

STANDARD MEDICAL EXPOSURE CHART

SINGLE PHASE GENERATOR

Part	Projection	Thickness	kVp	mAs	mA	Sec	Grid	SID
SKULL	AP/PA	7,5-8,5" (19-22 cm)	80	40	400	0,1	Yes	40" (1 m)
	Lat	5,5-6,5" (14-16 cm)	80	24	400	0,06	Yes	40" (1 m)
SINUS	AP/PA	7,5-8,5" (19-22 cm)	80	40	400	0,1	Yes	40" (1 m)
	Lat	5,5-6,5" (14-16 cm)	80	24	400	0,06	Yes	40" (1 m)
FACE	SMV	7,5-8,5" (19-22 cm)	80	40	400	0,1	Yes	40" (1 m)
	AP/PA	7,5-8,5" (19-22 cm)	80	40	300	0,133	Yes	40" (1 m)
	Lat	5,5-6,5" (14-16 cm)	80	24	300	0,08	Yes	40" (1 m)
	C-SPINE	AP/PA	4,5-5,5" (11-14 cm)	80	10	300	0,033	Yes
Lat		4,5-5,5" (11-14 cm)	80	20	300	0,067	Yes	72" (1,8 m)
OBL		4,5-5,5" (11-14 cm)	80	10	300	0,033	Yes	40" (1 m)
Dens		4,5-5,5" (11-14 cm)	80	12	300	0,04	Yes	40" (1 m)
T-SPINE	AP/PA	8,5-9,5" (21-24 cm)	80	30	250	0,12	Yes	40" (1 m)
	Lat	12-13,5" (30-34 cm)	90	40	300	0,133	Yes	40" (1 m)
CHEST	AP/PA	9-10" (23-26 cm)	115	8	200	0,04	Yes	72" (1,8 m)
	Lat	10,5-12" (27-31 cm)	115	10	200	0,05	Yes	72" (1,8 m)
SHOULDER	AP/PA	5-6,5" (13-16 cm)	80	10	300	0,033	Yes	40" (1 m)
	Y	-	85	16	300	0,053	Yes	40" (1 m)
	OBL	5-6,5" (13-16 cm)	85	16	300	0,053	Yes	40" (1 m)
AC JOINTS	AP/PA	5-6,5" (13-16 cm)	80	10	250	0,04	Yes	40" (1 m)
CLAVICLE	AP/PA	5-6,5" (13-16 cm)	80	16	250	0,064	Yes	40" (1 m)
SC JOINTS	PA	5-6,5" (13-16 cm)	80	10	250	0,04	Yes	40" (1 m)
	OBL	5-6,5" (13-16 cm)	85	16	250	0,064	Yes	40" (1 m)
HUMERUS	AP	3-4" (7-10 cm)	60	5	250	0,02	No	40" (1 m)
	Lat	3-4" (7-10 cm)	60	5	250	0,02	No	40" (1 m)
ELBOW	AP/PA	3-4" (7-10 cm)	60	4	250	0,016	No	40" (1 m)
	Lat	3-4" (7-10 cm)	60	4	250	0,016	No	40" (1 m)
	OBL	3-4" (7-10 cm)	60	4	250	0,016	No	40" (1 m)
FOREARM	AP/PA	2,5-3,5" (6-9 cm)	60	3	250	0,012	No	40" (1 m)
	Lat	2,5-3,5" (6-9 cm)	60	3	250	0,012	No	40" (1 m)
WRIST	AP/PA	1,5-2,5" (4-6 cm)	60	2,5	250	0,01	No	40" (1 m)
	Lat	2-3" (5-8cm)	60	3	250	0,012	No	40" (1 m)
	OBL	1,5-2,5" (4-6 cm)	62	3	250	0,012	No	40" (1 m)
HAND	AP/PA	1-1,5" (2-4 cm)	55	3	250	0,012	No	40" (1 m)
	OBL	1-1,5" (2-4cm)	57	3	250	0,012	No	40" (1 m)
	Lat	2-3" (5-8 cm)	60	4	250	0,016	No	40" (1 m)
FINGER	AP/PA	0,5-1" (1-3cm)	55	2	250	0,008	No	40" (1 m)
