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SPRING CLINICAL MEETING 2021









Tomosynthesis Imaging Parameters and Artifacts Clinical Applications Dosimetry Features of Available Systems QA/QC







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Comparison of Some Commercial Systems					
	AGFA 🧇	Carestream	Fujifilm Healthcare	×	() SHIMADZU
System Type	Multi-purpose Radiographic	Radiographic	Radiographic	Radiographic	Multi-purpose Radiographic
Sweep angle	15° 22° 30°	40°	$10^\circ - 60^\circ$	$20^{\circ} - 40^{\circ}$	MP: 8° 20° 30° 40° R: 20° 30° 40° 60°
Maximum Number of Projections	40	80	60	60	76
Binning	1 x 1 (148 um)	1 x 1 (139 µm) 2 x 2 (278 µm)*	N/A	1 x 1 (200 µm)	1 x 1 (139 µm) 2 x 2 (278 µm)
Reconstruction	Iterative	Feldkamp	N/A	FBP	Shift and Add FBP Iterative
* Selected on reconstruction, independent of acquisition					
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