3DISC IMAGING

STANDARD EXPOSURE CHART

SINGLE PHASE GENERATOR

USE FOR: Dog, Cat

Thickness	Skull			Thorax			Abdomen			Pelvis			Extremity			Shoulder/ Clavicle			Spine			Thickness
CM	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	CM
1	55	1,6	No	55	1,6	No	55	1,6	No	60	1	No	55	2	No	55	1,6	No	55	1,6	No	1
2	55	1,6	No	60	1,6	No	55	1,6	No	60	1,6	No	55	3,2	No	60	1,6	No	55	1,6	No	2
3	68	1,6	No	65	1,6	No	68	1,6	No	60	2	No	55	3,2	No	65	1,6	No	68	1,6	No	3
4	68	1,6	No	65	2	No	68	1,6	No	60	3,2	No	55	4	No	65	2	No	68	1,6	No	4
5	68	1,6	No	70	2	No	70	3,2	No	70	3,2	No	55	4	No	65	2,5	No	70	3,2	No	5
6	80	1,6	No	70	2,5	No	70	3,2	No	70	3,2	No	55	5	No	65	3,2	No	70	3,2	No	6
7	80	1,6	No	80	5	No	80	8	No	70	3,2	No	55	5	No	70	3,2	No	80	8	No	7
8	80	1,6	No	80	5	No	80	10	No	80	5	No	60	5	No	70	6,4	No	80	10	No	8
9	80	3,2	No	80	6,4	No	80	10	No	80	5	No	60	5	No	70	8	No	80	10	No	9
10	80	3,2	No	90	8	Yes	80	16	Yes	80	10	Yes	64	5	No	80	10	Yes	80	16	Yes	10
11	80	3,2	No	90	8	Yes	80	20	Yes	80	12	Yes	64	5	No	80	10	Yes	80	20	Yes	11
12	80	12	Yes	90	10	Yes	80	20	Yes	80	12	Yes	76	12	Yes	80	12	Yes	80	20	Yes	12
13	80	12	Yes	90	10	Yes	80	25	Yes	80	12	Yes	76	12	Yes	80	12	Yes	80	25	Yes	13
14	80	12	Yes	90	12	Yes	80	25	Yes	80	16	Yes	76	16	Yes	80	20	Yes	80	25	Yes	14
15	80	24	Yes	90	12	Yes	80	25	Yes	80	16	Yes	76	16	Yes	80	20	Yes	80	25	Yes	15
16	80	24	Yes	90	12	Yes	80	30	Yes	80	16	Yes	76	16	Yes	80	20	Yes	80	30	Yes	16
17	80	24	Yes	90	12	Yes	80	30	Yes	80	20	Yes	80	16	Yes	80	25	Yes	80	30	Yes	17
18	80	40	Yes	90	12	Yes	80	30	Yes	80	20	Yes	80	16	Yes	80	25	Yes	80	30	Yes	18
19	80	40	Yes	90	16	Yes	80	36	Yes	80	25	Yes	80	20	Yes	80	25	Yes	80	36	Yes	19
20	80	40	Yes	90	16	Yes	80	36	Yes	80	25	Yes	80	20	Yes	80	30	Yes	80	36	Yes	20
21	80	48	Yes	90	16	Yes	80	40	Yes	80	30	Yes	80	25	Yes	80	30	Yes	80	40	Yes	21
22	80	48	Yes	90	16	Yes	80	40	Yes	80	30	Yes	80	25	Yes	80	36	Yes	80	40	Yes	22
23	80	48	Yes	90	16	Yes	80	45	Yes	80	36	Yes	80	30	Yes	80	36	Yes	80	45	Yes	23
24	80	60	Yes	90	20	Yes	80	45	Yes	80	36	Yes	80	30	Yes	80	40	Yes	80	45	Yes	24
25	80	60	Yes	90	20	Yes	90	30	Yes	80	40	Yes	80	36	Yes	80	40	Yes	90	30	Yes	25
26	80	80	Yes	90	20	Yes	90	30	Yes	80	40	Yes	80	36	Yes	80	45	Yes	90	30	Yes	26
27	80	80	Yes	90	20	Yes	90	36	Yes	80	45	Yes	80	40	Yes	80	45	Yes	90	36	Yes	27
28	90	80	Yes	90	20	Yes	90	36	Yes	80	45	Yes	80	40	Yes	80	50	Yes	90	36	Yes	28
29	90	80	Yes	90	25	Yes	90	40	Yes	80	50	Yes	80	45	Yes	80	50	Yes	90	40	Yes	29
30	96	80	Yes	90	25	Yes	90	40	Yes	80	50	Yes	80	45	Yes	80	60	Yes	90	40	Yes	30

