

KODAK EC-L FILM SYSTEM TECHNIQUE CHART

Common Techniques for 6 MV Beams

Assumes source to film distance of: 105-115 cm for AP/PA; 100 cm SAD
 115-125 cm for Obliques; 100 cm SAD
 130-140 cm for Laterals; 100 cm SAD

Lung/Chest		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
AP/PA	Most	1+3	
OBLIQUE	Most	1+4	1+3

Pelvis		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
AP/PA	Most	1+3	
OBLIQUE	Most	1+4	1+3
LATERAL	Small	2+7	1+5
LATERAL	Most	2+8	1+6
LATERAL	Large	2+10	2+7

Breast		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
TANGENTS	Most	1+3	
TANGENTS	Single Exposure	4	

Head/Neck/Brain		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
AP/PA	Most	1+3	
LATERAL	Most	1+3	

Shoulder/Clavicle		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
AP/PA	Most	1+3	

Abdomen		EC-L REGULAR CASSETTE	EC-L FAST CASSETTE
	PATIENT PROFILE	MONITOR UNITS	MONITOR UNITS
AP/PA	Most	1+3	
OBLIQUE	Most	1+5	1+3
LATERAL	Most	2+8	1+6

Technique Tips:

- Generally, adjust the technique to darken or lighten films by adding or subtracting to the 2nd number (e.g., if an oblique pelvis is too light at 1+4, change technique to 1+5).
- Increasing the distance between patient and cassette will require more MUs (e.g., a lateral lung at an angle of 270° will require more MUs than an oblique lung (1+4) at 210°).
- Poor processing conditions affect image quality and decrease image contrast and density. Recommended replenishment rates for EC film: 100 ml of developer and 120 ml of fixer.
- The dimensions of the surrounding (i.e., open) field can affect image quality, darkening of the film and contrast. If the surrounding field is filmed with the collimator @ 30cm x 30cm or larger, you may need to reduce your 2nd exposure by 1MU.

For more information regarding other energy systems, call 1-877-297-5307 ext. 22 or www.kodak.com/go/oncology

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