

**Supplementary Table S1**—Types of minor and major complications associated with gonadectomies performed by veterinary students at an urban animal shelter.

	Minor					Major				Total	Surgeries
	Dehiscence, skin	Scrotal hematoma	Swelling, irritation, incision infection	Vomiting or inappetence	Other, minor	Dehiscence, body wall	Died or Euthanized	Incision issue req revision	Other, major		
<b>Cat</b>											
<i>Male</i>	0	0	0	0	0	0	1 <sup>a</sup>	0	2 <sup>b</sup>	<b>3</b>	<b>1,333</b>
<i>Female</i>	0	0	5	0	0	1	3 <sup>c</sup>	2	0	<b>11</b>	<b>817</b>
<b>Total</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>14</b>	<b>2,150</b>
<b>Dog</b>											
<i>Male</i>	0	5	12	0	1 <sup>d</sup>	0	0	0	1 <sup>e</sup>	<b>19</b>	<b>496</b>
<i>Female</i>	2	0	10	1	0	2	0	2	0	<b>17</b>	<b>402</b>
<b>Total</b>	<b>2</b>	<b>5</b>	<b>22</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>36</b>	<b>898</b>

a Euthanized due to continuous tremors and decreased responsiveness one day after apparently normal surgical recovery

b Persistent bleeding from scrotum requiring resection and ligatures; abscess in inguinal area

c Kitten with severe lung pathology died immediately following surgery, Pregnant cat found dead one day postoperatively, euthanized several hours postoperatively for failure to recover prior to shift without nursing support

d Urinated blood

e Possible thermal burn from heating pad