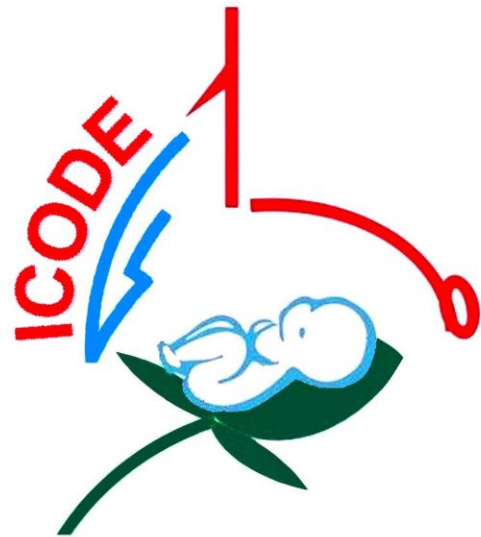


TILTING ERRORS



Tilting errors -types

1. Antero-posterior

2. Postero-
anterior

3. Cranio- caudal

4. Caudo- cranial



Tilting errors -types

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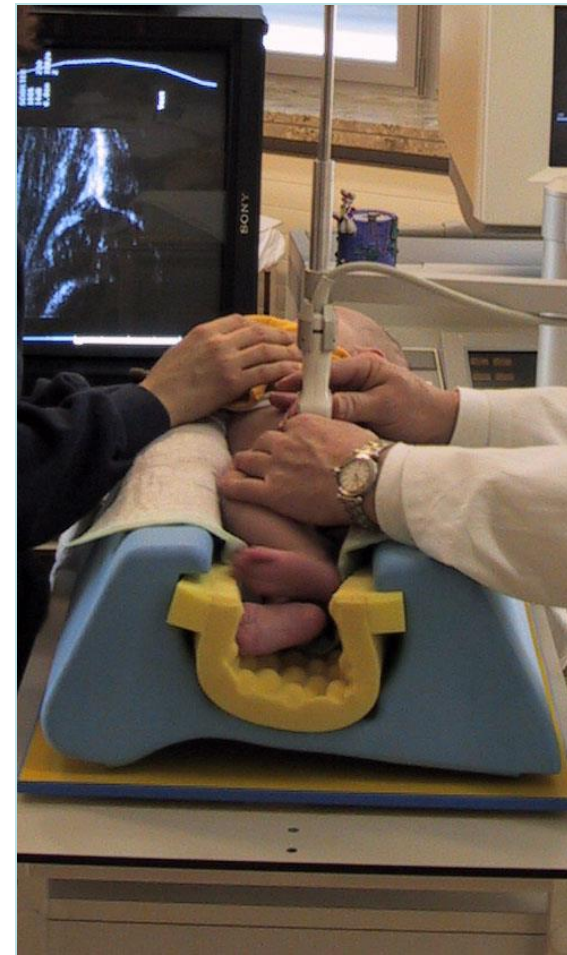
3. Cranio- caudal

4. **Cau-do- cranial**



Tilting Errors – Prevent

- Do not tilt a **linear** transducer
 - Use cradle and probe guide
- **Do not** use a sector scanner



