

# PAEDIATRIC HIP ULTRASOUND

Name: .....

Sonographer: .....

Relevant clinical history:.....  
 .....  
 .....

**Right Hip**

Angles: Alpha = ..... Beta = .....

Bony Coverage.....%

Type: .....

Acetabular Rounding: Yes / No

Ossification Centre: Yes / No

Dynamic Study:  Stable  
 Laxity  
 Dislocatable  
 Dislocated

**Left Hip**

Angles: Alpha = ..... Beta = .....

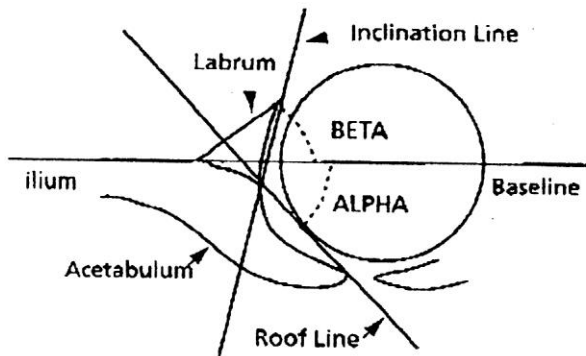
Bony Coverage.....%

Type: .....

Acetabular Rounding: Yes / No

Ossification Centre: Yes / No

Dynamic Study:  Stable  
 Laxity  
 Dislocatable  
 Dislocated



Additional Comments: .....  
 .....  
 .....  
 .....  
 .....  
 .....

**Sonographic Classification of Hip Displasia (Graf)**

TYPE	$\alpha$ Angle	$\beta$ Angle	Comments
I	$\geq 60^\circ$	---	Normal
IIA	50 - 59°	---	Physiological immaturity: < 3 months old
IIB	50 - 59°	---	Delayed ossification: > 3 months old
IIC	43 - 49°	< 77°	Critical zone: Labrum not everted ( $\beta < 77^\circ$ )
IID	43 - 49°	> 77°	Subluxed: Labrum not everted
III	< 43°	> 77°	Dislocated
IV	< 43°	> 77°	Dislocated with labrum interposed between femoral head and acetabulum

**Bony coverage (Harke)**

- < 33% Abnormal coverage
- 33% - 58% Borderline coverage
- > 58% Normal coverage