

Table(1) Comparison between septic arthritis & Transient synovitis in hip joints according to age and sex:

Variable	Septic arthritis N=16	Transient Synovitis N=9	P value
Age/year			
Mean (SD)	7.02 (1.57)	2.5 (0.22)	0.08
Median (range)	6.5 (0.1-12)	1.23 (0.5)	
Sex			
Females	6 (37.5%)	6 (66.67%)	0.17
Males	10 (62.5%)	3 (33.33%)	

Table(2) Comparison between septic arthritis & Transient synovitis in hip joints according to clinical picture

Variable	Septic arthritis N=16	Non septic joints (TS) N=9	P value
Pain			
No	0	0	1.00
Yes	16 (100%)	6 (100%)	
Presence of swelling			
No	16 (100%)	6 (100%)	0.06
Yes	0	0	
Hotness&redness			
No	6 (42.86%)	6 (100%)	0.02
Yes	10 (57.14%)	0	
Limited movement			
No	0	0	1.00
Yes	16 (100%)	9 (100%)	

Table(3) and figure (4): Comparison between septic arthritis & transient synovitis in hip joints according to MRI findings

Variable	Septic arthritis N=16	Transient synovitis N=9	P value
Presence of effusion	16 (100%)	9 (100%)	1.00
Synovial thickening			
No	4 (25%)	9(100%)	<0.05
Yes	12 (75%)	0	
Bone marrow edema			
No	0	9 (100%)	<0.05
Yes	16(100%)	0	
Soft Tissue edema			
No	7 (43.75%)	9(100%)	0.02
Yes	8 (56.25%)	0	
Post contrast synovial enhancement			
No	0	9(100%)	<0.05
Yes	16 (100%)	0	