USE FOR: Rodent, Bird, Snake, Lizard, Turtle/ Tortoise, Rabbit

Thickness	Rodent			Bird			Snake			Lizard			Turtle/ Tortoise			Rabbit			Thickness
CM	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	kVp	mAs	Grid	CM
1	60	3,2	No	50	2	No	55	1,6	No	55	1,6	No	50	1,6	No	60	3,2	No	1
2	60	3,2	No	55	2,5	No	55	1,6	No	55	2	No	55	2	No	60	3,2	No	2
3	60	4	No	55	2,5	No	55	1,6	No	55	2	No	55	2	No	60	4	No	3
4	60	4	No	55	3,2	No	55	1,6	No	60	2	No	55	3,2	No	60	4	No	4
5	65	4	No	55	3,2	No	55	1,6	No	60	2,5	No	55	3,2	No	65	4	No	5
6	65	4	No	55	4	No	55	2	No	60	3,2	No	60	4	No	65	4	No	6
7	70	5	No	55	4	No	55	2	No	70	3,2	No	60	4	No	70	5	No	7
8	70	5	No	55	5	No	55	2	No	70	3,2	No	65	5	No	70	5	No	8
9	80	10	No	55	5	No	55	2	No	70	4	No	65	5	No	80	10	No	9
10	80	16	Yes	60	5	No	55	2	No	80	8	Yes	75	8	Yes	80	16	Yes	10
11	80	20	Yes	60	5	No	55	3,2	No	80	8	Yes	75	8	Yes	80	20	Yes	11
12	80	20	Yes	64	5	No	55	3,2	No	80	12	Yes	80	12	Yes	80	20	Yes	12
13	80	25	Yes	64	5	No	55	3,2	No	80	12	Yes	80	12	Yes	80	25	Yes	13
14	80	25	Yes	76	12	Yes	55	3,2	No	80	16	Yes	80	16	Yes	80	25	Yes	14
15	80	30	Yes	76	12	Yes	55	3,2	No	80	16	Yes	80	16	Yes	80	30	Yes	15
16	80	30	Yes	76	16	Yes	60	3,2	No	80	20	Yes	80	20	Yes	80	30	Yes	16
17	80	36	Yes	76	16	Yes	60	3,2	No	80	20	Yes	80	20	Yes	80	36	Yes	17
18	80	36	Yes	76	16	Yes	60	3,2	No	80	25	Yes	80	25	Yes	80	36	Yes	18
19	80	40	Yes	80	16	Yes	60	3,2	No	80	25	Yes	80	25	Yes	80	40	Yes	19
20	80	40	Yes	80	16	Yes	60	3,2	No	80	30	Yes	80	30	Yes	80	40	Yes	20

Note: This exposure chart was made using a parallel, 10:1 ratio grid, focused at ~1m (3 feet).
Exposure factors may vary between OEMs and the equipment's current maintenance level can also affect the outcome.
The Exposure Index (EI) is an approximate indicator of the dose that reaches the image receptor. The range is 1800-2200. Dose <1800=Under Exposed, Dose>2200=Over Exposed.
On all Bucky work, use as high an mA station possible to help minimize patient motion.