

Electronic Appendix:

Table E-1

Case	Prior Procedure
7	ORIF of hip fracture, valgus femoral osteotomy
8	Internal fixation of slipped capital femoral epiphysis, femoral rotational osteotomy
15	Pemberton osteotomy, varus femoral osteotomy, then periacetabular osteotomy
18	Open reduction with adductor tenotomy
28	Hip arthroscopy
29	2 hip arthroscopy procedures

Table E-2  
Outerbridge Classification

<b>Grade</b>	<b>Description</b>
0	Normal cartilage
I	Softening and swelling of the articular cartilage
II	Fissuring and fragmentation < 10 millimeters
III	Fissuring and fragmentation > 10 millimeters
IV	Erosive changes and exposure of subchondral bone (delaminations)

Table E-3

Patient (Hip)	Pincer and/or Cam Impingement	Labral Lesion	Labral Treatment	Outerbridge Classification	Acetabular articular cartilage treatment	Femoral Treatment	Additional Surgery	Preoperative Tönnis Grade	Final follow-up Tönnis Grade
1 (1)	pincer and cam			IV	delamination resected, microfracture	head-neck junction chondro-osseous débridement		I	I
2 (2)	pincer and cam			IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement	total hip arthroplasty	0	I
3 (3)	pincer and cam	labral tear	labral tear débrided	II	limited cartilage débridement	head-neck junction chondro-osseous débridement		0	0
4 (4)	pincer and cam	labral tear	labral tear débrided	0	no treatment	head-neck junction chondro-osseous débridement		I	II
5 (5)	pincer and cam	labral tear	labral tear débrided	III	no treatment	head-neck junction chondro-osseous débridement		0	0
6 (6)	cam			IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement	total hip arthroplasty	II	III
7 (7)	cam	labral tear & degeneration	none	I	no treatment	head-neck junction chondro-osseous débridement		0	0
8 (8)	cam			I	no treatment	head-neck junction chondro-osseous débridement		I	I
9 (9)	cam	labral tear	labral repair	IV	delamination and bone resected with labral advancement	head-neck junction chondro-osseous débridement	periacetabular osteotomy	0	I
10 (10)	pincer and cam	labral degeneration	labral repair	IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement	will need total hip arthroplasty	I	III
11 (11)	cam	labral tear	none	I	no treatment	head-neck junction chondro-osseous débridement		0	0
12 (12)	pincer	labral degeneration	labral degeneration débrided	IV	limited cartilage débridement	head-neck junction chondro-osseous débridement		0	0
13 (13)	pincer and cam	labral tear	labral tear débrided	IV	delamination resected, no bone treatment	same, with relative femoral neck lengthening		0	0
14 (14)	cam	labral detachment	labral repair	IV	no treatment	head-neck junction chondro-osseous débridement		0	I
15 (15)	cam	redundant labrum	labrum débrided	IV	no treatment	same, with relative femoral neck lengthening		II	II
16 (16)	cam	labral tear	labral repair	IV	delamination and bone resected with labral advancement	head-neck junction chondro-osseous débridement		0	0
17 (17)	cam			IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement		I	I
18 (18)	cam	labral tear	none	III	no treatment	same, with relative femoral neck lengthening		0	0
19 (19)	pincer and cam			0	no treatment	same, with relative femoral neck lengthening		0	I
20* (20)	pincer and cam			I	limited cartilage débridement, calcified labrum removed	head-neck junction chondro-osseous débridement		I	I
21 (21)	cam			IV	delamination resected, microfracture	head-neck junction chondro-osseous débridement		0	I
22 (22)	pincer and cam	labral tear & degeneration	labral repair	II	no treatment	head-neck junction chondro-osseous débridement		0	0
23 (23)	pincer and cam	labral degeneration	labral degeneration débrided	I	no treatment	head-neck junction chondro-osseous débridement		0	0
24 (24)	cam			IV	delamination and bone resected with labral advancement	same, with relative femoral neck lengthening	periacetabular osteotomy	0	I
25 (25)	cam			IV	delamination and bone resected with labral advancement	head-neck junction chondro-osseous débridement		I	I
26 (26)	cam	labral detachment (9-3 o'clock)	none	IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement	total hip arthroplasty	I	II
27 (27)	pincer and cam			IV	delamination resected, no bone treatment	head-neck junction chondro-osseous débridement		I	I
20* (28)	pincer and cam			I	limited cartilage débridement, calcified labrum removed	head-neck junction chondro-osseous débridement		I	I
28 (29)	pincer and cam			IV	delamination resected, microfracture	head-neck junction chondro-osseous débridement		I	I
29 (30)	pincer and cam	no labrum present		IV	limited cartilage débridement	head-neck junction chondro-osseous débridement		I	I

\* same patient