

VETERINARY EXPOSURE GUIDE - 1ø Generator

CANINE/FELINE SPINE

Body Part
VD Lumbar/Pelvis

Grid
40"

Small

mAs	CM	kVp
5	4-5	58
5	6-7	62
5	8-9	66
5	10-11	70

Medium

mAs	CM	kVp
8	12-13	70
8	14-15	74
8	16-17	78
8	18-19	82
8	20-21	86

Large

mAs	CM	kVp
12	22-23	86
12	24-25	90
12	26-27	94
12	28-29	98

LATERAL Lumbar

Grid
40"

Small

mAs	CM	kVp
5	4-5	58
5	6-7	62
5	8-9	66
5	10-11	70

Medium

mAs	CM	kVp
8	12-13	70
8	14-15	74
8	16-17	78
8	18-19	82
8	20-21	86

Large

mAs	CM	kVp
12	22-23	86
12	24-25	90
12	26-27	94
12	28-29	98

Body Part
VD Thoracic

Grid
40"

Small

mAs	CM	kVp
4	4-5	55
4	6-7	58
4	8-9	61
4	10-11	64

Medium

mAs	CM	kVp
6	12-13	64
6	14-15	68
6	16-17	72
6	18-19	76
6	20-21	80

Large

mAs	CM	kVp
10	22-23	78
10	24-25	82
10	26-27	86
10	28-29	90

LATERAL Thoracic

Grid
40"

mAs	CM	kVp
4	4-5	55
4	6-7	58
4	8-9	61
4	10-11	64

mAs	CM	kVp
6	12-13	64
6	14-15	68
6	16-17	72
6	18-19	76
6	20-21	80

mAs	CM	kVp
10	22-23	78
10	24-25	82
10	26-27	86
10	28-29	90

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CANINE/FELINE SPINE

Body Part		mAs	CM	kVp
VD Cervical	Grid	4	4-5	55
	40"	4	6-7	58
		4	8-9	61

LATERAL Cervical		mAs	CM	kVp
	Grid	Same as VD		
	40"	Same as VD		

Medium

mAs	CM	kVp
6	10-11	61
6	12-13	65
6	14-15	69
6	16-17	73

mAs	CM	kVp
Same as VD		

Large

mAs	CM	kVp
9	18-19	72
9	20-22	76
9	22-23	80

mAs	CM	kVp
Same as VD		

CANINE/FELINE SKULL

Body Part		mAs	CM	kVp
CRANIUM	Grid	4	4-5	60
	40"	4	6-7	63
		4	8-9	66

NASAL		mAs	CM	kVp
	Grid	4	2-3	55
	40"	4	4-5	58

Medium

mAs	CM	kVp
6	10-11	65
6	12-13	69
6	14-15	73

mAs	CM	kVp
6	6-7	58
6	8-9	61

Large

mAs	CM	kVp
10	16-17	72
10	18-19	76
10	20-21	80

mAs	CM	kVp
6	10-11	65
6	12-13	69

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CANINE/FELINE		Small			Medium			Large		
Shoulder/Stifle		mAs	CM	kVp	mAs	CM	kVp	mAs	CM	kVp
Grid 40"		6.0	6-7	55	8.0	10-11	58	12	16-17	64
		6.0	8-9	58	8.0	12-13	61	12.0	18-19	68
					8.0	14-15	64	12.0	20-21	72

CANINE/FELINE		Small			Medium			Large		
EXTREMITIES		mAs	CM	kVp	mAs	CM	kVp	mAs	CM	kVp
TT 40"		1.0	1-2	55	1.5	5-6	58	2.3	9-10	61
		1.0	3-4	58	1.5	7-8	61	2.3	11-12	65

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CANINE/FELINE CHEST		Small			Medium			Large		
Body Part	Grid	mAs	CM	kVp	mAs	CM	kVp	mAs	CM	kVp
VD Chest/Ribs	Y	2	4-5	60	2	10-11	70	3	18-19	82
	40"	2	6-7	63	2	12-13	74	3	20-21	86
		2	8-9	66	2	14-15	78	3	22-23	90
					2	16-17	82			
		mAs	CM	kVp	mAs	CM	kVp	mAs	CM	kVp
LATERAL Chest	Grid	1.5	4-5	60	1.5	10-11	70	2.25	18-19	82
	40"	1.5	6-7	63	1.5	12-13	74	2.25	20-21	86
		1.5	8-9	66	1.5	14-15	78	2.25	22-23	90
					1.5	16-17	82			
CANINE/FELINE AB		Small			Medium			Large		
Body Part	Grid	mAs	CM	kVp	mAs	CM	kVp	mAs	CM	kVp
VD Abdomen	Grid	4	4-5	60	6	12-13	69	10	22-23	85
	40"	4	6-7	63	6	14-15	73	15	24-25	85
		4	8-9	66	6	16-17	77	22.5	26-27	85
		4	10-11	69	6	18-19	81	33.8	28-29	85
				6	20-21	85				
		mAs	CM	kVp						
	TT	1.5	4-5	60						
	40"	1.5	6-7	63						
		1.5	8-9	66						

This guide offers STARTING techniques that will vary depending on output of x-ray generator, grid ratio, degree of collimation, and body habitus of animal. To assist you in developing your own technique guide, factors in each HIGHLIGHTED mAs and kVp cell may be changed and subsequent cells will adjust accordingly.