Tilting errors -types

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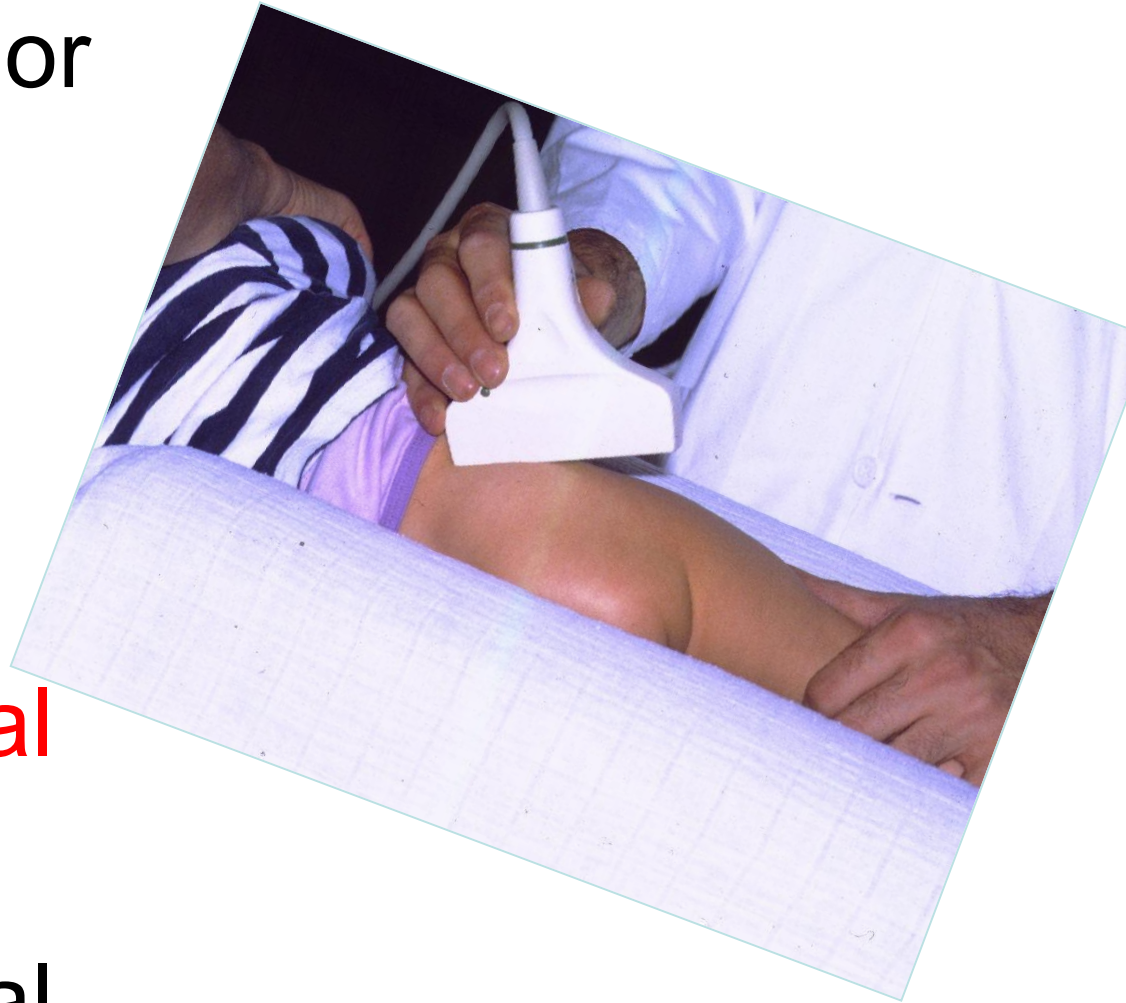
Tilting errors -types

1. Antero-posterior

2. Postero-
anterior

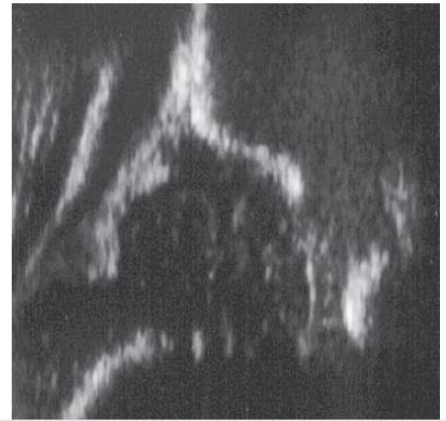
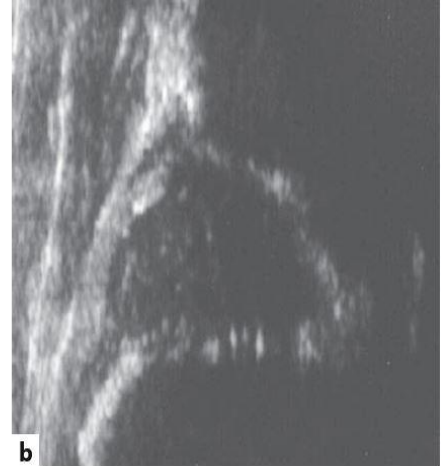
3. Cranio- caudal

