

Appendix-I
Data Collection Sheet

Title: Role of Color Doppler Ultrasound in Evaluation of Testicular Mass

1. Case no.

Date:

2. Reg. no.

3. Particulars of the patients:

Name:

Age: years Marital status : 1= Married 2= Unmarried

Present address:

Contact no:

Occupation :

4. Clinical Presentation:

i) Pain	<input type="text"/>	1. Yes	2. No
ii) Testicular swelling	<input type="text"/>	1. Yes	2. No
iii) Fever	<input type="text"/>	1. Yes	2. No
iv) H/O trauma	<input type="text"/>	1. Yes	2. No
v) History of previous surgery	<input type="text"/>	1. Yes	2. No

5. Physical examination:

i) Pulse	<input type="text"/>	1. Normal	2. Raised
ii) Temperature	<input type="text"/>	1. Normal	2. Raised
iii) Tenderness	<input type="text"/>	1. Yes	2. No

6. Gray scale features of the lesion:

i. Site of the lesion	<input type="text"/>	1. Testicular	2. Extra-testicular
ii. Type of lesion	<input type="text"/>	1. Focal	2. Diffuse

iii. Echogenecity of the lesion

1. Normal echotexture
2. Homogeneously hypoechoic
3. Mixed echogenic heterogeneous
4. Hyperechoic

iv. Margin of lesion

1. Well defined
2. Poorly defined

7. CDUS features of the lesion:

i. Grades of vascularity

1. Grade 0
2. Grade 1
3. Grade 2
4. Grade 3

ii. Pattern of vascularity

1. Regular (branching linear)
2. Non-branching linear
3. Scattered / random

iii. PSV (Peak systolic velocity)

1. Normal
2. Increased
3. Decreased

iv. EDV (End diastolic velocity)

1. Normal
2. Increased
3. Decreased

v. RI (Resistivity Index)

1. Normal
2. Increased
3. Decreased

8. Color Doppler Ultrasound diagnosis

1. Benign
2. Malignant

9. Histopathological diagnosis

1. Benign
2. Malignant

10. Final clinical diagnosis

Signature of the investigator

Date: