TINGLE X-RAY PRODUCTS, Inc.
10629 TXR Road, Vance, Alabama 35490
(205) 556-3803 Office (205) 556-3824 FAX

RARE EARTH RADIOGRAPHIC TECHNIQUE CHART

When true 400 speed is accomplished using green Ortho film and Ortho screens you may have to slightly lower kVp.

(400 Speed System)

	POS.	MAS.	DIST.	GRID OR BUCKY	MA.	Estab. TECH-NIQUE	Rare Earth Screen	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
THICKNESS OF PART IN CENTIMETERS																														
CERVICAL SPINE	A.P.	16.7	40	YES	200		1/12			56	60	64	68	72	76	80	84	88	92	94	96	100								
CERVICAL SPINE	LAT.	30	72	YES	200		3/20		56	60	64	68	72	76	80	84	88	92	94	96	100	104								
DORSAL SPINE	A.P.	80	40	YES	200		8/20						54	58	62	66	70	74	78	82	86	90	94	98	100	104	108			
DORSAL SPINE	LAT.	80	40	YES	200		8/20							62	66	70	74	78	82	86	90	94								
LUMBAR SPINE	A.P.	120	40	YES	200		12/20						54	60	64	68	72	76	80	84	88	92	96	100	104	108	112			
LUMBAR SPINE	LAT.	200	40	YES	200		1 Sec									62	66	70	74	78	82	86	90	94	98	102	106	110		
PELVIS	A.P.	80	40	YES	200		8/20						60	64	68	72	74	78	82	86	90	94	98	102	106	110	114			
SKULL	ALL	45	40	YES	300		3/20						52	56	60	64	68	72	76	80	84	88	92							
MANDIBLE	P.A.	25	40	YES	300		1/12					56	60	64	68	72	76	80	84	88	92	96	100							
MANDIBLE	LAT.	3.3	30	NO	100		1/30					60	64	68	72	76	80	84	88	92	96	100	104							
THICKNESS OF PART IN CENTIMETERS								2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
STOMACH	P.A.	40	40	YES	200		4/20							70	74	78	82	86	90	94	98	102	106	110	114					
COLON	P.A.	40	40	YES	200		4/20							70	74	78	82	86	90	94	98	102	106	110	114					
KIDNEY (K.U.B.)	A.P.	45	40	YES	300		3/20											60	64	68	72	76	80	84	88	92	96	100	104	108
SINUS (NASAL)	LAT.	25	40	YES	300		1/12				68	72	76	80	84	88	90	94	98	102										
SINUS - MAXILLARY FRONTAL SPHENOID		45	40	YES	300		3/20				52	56	60	64	72	76	80	84	88	92	96									
MASTOID (LAW'S POS.)	LAT.	6.7	30	YES	200		1/30					60	64	68	72	76	80	84	88	92										
THICKNESS OF PART IN CENTIMETERS								2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
SHOULDERS	A.P.	6.7	40	YES	200		1/30		56	60	64	68	72	76	80	84	88	92	96	100										
UPPER RIBS	P.A. A.D.	6.7	40	YES	200		1/30						64	68	72	76	80	84	88	92	96	100								
LOWER RIBS	P.A. A.D.	30	40	YES	200		3/20						68	72	76	80	84	88	92	96	100	104	108	110						
CHEST	P.A.	5	72	NO	300		1/60							54	58	62	66	70	74	78	82	86	90	94	98	102	106			
CHEST	LAT.	16.7	72	NO	200		1/12								52	56	60	64	68	72	76	80	84	88	92	96	100	104		
CHEST	P.A.	5	72	YES	300		1/60							64	68	72	76	80	84	88	92	96	100	104	108	112	116			
CHEST	LAT.	16.7	72	YES	200		1/12								62	66	70	74	78	82	86	90	94	98	102	106	110	114		
EXTREMITIES	ALL	4.2	40	NO	50		1/12	50	54	58	62	66	70	74	78	82	84													

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HIGH PLUS RADIOGRAPHIC TECHNIQUE CHART

Use High Plus combination screen and film. *(200 Speed System)*

	POS.	MAS.	DIST.	GRID OR BUCKY	MA.	Time High Plus	Estab. TECH-NIQUE	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
THICKNESS OF PART IN CENTIMETERS																														
CERVICAL SPINE	A.P.	20	40	YES	200	2/20				56	60	64	68	72	76	80	84	88	92	94	96	100								
CERVICAL SPINE	LAT.	40	72	YES	200	4/20			56	60	64	68	72	76	80	84	88	92	94	96	100	104								
DORSAL SPINE	A.P.	100	40	YES	200	10/20							54	58	62	66	70	74	78	82	86	90	94	98	100	104	108			
DORSAL SPINE	LAT.	100	40	YES	200	10/20								62	66	70	74	78	82	86	90	94								
LUMBAR SPINE	A.P.	160	40	YES	200	16/20							54	60	64	68	72	76	80	84	88	92	96	100	104	108	112			
LUMBAR SPINE	LAT.	280	40	YES	200	14/10										62	66	70	74	78	82	86	90	94	98	102	106	110		
PELVIS	A.P.	100	40	YES	200	10/20							60	64	68	72	74	78	82	86	90	94	98	102	106	110	114			
SKULL	ALL	60	40	YES	300	4/20							52	56	60	64	68	72	76	80	84	88	92							
MANDIBLE	P.A.	30	40	YES	300	2/20						56	60	64	68	72	76	80	84	88	92	96	100							
MANDIBLE	LAT.	5	30	NO	100	1/20						60	64	68	72	76	80	84	88	92	96	100	104							
THICKNESS OF PART IN CENTIMETERS								2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
STOMACH	P.A.	50	40	YES	200	5/20								70	74	78	82	86	90	94	98	102	106	110	114					
COLON	P.A.	50	40	YES	200	5/20								70	74	78	82	86	90	94	98	102	106	110	114					
KIDNEY (K.U.B.)	A.P.	60	40	YES	300	4/20												60	64	68	72	76	80	84	88	92	96	100	104	108
SINUS (NASAL)	LAT.	30	40	YES	300	2/20					68	72	76	80	84	88	90	94	98	102										
SINUS - MAXILLARY FRONTAL SPHENOID		60	40	YES	300	4/20					52	56	60	64	72	76	80	84	88	92	96									
MASTOID (LAW'S POS.)	LAT.	10	30	YES	200	1/20						60	64	68	72	76	80	84	88	92										
THICKNESS OF PART IN CENTIMETERS								2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
SHOULDERS	A.P.	10	40	YES	200	1/20			56	60	64	68	72	76	80	84	88	92	96	100										
UPPER RIBS	P.A. A.D.	10	40	YES	200	1/20							64	68	72	76	80	84	88	92	96	100								
LOWER RIBS	P.A. A.D.	40	40	YES	200	4/20							68	72	76	80	84	88	92	96	100	104	108	110						
CHEST	P.A.	10	72	NO	300	1/30								54	58	62	66	70	74	78	82	86	90	94	98	102	106			
CHEST	LAT.	20	72	NO	200	2/20									52	56	60	64	68	72	76	80	84	88	92	96	100	104		
CHEST	P.A.	10	72	YES	300	1/30								64	68	72	76	80	84	88	92	96	100	104	108	112	116			
CHEST	LAT.	20	72	YES	200	2/20									62	66	70	74	78	82	86	90	94	98	102	106	110	114		
EXTREMITIES	ALL	5	40	NO	50	2/20		50	54	58	62	66	70	74	78	82	84													