	OBL	0,5-1" (1-3cm)	55	2	250	0,008	No	40" (1 m)
	Lat	0,5-1" (1-3cm)	55	2	250	0,008	No	40" (1 m)
ABDOMEN	Supine	8-9" (20-23 cm)	80	50	400	0,125	Yes	40" (1 m)
	Upright	8-9" (20-23 cm)	100	25	400	0,063	Yes	40" (1 m)
	Crosstable	8-9" (20-23 cm)	90	40	400	0,1	Yes	40" (1 m)
L-SPINE	AP/PA	8-9" (20-23 cm)	80	50	400	0,125	Yes	40" (1 m)
	OBL	9,5-10" (24-26 cm)	80	60	400	0,15	Yes	40" (1 m)
	Lat	11-12" (28-30 cm)	96	60	400	0,15	Yes	40" (1 m)
	Spot	14-15" (35-38 cm)	96	100	400	0,25	Yes	40" (1 m)
SACRUM	AP/PA	8,5-9,5" (21-24 cm)	76	100	250	0,4	Yes	40" (1 m)
	OBL	11-12" (28-30 cm)	76	100	250	0,4	Yes	40" (1 m)
	Lat	12-13,5" (31-34 cm)	96	80	400	0,2	Yes	40" (1 m)
PELVIS	AP/PA	8-9" (20-23 cm)	80	50	400	0,125	Yes	40" (1 m)
HIP	AP/PA	6,5-8" (17-20 cm)	80	40	400	0,1	Yes	40" (1 m)
	Lat	6,5-8" (17-20 cm)	80	40	400	0,1	Yes	40" (1 m)
	Crosstable	8,5-9,5" (21-24 cm)	80	80	400	0,2	Yes	40" (1 m)
FEMUR	AP Prox	6,5-8" (17-20 cm)	80	16	400	0,04	Yes	40" (1 m)
	Lat Prox	6,5-8" (17-20 cm)	80	16	400	0,04	Yes	40" (1 m)
	AP Dist	5,5-6,5" (14-17 cm)	80	10	300	0,033	Yes	40" (1 m)
	Lat Dist	5,5-6,5" (14-17 cm)	80	10	300	0,033	Yes	40" (1 m)
KNEE	AP/PA	4,5-5,5" (11-14 cm)	80	5	300	0,017	Yes	40" (1 m)
	Lat	4-5" (10-13 cm)	80	5	300	0,017	Yes	40" (1 m)
	OBL	4,5-5,5" (11-14 cm)	80	6,4	300	0,021	Yes	40" (1 m)
	Patella	-	80	3	300	0,01	Yes	40" (1 m)
	Tunnel	4,5-5,5" (11-14 cm)	80	8	300	0,027	Yes	40" (1 m)
TIB/FIB	AP/PA	3,5-4,5" (9-12 cm)	70	3	300	0,01	No	40" (1 m)
	Lat	3-4,5" (8-11 cm)	70	3	300	0,01	No	40" (1 m)
ANKLE	AP/PA	3-4" (7-10 cm)	60	3	250	0,012	No	40" (1 m)
	OBL	3-4" (7-10 cm)	62	3	250	0,012	No	40" (1 m)
	Lat	2,5-3,5" (6-9 cm)	60	2,5	250	0,01	No	40" (1 m)
CALCANEUS	Axial	3-4,5" (8-12 cm)	65	6	250	0,024	No	40" (1 m)
	Lat	2-3" (5-8 cm)	60	2,5	250	0,01	No	40" (1 m)
FOOT	AP/DP	3-3,5" (7-9 cm)	60	2	250	0,008	No	40" (1 m)
	OBL	3-4,5" (8-11 cm)	60	2,5	250	0,01	No	40" (1 m)
	Lat	3,5-4,5" (9-12 cm)	60	4	250	0,016	No	40" (1 m)
TOES	AP	0,5-1" (1-3 cm)	55	2	250	0,008	No	40" (1 m)
	OBL	0,5-1" (1-3 cm)	55	2	250	0,008	No	40" (1 m)
	Lat	0,5-1" (1-3 cm)	55	2	250	0,008	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.