4. Caudo- cranial



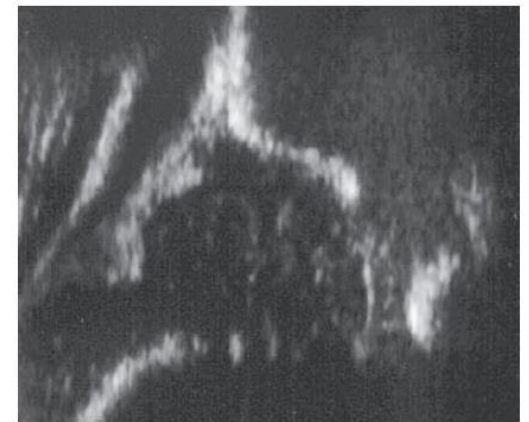
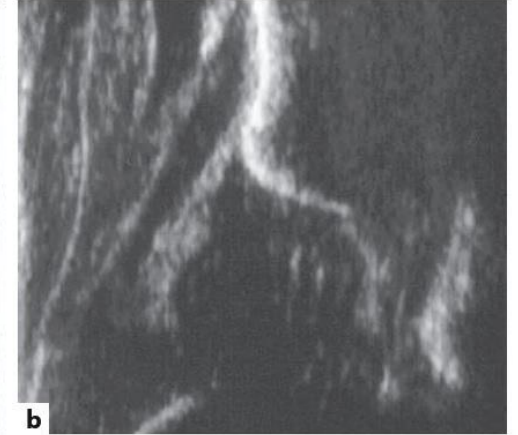
Antero posterior

- Ilium wide and indistinct
- Fading echo of lower limb



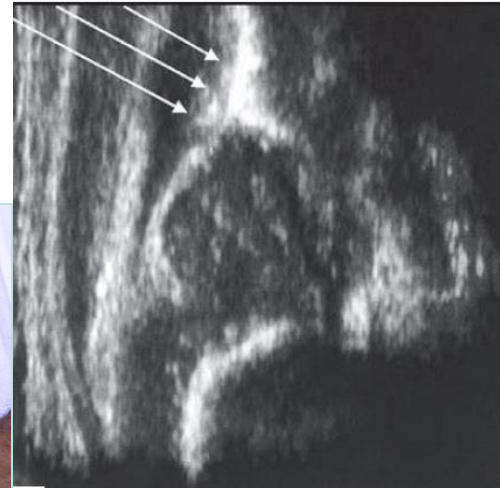
Postero - anterior

1. Gives appearance of posterior sectional scan
2. Beaking - which does not improve with corrective rotation



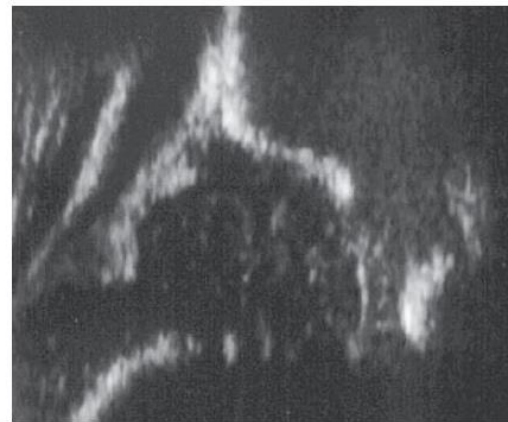
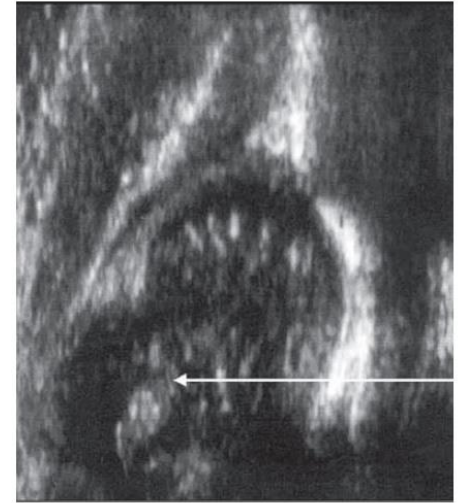
Cranio - caudal

