



Small animal exposure chart

Computerised Radiography systems (CR)

Suggested exposures are for a Focal Spot/Film Distance (FFD) of 80cm without a grid

Thorax – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	60	2		
9	65	2		
12	70	2		
15	75	2		
Medium Dog				
18	75	3.2		
21	75	3.2		
23	80	4		
Large Dog				
25	80	4 - 8		

Thorax – VD/DV view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	60	2		
9	65	2		
12	70	2		
15	75	2		
Medium Dog				
18	75	3.2		
21	75	3.2		
23	80	4		
Large Dog				
25	80	4 - 8		

Abdomen – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
6	50	2		
8	50	2		
10	55	2.5		
12	60	3		
14	65	3.5		
16	70	4		
Medium Dog				
18	75	5		
20	80	5		
22	80	6 - 8		
Large Dog				
24	80	8 - 12		

Abdomen – VD/DV view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
6	50	2		
8	50	2		
10	55	2.5		
12	60	3		
14	65	4		
16	70	4.5		
Medium Dog				
18	75	5		
20	80	5 - 6		
22	80	6 - 8		
Large Dog				
24	80	8 - 12		

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Pelvis/Hips – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
8	50	3.2		
10	55	3.2		
12	55	4		
14	60	5		
16	60	6		
Medium Dog				
18	65	6		
20	65	8		
Large Dog				
22	70	8 - 12		

Pelvis/Hips – VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
8	50	2.5		
10	55	3.2		
12	55	4		
14	60	4		
16	60	6		
Medium Dog				
18	65	6		
20	70	8		
Large Dog				
22	8	8 - 12		

Extremities – lateral and CC/DP views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
1	50	2		
2	50	2		
3	50	2		
4	50	2		
5	55	2		
Medium Dog				
6	55	3.2		
8	55	4		
Large Dog				
10	58	4		
12	60	6		
14	60	8		

Skull – lateral and DV/VD views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
8	50	2		
10	55	3.2		
12	60	4		
Medium Dog				
14	65	5		
16	70	6		
Large Dog				
18	75	6.4 - 8		

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Thoracic Spine – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	50	3.2		
9	55	4		
12	60	5		
15	65	6		
Medium Dog				
18	70	7		
21	75	7		
23	80	8		
Large Dog				
25	80	8 - 12		

Thoracic Spine – VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	50	4.0		
9	55	5		
12	60	6		
15	65	6.5		
Medium Dog				
18	70	7		
21	75	8		
23	80	8		
Large Dog				
25	80	8 - 12		

Cervical Spine – lateral and VD views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	50	2		
9	55	3		
12	55	4		
15	65	5		
Medium Dog				
18	70	7		
21	75	7		
23	75	8		
Large Dog				
25	80	10 - 16		

Lumbar Spine – lateral and VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
6	50	3.2		
8	50	4		
10	55	4		
12	60	5		
14	65	5		
16	70	6		
Medium Dog				
18	75	7		
20	80	8		
22	80	10		
Large Dog				
24	80	10 - 16		

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