



Fig. E-1
Concentric versus eccentric glenosphere designs showing that the eccentric glenosphere has an additional 4 mm of inferior positioning achieved by an off-center attachment in the glenosphere.

TABLE E-1 Published Notching Rates for Reverse Shoulder Arthroplasty

Study	Year	Prosthesis*	No. of Patients	Mean Follow-up Period (mo)	Notching Rate
Valenti et al. ¹	2001	Delta III	22	84	86%
Sirveaux et al. ²	2004	Delta III	80	45	64%
Werner et al. ³	2005	Delta III	58	38	96%
Seebauer ⁴	2006	Delta III	56	39	94%
Boileau et al. ⁵	2005	Delta III	45	40	68%
Simovitch et al. ⁶	2007	Delta III	77	44	44%
Wall et al. ⁷	2007	Delta/Aequalis	152	40	51%
Lévigne et al. ⁸	2008	Delta/Aequalis	326	47	62%
Wierks et al. ⁹	2009	Delta/Aequalis	20	9	55%
Lévigne et al. ¹⁰	2011	Delta/Aequalis	448	51	68%
Favard et al. ¹¹	2011	Delta/Aequalis	40	>108	90%
Boileau et al. ¹²	2011	Aequalis†	42	28	19%
Mizuno et al. ¹³	2012	Aequalis‡	47	30	40%
Edwards et al. ¹⁴	2012	Aequalis	42	21	81%
Walch et al. ¹⁵	2012	Aequalis	198	36	51%
Bufquin et al. ¹⁶	2007	SMR	43	22	25%
Young et al. ¹⁷	2009	SMR	49	33	28%
De Biase et al. ¹⁸	2012	SMR‡	25	27	0%
Frankle et al. ¹⁹	2005	RSP§	60	33	0%
Cuff et al. ²⁰	2008	RSP§	96	28	0%
Mulieri et al. ²¹	2010	RSP§	52	52	13%
Cuff et al. ²²	2012	RSP§	76	62	9%
Roche et al. ²³	2013	Equinoxe§	151	28	13%
Valenti et al. ²⁴	2011	Arrow§	76	44	0%

*Delta III was manufactured by DePuy France (Saint Priest CEDEX, France); Aequalis System, by Tornier (Edina, Minnesota); SMR, by Lima Corporate (San Daniele del Friuli, Italy); RSP (Reverse Shoulder Prosthesis), by Encore Medical (Austin, Texas); Equinoxe, by Exactech; and Arrow Anatomical Shoulder System, by Fournitures Hospitalières Industrie (Mulhouse, France). †Osseous increased-offset reverse shoulder arthroplasty. ‡Eccentric glenosphere used. §Prostheses incorporated increased lateral offset.