

**SUPPLEMENTARY INFORMATION**

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3 **Table S1. Direct cost of canine AE treatment (Breakdown of costs)**

**Scenario 1: Basic work-up, diagnosis, euthanasia**

	<b>Procedure</b>	<b>Cost (Canadian dollars)</b>
1	Consultation	84-236
2	CBC/Chem/UA	180
3	IV Catheterization (IVC)	53
4	Sedation and Monitoring	63
5	Abdominal Ultrasound	365-486
6	Thoracic radiographs	166
7	U/S guided fine needle aspirate	100
8	Cytology	104
9	PCR plus shipping	133
10	Euthanasia	68
11	<b>Total</b>	<b>1,317-1,590</b>

**Scenario 2: Basic work-up, diagnosis, palliative treatment with albendazole life long**

1	Consultation	84-236
2	CBC/Chem/UA	180.64
3	IV Catheterization (IVC)	53
4	Sedation and Monitoring	63
5	Abdominal Ultrasound	365-486
6	Thoracic radiographs	166
7	U/S guided fine needle aspirate	100
8	Cytology	104
9	PCR plus shipping	133
10	Praziquantel	17-46
11	<b>Initial Total</b>	<b>1,161-1463</b>
	<b>Long term</b>	
12	First year rechecks and Blood work	678.49
13	Subsequent years (5-10)	2097-4719
14	Annual imaging	647-768 (including IVC, sedation and monitoring)
15	Albendazole/year	159-324
16	<b>Long term total</b>	<b>3,582-6,490</b>
17	<b>Overall total</b>	<b>4,744-7,954</b>

**Scenario 3: Full work-up, diagnosis, surgical planning, surgery, hospitalization, lifelong albendazole, no complication**

1	Consultation	84-236
2	CBC/Chem/UA	180
3	PT	50
4	PIT	50
5	Canine blood grouping	73

6	IV Catheterization	53
7	Sedation and Monitoring	63
8	CT (2 sites +contrast)	1,004-1,124
9	U/S guided FNA	100
10	Cytology	104
11	Surgical set up (basic)	92
12	Anesthesia induction	326
13	Every following 15 mins	42*6=252
14	Surgical removal of lesions	500-1000
15	ICU admission	79
16	48 hours in ICU Tier 2	630
17	48 hours barrier nursing	158
18	Perioperative meds	400-500
19	Histopathology	199
20	PCR plus shipping	133
21	Praziquantel	17-46
22	<b>Initial total</b>	<b>4,550-5,404</b>
	<b>Long term</b>	
23	First year rechecks and Blood work	678
24	Subsequent years (5-10)	2097-4719
25	Annual imaging	647-768 (including IVC and sedation and monitoring)
26	Albendazole/year	159-324
27	<b>Long term total</b>	<b>3,582-6,490</b>
28	<b>Overall total</b>	<b>4,744-7,954</b>

**Scenario 4: Full work-up, diagnosis, surgical planning, surgery, hospitalization, post-op hemorrhage requiring transfusion, higher level of ICU care, life-long albendazole**

1	Consultation	84-236
2	CBC/Chem/UA	180.64
3	PT	50
4	PIT	50
5	Canine blood grouping	73
6	IV Catheterization	53
7	Sedation and Monitoring	63
8	CT (2 sites +contrast)	1004-1124
9	U/S guided FNA	100
10	Cytology	104
11	Surgical set up (basic)	92
12	Anaesthesia induction	326
13	Every following 15 mins	42*6=252
14	Surgical removal of lesions	500-1000
15	ICU Admission	79
16	24 hours in ICU Tier 3	446
17	48 hours in ICU Tier 2	630
18	72 hours barrier nursing	237
19	1-unit PRBCs	105

20	Perioperative meds	400-500
21	Histopathology	199
22	PCR plus shipping	133
23	Praziquantel	17-46
24	Initial Total	5,264-6,164
	<b><i>Long term</i></b>	
23	First year rechecks and Blood work	678
24	Subsequent years (5-10)	2,097-4,719
25	Annual imaging	647-768 (including IVC and sedation and monitoring)
26	Albendazole/year	159-324
27	<b><i>Long term total</i></b>	<b>3,582-6,490</b>
28	<b>Overall total</b>	<b>8,846-12,655</b>

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5 **Abbreviations:**

6 CBC: complete blood count

7 Chem: Blood chemistry test

8 UA: Urinalysis

9 IVC: Intravenous catheterization

10 U/S: Ultrasound

11 PCR: Polymerase chain reaction

12 PT: Prothrombin time

13 PIT: Platelet count

14 ICU: Intensive care unit

15 CT: Computed tomography

16 PRBCs: Packet red blood cells

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