

TABLE E-1 Interobserver Agreement According to Country of Origin						
Question	North America					
	2-D (N = 19)			3-D (N = 34)		
	κ	95% CI	Agreement	κ	95% CI	Agreement
Split humeral head	0.30	0.04, 0.55	Fair	0.36	0.23, 0.49	Fair
Displaced greater tuberosity	0.42	0.38, 0.46	Moderate	0.33	0.31, 0.35	Fair
Compromised arterial supply	0.26	0.15, 0.37	Fair	0.22	0.20, 0.23	Fair
Dislocated glenohumeral joint	0.17	-0.31, 0.66	Slight	0.08	-0.15, 0.32	Slight
AO classification	0.23	0.21, 0.25	Fair	0.18	0.17, 0.19	Slight
Preferred treatment	0.34	0.23, 0.45	Fair	0.28	0.21, 0.36	Fair

TABLE E-1 (continued)											
Europe						Other					
2-D (N = 13)			3-D (N = 15)			2-D (N = 14)			3-D (N = 12)		
κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement
0.42	0.09, 0.75	Moderate	0.31	0.14, 0.47	Fair	0.10	-0.08, 0.28	Slight	0.17	-0.02, 0.35	Slight
0.30	0.24, 0.36	Fair	0.24	0.16, 0.32	Fair	0.33	0.27, 0.39	Fair	0.17	0.05, 0.30	Slight
0.12	0.04, 0.20	Slight	0.25	0.20, 0.31	Fair	0.15	0.05, 0.25	Slight	0.18	0.09, 0.27	Slight
0.04	-0.60, 0.70	Slight	0.16	-0.15, 0.46	Slight	0.15	-0.13, 0.42	Slight	0.12	-0.11, 0.35	Slight
0.14	0.11, 0.16	Slight	0.14	0.12, 0.17	Slight	0.16	0.14, 0.18	Slight	0.15	0.12, 0.17	Slight
0.24	0.12, 0.37	Fair	0.25	0.15, 0.35	Fair	0.14	0.01, 0.28	Slight	0.10	-0.02, 0.23	Slight

TABLE E-2 Interobserver Agreement According to Years in Independent Practice						
Question	Years in Independent Practice					
	0-10					
	2-D (N = 16)			3-D (N = 29)		
	κ	95% CI	Agreement	κ	95% CI	Agreement
Split humeral head	0.31	0.08, 0.55	Fair	0.37	0.20, 0.54	Fair
Displaced greater tuberosity	0.36	0.31, 0.41	Fair	0.27	0.22, 0.31	Fair
Compromised arterial supply	0.22	0.09, 0.35	Fair	0.24	0.21, 0.27	Fair
Dislocated glenohumeral joint	0.17	-0.35, 0.69	Slight	0.09	-0.15, 0.33	Slight
AO classification	0.14	0.12, 0.16	Slight	0.17	0.16, 0.18	Slight
Preferred treatment	0.31	0.18, 0.44	Fair	0.31	0.21, 0.40	Fair

TABLE E-2 (continued)												
	Years in Independent Practice											
	11-20						>20					
	2-D (N = 17)			3-D (N = 19)			2-D (N = 13)			3-D (N = 13)		
	κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement
0.13	-0.06, 0.33	Slight	0.33	0.14, 0.53	Fair	0.36	0.01, 0.71	Fair	0.22	0.03, 0.42	Fair	
0.30	0.25, 0.35	Fair	0.31	0.26, 0.37	Fair	0.41	0.35, 0.47	Moderate	0.26	0.18, 0.34	Fair	
0.18	0.12, 0.24	Slight	0.19	0.14, 0.23	Slight	0.15	0.02, 0.27	Slight	0.21	0.14, 0.29	Fair	
0.08	-0.23, 0.38	Slight	0.10	-0.41, 0.60	Slight	0.10	-0.42, 0.61	Slight	0.06	-0.23, 0.35	Slight	
0.20	0.19, 0.22	Slight	0.19	0.17, 0.21	Slight	0.18	0.15, 0.21	Slight	0.15	0.13, 0.18	Slight	
0.16	0.05, 0.27	Slight	0.23	0.13, 0.33	Fair	0.28	0.16, 0.40	Fair	0.10	-0.04, 0.24	Slight	

TABLE E-3 Interobserver Agreement According to Specialization						
Question	Orthopaedic Traumatology					
	2-D (N = 22)			3-D (N = 25)		
	κ	95% CI	Agreement	κ	95% CI	Agreement
Split humeral head	0.37	0.09, 0.64	Fair	0.28	0.13, 0.43	Fair
Displaced greater tuberosity	0.39	0.35, 0.42	Fair	0.27	0.22, 0.33	Fair
Compromised arterial supply	0.17	0.11, 0.24	Slight	0.25	0.22, 0.29	Fair
Dislocated glenohumeral joint	0.12	-0.23, 0.46	Slight	0.10	-0.14, 0.35	Slight
AO classification	0.20	0.18, 0.21	Slight	0.16	0.15, 0.18	Slight
Preferred treatment	0.23	0.14, 0.33	Fair	0.23	0.13, 0.33	Fair

TABLE E-3 (continued)											
Shoulder and Elbow						Other					
2-D (N = 14)			3-D (N = 12)			2-D (N = 10)			3-D (N = 24)		
κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement	κ	95% CI	Agreement
0.31	-0.02, 0.64	Fair	0.43	0.03, 0.76	Fair	0.13	-0.01, 0.26	Slight	0.32	0.16, 0.48	Fair
0.43	0.35, 0.50	Moderate	0.43	0.36, 0.49	Moderate	0.20	0.11, 0.30	Slight	0.25	0.20, 0.29	Fair
0.23	0.06, 0.41	Fair	0.22	0.10, 0.35	Fair	0.18	0.08, 0.27	Slight	0.19	0.14, 0.23	Slight
0.15	-0.46, 0.76	Slight	0.01	-0.69, 0.71	Slight	0.04	-0.32, 0.41	Slight	0.07	-0.20, 0.34	Slight
0.24	0.21, 0.27	Fair	0.18	0.15, 0.21	Slight	0.09	0.06, 0.12	Slight	0.17	0.15, 0.18	Slight
0.35	0.21, 0.48	Fair	0.28	0.12, 0.44	Fair	0.18	0.03, 0.33	Slight	0.22	0.13, 0.31	Fair