

TABLE E-1 Adapted Dindo-Clavien Complication Classification^{13,14}

Grade	Definition	Specific Complications
I	A complication that requires no treatment and has no clinical relevance; there is no deviation from routine follow-up during the postoperative period. Allowed therapeutic regimens include antiemetics, antipyretics, analgesics, diuretics, electrolytes, antibiotics, and physiotherapy	Asymptomatic Grade-I or II heterotopic ossification
		Postoperative fever, nausea, constipation, minor urinary tract infection
		Wound problem not requiring a change in postoperative care
II	A deviation from the normal postoperative course (including unplanned clinic visits) that requires outpatient treatment, either pharmacologic or close monitoring as an outpatient	Superficial wound infection requiring additional clinic visits
		Transient neurapraxia from positioning or surgical retraction that resolves under close observation
		Nerve palsy requiring bracing and close observation that resolves completely
		Trochanteric delayed union
III	A complication that is treatable but requires surgical, endoscopic, or radiologic interventions or an unplanned hospital admission	Trochanteric nonunion
		Fracture
		Deep infection
		Surgical hematoma
		Clinically relevant heterotopic ossification that requires surgical excision
		Deep vein thrombosis that requires hospital admission and anticoagulation
IV	A complication that is life-threatening, requires admission to the intensive care unit, or is not treatable, with a potential for permanent disability. A complication requiring organ resection (total hip arthroplasty)	Osteonecrosis
		Permanent nerve injury
		Major vascular injury
		Pulmonary embolus
		Central nervous system complication
V	Death	

TABLE E-2 Summary of Complications at Single Institutions

Study	Hips/Patients	Female:Male	Mean Duration of Follow-up (Range)	Diagnosis*	Reported Complications
Beck et al. ²	19/19	5:14	56.4 mo (50.4-62.4)	Acetabular retroversion: 19 (100%)	Osteonecrosis: 0 (0%)
					Total: 0 (0%)
Espinosa et al. ¹⁸	60/52	19:33	24 mo (range not provided)	FAI: 60 (100%)	Total: 0 (0%)
Peters and Erickson ³	30/29	13:16	32.4 mo (range not provided)	FAI (cam): 14 (47%)	Osteonecrosis: 0 (0%)
				FAI (pincer): 1 (3%)	Failure of trochanteric fixation: 0 (0%)
				FAI (combined): 15 (50%)	Total: 0 (0%)
Beaulé et al. ¹⁷	37/34	16:18	37.2 mo (25.2-60)	FAI (cam): 37 (100%)	Loss of trochanteric fixation: 1 (3%)
					Heterotopic ossification (Brooker Grade IV): 1 (3%)
					Symptomatic hardware: 9 (24%)
					Total: 11 (30%)
Ganz et al. ¹	213/213	109:104	Mean not provided (24-84 mo)	FAI: 179 (84%)	Partial neurapraxia (resolved): 2 (1%)
				Legg-Calvé-Perthes disease: 24 (11%)	Trochanteric nonunion: 3 (1.5%)
				Other: 10 (5%)	Heterotopic ossification: 79 (37%)

*FAI = femoroacetabular impingement.

TABLE E-3 Overview of Complications in the Present Series

Case	Diagnosis*	Sex	Labral Repair	Screw Size (mm)	No. of Screws	Duration of Follow-up (mo)	Date of Surgery	Complications†	Complication Grade
1	FAI	F	N	3.5	3	36	2005	Grade-II HO	I
2	FAI	M	N	4.5	2	60	2005	Grade-I HO	I
3	FAI	M	Y	3.5	3	51	2005	Grade-I HO	I
4	FAI	M	Y	3.5	3	49	2005	Grade-I HO	I
5	FAI	M	N	4.5	2	48	2006	Grade-II HO	I
6	FAI	M	Y	4.5	2	24	2006	Grade-I HO	I
7	FAI	M	Y	4.5	2	25	2006	Grade-I HO	I
8	FAI	F	Y	3.5	3	36	2006	Grade-I HO	I
9	FAI	M	Y	3.5	3	29	2006	Grade-II HO	I
10	FAI	M	Y	3.5	3	48	2006	Grade-I HO	I
11	FAI	M	Y	3.5	3	47	2006	Grade-I HO	I
12	FAI	M	Y	3.5	3	39	2006	Grade-I HO	I
13	FAI	M	N	4.5	2	24	2007	Grade-I HO	I
14	FAI	M	Y	3.5	3	34	2007	Grade-I HO	I
15	FAI	M	Y	3.5	3	42	2006	(1) Grade-I HO, (2) trochanteric delayed union (>3 mo)	I, II
16	FAI	M	N	4.5	3	14	2005	Superficial wound infection	II
17	SCFE	F	Y	4.5	3	34	2005	Superficial wound infection	II
18	Perthes	F	Y	3.5	2	12	2006	Nerve injury (partial, transient)	II
19	FAI	F	N	4.5	2	40	2006	Trochanteric fracture	II
20	FAI	M	Y	4.5	3	34	2007	Trochanteric delayed union (>3 mo)	II
21	FAI	M	Y	3.5	3	37	2006	(1) Grade-II HO, (2) calf DVT	I, III
22	FAI	F	N	3.5	3	59	2006	(1) Grade-I HO, (2) deep wound infection	I, III
23	FAI	F	N	4.5	2	36	2007	(1) Grade-I HO, (2) calf DVT	I, III
24	FAI	M	Y	3.5	2	39	2005	Trochanteric nonunion	III
25	FAI	M	Y	3.5	2	38	2005	Trochanteric nonunion	III
26	FAI	M	N	4.5	3	50	2005	Trochanteric nonunion	III
27	FAI	F	Y	3.5	3	40	2006	Trochanteric nonunion	III
28	SCFE	F	N	4.5	3	28	2006	Trochanteric nonunion	III
29	Perthes	M	N	4.5	2	35	2007	Trochanteric nonunion	III
30	FAI	M	N	4.5	2	44	2006	Partial nerve damage	IV

*FAI = femoroacetabular impingement, SCFE = slipped capital femoral epiphysis, and Perthes = Legg-Calvé-Perthes disease. †HO = heterotopic ossification. The grade of the heterotopic ossification is according to the Brooker system. DVT = deep venous thrombosis.