

TABLE E-1 Data on the Patients Managed with Total Knee Arthroplasty Before the Age of Twenty Years

Case	Age at Surgery (yr)	Height (cm)	Weight (kg)	Arc of Motion (Preop./Postop.) (deg)	Duration of Follow-up (yr)	Knee Society Function Score (Preop./Postop.) (points)	Knee Society Pain Score (Preop./Postop.) (points)	Previous Operations	Revision/ Reoperation	Complications/ Remarks
1R	18	118	42	70/80	19	20/30	20/95	—	—	
1L	18	118	42	90/95	19	15/20	18/90	Synovectomy	Open lysis of adhesion	
2L	17	124	60	75/90	20	10/30	20/94	Synovectomy	—	Died age 38
2R	17	124	60	80/90	20	30/35	35/90	Synovectomy	—	
3R	17	139	52	70/90	11	5/30	24/86	—	Revision for aseptic loosening	
3L	17	142	54	70/85	11	5/35	30/80	—	—	
4R	14	112	47	90/80	10	10/25	35/92	—	Extensor realignment	
4L	14	112	47	80/90	10	30/60	40/96	—	—	
5L	19	145	51	70/70	20	20/35	20/95	—	—	Died age 40
5R	19	145	51	80/90	20	15/70	10/90	—	—	
6R	19	132	54	70/90	13	15/60	30/95	Synovectomy	Exchange of polyethylene liner at 13 yrs	
6L	19	132	54	80/85	13	20/45	60/100	Synovectomy	Exchange of polyethylene liner at 13 yrs	
7	18	142	56	65/80	10	25/35	30/60	Arthroscopy	—	Anterior knee pain
8L	16	172	79	80/70	6	30/50	22/64	Arthroscopy	Manipulation	
8R	16	173	79	80/90	6	20/50	35/55	—	Manipulation	
9R	19	158	52	60/70	9	20/30	30/80	Lateral retinacular release	—	Anterior knee pain
9L	19	165	66	30/60	9	10/35	62/90	—	—	
10L	13	136	53	0/40	5	0/10	20/96	Distraction arthroplasty	—	Bilateral ankylosis
10R	14	136	54	0/35	6	5/10	30/94	Distraction arthroplasty	—	Bilateral ankylosis
11R	17	123	34	65/80	6	10/60	30/90	Arthroscopy	—	
11L	17	123	34	65/70	6	10/20	20/90	—	—	
12R	15	130	53	100/105	4	10/60	10/100	Arthroscopy	—	Returned to school
12L	15	130	53	105/120	4	10/50	4/100	Synovectomy	—	Returned to school
13L	18	142	60	85/90	5	5/85	16/90	Synovectomy	—	Returned to work
13R	19	152	61	85/90	5	20/10	40/96	—	—	Awaiting revision