



# Small animal exposure chart

## Computerised Radiography systems (CR)

Suggested exposures are for a Focal Spot/Film Distance (FFD) of 100cm without a grid  
If using a grid double the mAs or add 10kV

### Thorax – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	60	2		
9	62	2		
12	70	2.4		
15	73	2.4		
Medium Dog				
18	75	2.4		
21	80	3.2		
23	85	3.2		
Large Dog				
25 - 30	80 - 90	4 - 6		

### 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	73	2.4		
Medium Dog				
18	75	2.4		
21	80	3.2		
23	85	3.2		
Large Dog				
25 - 30	80 - 90	4 - 6		

### Abdomen – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
4 - 6	52	2.4		
8	52	3.2		
10	55	3.2		
12	55	4.5		
14	60	5		
16	65	6		
Medium Dog				
18	70	7		
20	75	7		
22	80	8		
Large Dog				
24 - 30	80	8 - 12		

### Abdomen – VD/DV view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
4 - 6	52	2.4		
8	52	3.2		
10	55	3.2		
12	55	4.5		
14	60	5		
16	65	6		
Medium Dog				
18	70	7		
20	75	7		
22	80	8		
Large Dog				
24 - 30	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	55	3.2		
10	58	3.2		
12	60	4		
14	65	4		
16	65	5		
Medium Dog				
18	65	6.4		
20 - 22	65	8		
Large Dog				
24 - 30	70	10 - 16		

### Pelvis/Hips – VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
8	55	3.2		
10	58	3.2		
12	60	4		
14	65	4		
16	65	5		
Medium Dog				
18	65	6.4		
20 - 22	65	8		
Large Dog				
24 - 30	70	10 - 16		

### Extremities – lateral and CC/DP views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
1	50	2		
2	52	2		
3	52	2.4		
4	55	2.4		
5	55	3		
Medium Dog				
6	55	3.2		
8	60	4		
Large Dog				
10	62	5		
12	60	6.4		
14 - 20	60	8 - 10		

### Skull – lateral and DV/VD views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
6 - 8	50	2.4		
10	55	3.2		
12	60	5		
Medium Dog				
14	70	6		
16	70	8		
Large Dog				
18 - 20	70	8 - 10		

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### Thoracic Spine – lateral view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	60	3.2		
9	62	4		
12	65	4		
15	68	5		
Medium Dog				
18	72	6		
21	75	8		
23	75	10		
Large Dog				
25 - 30	80	10 - 16		

### Thoracic Spine – VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
7	60	3.2		
9	62	4		
12	65	4		
15	70	5		
Medium Dog				
18	75	7		
21	75	8.0		
23	80	10		
Large Dog				
25 - 30	80	10 - 16		

### Cervical Spine – lateral and VD views

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
5 - 7	50	2.4		
9	52	3.2		
12	55	4		
15	60	5		
Medium Dog				
18	60	7		
21	65	7		
23	80	8		
Large Dog				
25 - 30	80	10 - 16		

### Lumbar Spine – lateral and VD view

Thickness (cm)	Suggested kV	Suggested mAs	Adjusted kV	Adjusted mAs
Cat/Small Dog				
4 - 6	50	2.5		
8	52	3.2		
10	55	3.2		
12	60	4		
15	65	6		
Medium Dog				
18	70	6		
20	75	8		
22	80	10		
Large Dog				
25 - 30	80	10 - 16		

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