

TABLE I Study Population: Clinical and Radiographic Data															
Pre Op Classification	Case	Sex	Prior Treatment	Op Associated with Dega	Osteotomy	Age at Surgery (years)	Age at Follow-up (years)	Follow-up Time (months)	Acet Index Pre Op	Acet Index Post Op	CE Angle Pre Op	CE Angle Post Op	Obdurator Change	Shenton's Line Pre Op/Post Op	Complications
Dislocation	1	F	None	Open reduction, Femoral varus rotation	4.3	8.9	28	30	20	<-30	26	no	B/I		
	2	F	None	Open reduction, Femoral shortening rotation	5.1	10.7	63	45	8	<-30	18	yes	B/I		
	3	F	None	Open reduction, Femoral shortening rotation	1.9	8.0	67	28	18	<-30	32	no	B/I		
	4	M	None	Open reduction, Femoral shortening rotation	2.0	8.4	72	46	7	<-30	40	no	B/I		
	5	F	None	Open reduction, Femoral shortening rotation	2.4	5.8	42	31	9	<-30	38	no	B/I		
	6	F	None	Open reduction, Femoral shortening rotation	6.9	9.4	30	30	6	<-30	38	yes	B/I		
	7	F	None	Open reduction, Femoral shortening	4.5	9.4	59	42	11	<-30	33	no	B/I		
				Average	3.9	8.7	52	36	11		32				
Dysplasia	8	M	None	Femoral varus rotation	15.8	22.7	78	*45	*37	11	33	yes	I/I		
	9	F	Closed reduction	None	6.4	13.3	79	24	6	15	32	yes	I/I		
	10	F	Closed reduction	None	9.8	14.3	49	20	*44	17	21	yes	I/I		
	11	F	Open reduction, Femoral shortening	Femoral varus rotation	3.9	9.9	67	37	9	12	28	yes	I/I	Valgus overgrowth	
	12	F	Closed reduction	Femoral shortening rotation	4.3	10.9	74	32	11	13	30	yes	B/I	Early loss femoral fixation, late acetabular dysplasia, femoral valgus and overgrowth	
	13	F	Closed reduction	Femoral varus	4.8	7.8	36	32	13	6	28	no	B/I		
	14	F	Closed reduction	Femoral varus rotation	4.9	12.3	91	21	13	9	29	yes	I/I		
	15	F	Closed reduction	None	3.5	6.1	31	32	10	10	37	no	B/I		
Subluxation	16	F	None	Femoral varus rotation	5.7	8.4	32	32	11	14	30	no	I/I		
				None	5.8	8.4	31	30	10	13	34	no	I/I		
				Average	6.2	10.9	54	29	11	12	31				
	17	F	None	Open reduction, Femoral varus rotation	13.9	20.2	70	42	*38	18	38	yes	B/I		
	18	F	Open reduction, Pemberton osteotomy	Open reduction, Femoral rotation	5.1	11.9	77	37	7	9	26	yes	B/I		
	19	F	None	Open reduction, Femoral shortening rotation	5.5	12.1	74	41	12	-4	28	yes	B/I	Poor coverage	
	20	M	Closed reduction	Open reduction, Femoral shortening rotation	3.2	9.0	65	42	23	-23	32	yes	B/I	Excessive external rotation of femur	
	21	F	None	Open reduction, Femoral varus rotation	11.3	14.7	41	26	14	9	31	yes	B/I		
22				Open reduction, Femoral rotation	5.7	9.4	44	26	19	0	30	yes	B/I		
				Average	7.5	12.9	62	36	15	2	31				
				Combined Average	5.8	10.8	55	33	12	**8	31			(B=broken)	
				Combined S.D.	3.5	4.1	20	7	4	5	4			(I=intact)	

* = Sharp's angle, ** = excludes <-30 values