZ`Xfi [g`cf`W\Ya]WU`#V]c`c[]WU`U[Ybhg`fb





>"% "Gi fj]j U`Gi f[YfmBUa Y

No answer provided.

>"&"Gi f[Yfm]g'dYfZcfa YX'k]h\ 'UgYdh]WhYW\ b]ei Y""< U]f'Ufci bX'gi f[]W\`g]hY`]g'fYa cj YX i]g]b['gi f[]W\`W]ddYfg"; fcgg'XYVf]g']g'fYa cj YX'i]g]b['U`W\c`'UbX'h\Y'gi f[]W\`g]hY`]g gW'i VVYX'h\ fYY'h]a Yg'U'hYfbUh]b['k]h\ 'W\`cf\YI]X]bY'flcf'dfcj]XcbY!]cX]bY\Zc`ck YX`Vm ghYf]'Y'k UhYf'flcf'U`W\c`k"

No answer provided.

Aseptic technique is employed to minimize infection and maintain sterility. It is required for all survival surgery. This involves proper preparation of the animal, proper sterile surgeon attire, sterilization of instruments, etc.

>" "Cd\h\U'a]Wc]bha Ybh]g'Udd`]YX'hc`YmYg"

No answer provided.

>(" "GhYf]'Y]bghfe

Empty text area for the final question.

>" "8YgWf]VY\ck `Ub]a U'g'k]`VY'a cb]hc fYX'dcghcdYfUhj] Y`mUbX`k \Uh'a Yh\cXg'k]`VY
Ya d`cmYX`hc`dfYj Ybh]bZYWh]cbg`UbX`hc`U`Yj]UhY`dcgh!gi f[]WU`X]gW`a Zcfh"=Z`U[Ybhg`UfY
hc`VY`UXa]b]ghfUh]cb`fl=Dž`=A ž`=J ž`GE ž`cfU`ž`hcd]WU`L"8YgWf]VY'a Yh\cXg'i gYX`hc`XYhYWh
]bZYWh]cbg"=Z`h\Y`dfcW`Xi fY`k ci `X`VY`YI dY`WYX`hc`WU]i gY`dU]b#X]ghfYgg`]b`U`i a Ubž`i gY
cZ`UbU`[Yg]U`g`ci `X`VY`W`bg]XYfYX"5`gcž`]gh`h\Y`VY`Uj]cfg#g][bg`h`Uh`k ci `X`]bX]WU`hY
dU]b`cf`X]ghfYgg`]b`h\Y`Ub]a U`g"GHU`h\Y`]bhYfj U`cZ`dcghcdYfUhj] Y`cVgYfj Uh]cbg"
7cbgi `h`8@5F`Zcf`[i]XUbW"

Example:

Animals will be monitored for signs of post-surgical pain and infection or other complications. Analgesics and good nursing care will be provided to reduce pain and distress. A SQ injection of buprenorphine (0.05 mg/kg) is given at the initiation of surgery to sustain the pain relief. Saline (2 mL of saline/100g) will be given subcutaneously to alleviate dehydration. Boost and food pellets will be placed on the floor of the cage for easy access. In addition, rats will be monitored a minimum of once a day for the first 7 days following the surgery, and 2x weekly for the duration of the study. To determine whether the animals have pain, distress, and infection, the PI or study personnel will specifically pay attention to the following parameters: For infection, drinking, eating, and walking patterns will be monitored. For pain, the presence of awkward gait, hunched back, ocular and/or nasal discharge, and/or

