

Supplemental Digital Table 1

The B QUIET (Brightness Mode Quality Ultrasound Imaging Examination Technique) Ultrasound Imaging and Video Evaluation Tool*

Component	Score			
	1	2	3	4
Identification/orientation				
1: Date/Time (machine automatic)	—	—	—	—
1.1: Patient name/medical record number/sonographer	All absent	1 present (1 accurate)	2 present (2 accurate)	All present (all accurate)
1.2: Body marker	Absent	Wrong marker, wrong probe position	Correct marker, wrong probe position	Correct marker, correct probe position
1.3: Comments (image title, labeled structures)	No comments	Title present, inaccurate/no labels	Image title, minimal labels (1-2 structures)	Image title, multiple labels (>2 structures)
Technical				
2.1: Resolution (application/focal zone)	Wrong application, wrong focal zone	Correct application, wrong focal zone	Wrong application, correct focal zone	Correct application, correct focal zone
2.2: Depth (field of view)	Image too small (< half of screen)	Image cut off or not maximized at present depth (> 4 cm from ideal depth)	Adequate depth (within 1-3 cm)	Optimal depth (intended image fills screen)
2.3: Gain (segmental, overall)	Inappropriate (excess white or dark throughout image)	Poor gain in near or far field	Adequate gain (minimal echoes in fluid filled structure All structures contrasted)	Optimal gain and grayscale (no internal echoes in vascular/fluid filled structures, appropriate tones of soft tissue)
Image anatomy				
3.1: Near field (top of screen)	Unclear presentation	Image partially distorted	Adequate visualized anatomy	Optimal near field anatomy presentation

3.2: Receding edge (right side)	Unclear presentation	Image partially distorted	Adequate visualized anatomy	Optimal receding field anatomy presentation
3.3: Far field (bottom of screen)	Unclear presentation	Image partially distorted	Adequate visualized anatomy	Optimal far field anatomy presentation
3.4: Leading edge (left side)	Unclear presentation	Image partially distorted	Adequate visualized anatomy	Optimal leading field anatomy presentation

*Originally published in Bahner DP, Adkins EJ, Nagel N, Way D, Werman HA, Royall NA. Brightness mode quality ultrasound imaging examination technique (B QUIET): Quantifying quality in ultrasound imaging. J Ultrasound Med. 2011; 30(12):1649-1655. Reproduced with permission from Journal of Ultrasound in Medicine.