- Lower limb of Os ilium not visualised

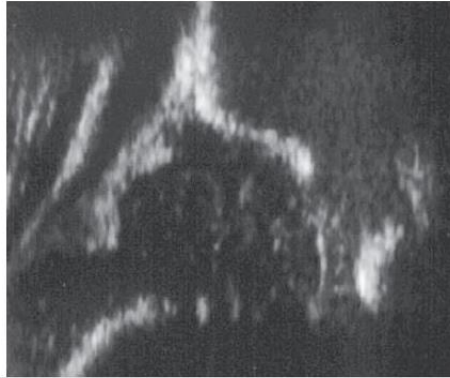


Caudo - cranial

- Chondro osseous border not visualised



Tilting error

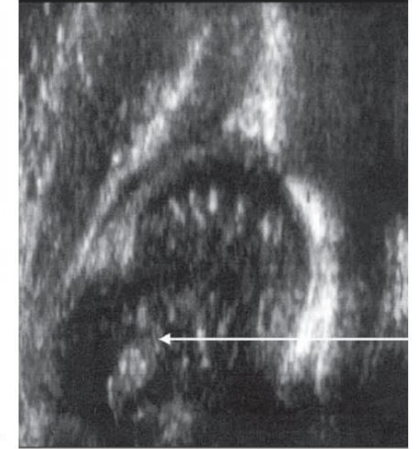
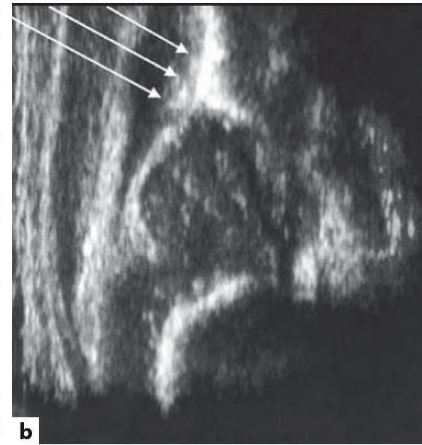
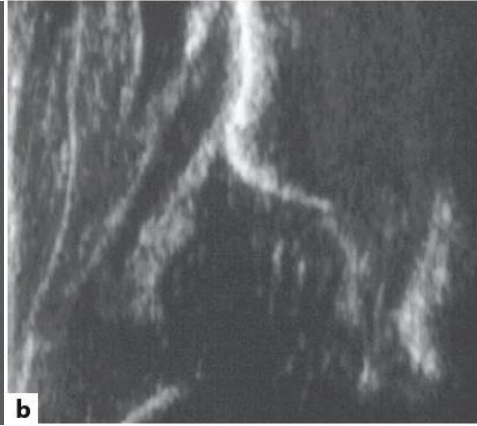
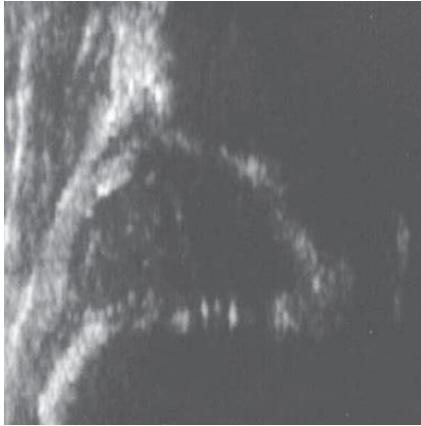


Antero posterior

Postero anterior

Cranio caudal

Caudo cranial



Tilting errors - Summary

Prevent

Use cradle and **linear** probe

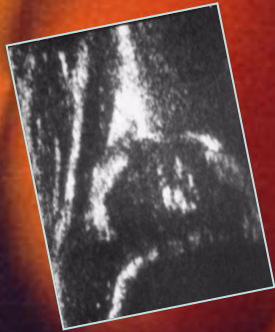
Recognise

Do not accept images without chondro osseous border

Remember

Tilt can make a good hip look bad but cannot make a bad hip look good





Thank you!

Tilting errors

