

Table E1: Summary of clinical results of impaction-grafted acetabular components

Author	Year	Prosthesis	No. (hips)	Follow-up Average (years)	Follow-up Range (years)	Results Survival %	Complications
Boldt et al.	2001	Cemented cup	173	4.3	8.1 max	97.2% (4.3 years)	2.9% revision (3 septic loosening, 1 aseptic loosening, 1 periprosthetic fract.)
De Roeck et al.	2001	Cemented cup	32	4	3-5	91% (4 years)	3 aseptic loosening
Welten and Scheurs	2000	Cemented cup	58	12.3	10-17	94% (10-17 years)	4 failures (3 aseptic loosening, 1 septic loosening), 3 radiographic loosening
Pitto et al.	1998	Cemented cup + reinforcement ring (Ganz/Burch-Schneider)	81	6.5	3-9	99% (6.5 years)	1 recurrent dislocation

Table E2: Summary of clinical results for impaction-grafted femoral components of THR

Author	Year	Prosthesis	No. (hips)	Follow-up Average (years)	Follow-up Range (years)	Results survival %	Complications
Gie	1993	Exeter	56	2.5	1.5-4.1	91	3.6% periprosthetic fract., 5% dislocation
Elting	1995	Zimmer CPT	67	2.6	2-5.3	93	4.5% periprosthetic fract., 6% aseptic loosening
Meding	1997	Zimmer CPT	34	2.5	2-3.5	76	11.8% intraop. fract., 6% periprosthetic fract.
Masterson	1997	Exeter	35	0.5	N/A	100	5.7% periprosthetic fract., 5.7% dislocation
Leopold	1999	Harris Precoat	29	5.25	4-6.8	92	21% periprosthetic fract.
Huitmalk	2000	Charnley/Spectron	109	8.7	0.5-14.5	95.5	12% re-revision, 5.5% intraop. fract., 2.8% gt trochanter fract., 12.7% dislocation, 1.8% deep infection
Pekkarinen	2000	Exeter/Bimetric	68	3	0.1-6	81	13% periprosthetic fract., 11.8% gt trochanter fract.
Knight	2000	Zimmer CPT	31	2.6	1-4	87	16% periprosthetic fract., 4% massive subsidence
Van Biezen	2000	Exeter	21	5	3.4-7.1	100	19% massive subsidence
Boldt	2001	Charnley Elite	79	4	7.6 max	94.9	5.1% re-revision, 3.8% septic loosening, 1% periprosthetic fract.
Fetzer	2001	Various	26	6	4-8	100	11.5% periprosthetic fract., 15.4% heterotopic ossification
Ornstein	2002	Exeter	108	1	1	84	27% intraop. fract., 15% periprosthetic fract., 3% revision
Lind	2002	Exeter	87	3.6	2-7	96.5	2% periprosthetic fract., 6% dislocation, 1% deep infection
Piccaluga	2002	Charnley	58	4.8	2-12	96.5	1.7% intraop. fract., 5% dislocation, 3.5% symptomatic subsidence
Ullmark	2002	Lubinus/Charnley	57	5.3	3.9-7	96	7% periprosthetic fract., 2% dislocation
Gore	2002	Zimmer CPT	26			96	3.8% intraop. fract., 11.5% periprosthetic fract., 3.8% dislocation
van Doorn	2002	Exeter/Charnley Elite	24			1 year subsidence, 1.3 mm for Exeter and 0.7 mm for Charnley	
Eldridge			79				11% massive subsidence