

RADIOGRAPHIC QUALITY

Directions: For each technique change listed at the left, indicate the effect it will have upon each image quality across the top by placing a sign in the box that indicates this change. Assume that all factors are maintained equal except the listed change.

	DENSITY	CONTRAST	SHARPNESS/ DETAIL	DISTORTION	
				SIZE	SHAPE
↑ MA	increase	no change	no change	no change	no change
↑ Time	increase	no change	decrease	no change	no change
↑ kVp	increase	decrease	no change	no change	no change
↑ Filtration	decrease	decrease	no change	no change	no change
↑ Field Size	increase	decrease	no change	no change	no change
↑ Motion	no change	decrease	decrease	no change	no change
↑ Patient Size	decrease	decrease	decrease	increase	increase
↑ Grid Ratio	decrease	increase	no change	no change	no change
↑ Screen Speed	increase	increase	decrease	no change	no change
↑ Focal Spot Size	no change	no change	decrease	no change	no change
↑ SID	decrease	no change	increase	decrease	no change
↑ OID	decrease	increase	decrease	increase	no change
Misalign or Misangle Beam	no change	no change	no change	no change	increase
↑ Processor Time or Temp	increase	decrease	no change	no change	no change