

STANDARD MEDICAL EXPOSURE CHART

HF/3 PHASE GENERATORS

Part	Projection	Thickness	kVp	mAs	mA	Sec	Grid	SID
SKULL	AP/PA	7,5-8,5" (19-22 cm)	80	20	400	0,05	Yes	40" (1 m)
	Lat	5,5-6,5" (14-16 cm)	80	12	400	0,03	Yes	40" (1 m)
SINUS	AP/PA	7,5-8,5" (19-22 cm)	80	20	400	0,05	Yes	40" (1 m)
	Lat	5,5-6,5" (14-16 cm)	80	12	400	0,03	Yes	40" (1 m)
FACE	SMV	7,5-8,5" (19-22 cm)	80	20	400	0,05	Yes	40" (1 m)
	AP/PA	7,5-8,5" (19-22 cm)	80	20	300	0,067	Yes	40" (1 m)
FACE	Lat	5,5-6,5" (14-16 cm)	80	12	300	0,04	Yes	40" (1 m)
	AP/PA	4,5-5,5" (11-14 cm)	80	5	300	0,017	Yes	40" (1 m)
C-SPINE	Lat	4,5-5,5" (11-14 cm)	80	10	300	0,033	Yes	72" (1,8 m)
	OBL	4,5-5,5" (11-14 cm)	80	6,4	300	0,021	Yes	40" (1 m)
	Dens	4,5-5,5" (11-14 cm)	80	6,4	300	0,021	Yes	40" (1 m)
T-SPINE	AP/PA	8,5-9,5" (21-24 cm)	80	16	250	0,064	Yes	40" (1 m)
	Lat	12-13,5" (30-34 cm)	90	20	300	0,067	Yes	40" (1 m)
CHEST	AP/PA	9-10" (23-26 cm)	115	4	200	0,02	Yes	72" (1,8 m)
	Lat	10,5-12" (27-31 cm)	115	5	200	0,025	Yes	72" (1,8 m)
SHOULDER	AP/PA	5-6,5" (13-16 cm)	80	5	300	0,017	Yes	40" (1 m)
	Y	-	85	8	300	0,027	Yes	40" (1 m)
SHOULDER	OBL	5-6,5" (13-16 cm)	85	8	300	0,027	Yes	40" (1 m)
	AP/PA	5-6,5" (13-16 cm)	80	5	250	0,02	Yes	40" (1 m)
AC JOINTS	AP/PA	5-6,5" (13-16 cm)	80	8	250	0,032	Yes	40" (1 m)
CLAVICLE	AP/PA	5-6,5" (13-16 cm)	80	8	250	0,032	Yes	40" (1 m)
SC JOINTS	PA	5-6,5" (13-16 cm)	80	5	250	0,02	Yes	40" (1 m)
	OBL	5-6,5" (13-16 cm)	85	8	250	0,032	Yes	40" (1 m)
HUMERUS	AP	3-4" (7-10 cm)	60	2,5	250	0,01	No	40" (1 m)
	Lat	3-4" (7-10 cm)	60	2,5	250	0,01	No	40" (1 m)
ELBOW	AP/PA	3-4" (7-10 cm)	60	2	250	0,008	No	40" (1 m)
	Lat	3-4" (7-10 cm)	60	2	250	0,008	No	40" (1 m)
	OBL	3-4" (7-10 cm)	60	2	250	0,008	No	40" (1 m)
FOREARM	AP/PA	2,5-3,5" (6-9 cm)	60	1,6	250	0,006	No	40" (1 m)
	Lat	2,5-3,5" (6-9 cm)	60	1,6	250	0,006	No	40" (1 m)
WRIST	AP/PA	1,5-2,5" (4-6 cm)	60	1,3	250	0,005	No	40" (1 m)
	Lat	2-3" (5-8 cm)	60	1,6	250	0,006	No	40" (1 m)
WRIST	OBL	1,5-2,5" (4-6 cm)	60	2	250	0,008	No	40" (1 m)
	AP/PA	1-1,5" (2-4 cm)	55	1,6	250	0,006	No	40" (1 m)
HAND	OBL	1-1,5" (2-4 cm)	57	1,6	250	0,006	No	40" (1 m)
	Lat	2-3" (5-8 cm)	55	2,5	250	0,01	No	40" (1 m)
FINGER	AP/PA	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)
	OBL	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)
FINGER	Lat	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)
	Supine	8-9" (20-23 cm)	80	25	400	0,063	Yes	40" (1 m)
ABDOMEN	Upright	8-9" (20-23 cm)	100	12,5	400	0,031	Yes	40" (1 m)
	Crosstable	8-9" (20-23 cm)	90	20	400	0,05	Yes	40" (1 m)
	AP/PA	8-9" (20-23 cm)	80	25	400	0,063	Yes	40" (1 m)
L-SPINE	OBL	9,5-10" (24-26 cm)	80	30	400	0,075	Yes	40" (1 m)
	Lat	11-12" (28-30 cm)	96	30	400	0,075	Yes	40" (1 m)
	Spot	14-15" (35-38 cm)	96	50	400	0,125	Yes	40" (1 m)
SACRUM	AP/PA	8,5-9,5" (21-24 cm)	76	50	250	0,2	Yes	40" (1 m)
	OBL	11-12" (28-30 cm)	76	64	250	0,256	Yes	40" (1 m)
SACRUM	Lat	12-13,5" (31-34 cm)	96	40	400	0,1	Yes	40" (1 m)
	AP/PA	8-9" (20-23 cm)	80	25	400	0,063	Yes	40" (1 m)
PELVIS	AP/PA	6,5-8" (17-20 cm)	80	20	400	0,05	Yes	40" (1 m)
HIP	Lat	6,5-8" (17-20 cm)	80	20	400	0,05	Yes	40" (1 m)
	Crosstable	8,5-9,5" (21-24 cm)	80	40	400	0,1	Yes	40" (1 m)
FEMUR	AP Prox	6,5-8" (17-20 cm)	80	8	400	0,02	Yes	40" (1 m)
	Lat Prox	6,5-8" (17-20 cm)	80	8	400	0,02	Yes	40" (1 m)
	AP Dist	5,5-6,5" (14-17 cm)	80	5	300	0,017	Yes	40" (1 m)
	Lat Dist	5,5-6,5" (14-17 cm)	80	5	300	0,017	Yes	40" (1 m)
FEMUR	AP/PA	4,5-5,5" (11-14 cm)	80	2,5	300	0,008	Yes	40" (1 m)
	Lat	4-5" (10-13 cm)	80	2,5	300	0,008	Yes	40" (1 m)
	OBL	4,5-5,5" (11-14 cm)	80	3	300	0,01	Yes	40" (1 m)
	Patella	-	80	1,6	300	0,005	Yes	40" (1 m)
KNEE	Tunnel	4,5-5,5" (11-14 cm)	80	4	300	0,013	Yes	40" (1 m)
	AP/PA	3,5-4,5" (9-12 cm)	70	1,6	300	0,005	No	40" (1 m)
TIB/FIB	Lat	3-4,5" (8-11 cm)	70	1,6	300	0,005	No	40" (1 m)
	AP/PA	3-4" (7-10 cm)	60	1,6	250	0,006	No	40" (1 m)
ANKLE	OBL	3-4" (7-10 cm)	60	2	250	0,008	No	40" (1 m)
	Lat	2,5-3,5" (6-9 cm)	60	1,3	250	0,005	No	40" (1 m)
CALCANEUS	Axial	3-4,5" (8-12 cm)	65	3	250	0,012	No	40" (1 m)
	Lat	2-3" (5-8 cm)	60	1,3	250	0,005	No	40" (1 m)
FOOT	AP/DP	3-3,5" (7-9 cm)	60	1	250	0,004	No	40" (1 m)
	OBL	3-4,5" (8-11 cm)	60	1,6	250	0,006	No	40" (1 m)
FOOT	Lat	3,5-4,5" (9-12 cm)	60	2	250	0,008	No	40" (1 m)
	AP	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)
TOES	OBL	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)
	Lat	0,5-1" (1-3 cm)	55	1	250	0,004	No	40" (1 m)

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>2200=Over Exposed. On all Bucky work, use as high an mA station possible to help minimize patient motion.