



Post Fetal Cardiology training update

Evaluation of Fetal Training - summary

- 241 staff identified in Y&H undertaking Fetal cardiac scanning
- 227 (94%) attended half day theory session in Oct/Nov 2010
- 233 (96.7%) accessed and 202 (83.8%) completed FASP online training package

Evaluation of Fetal Training - summary

- 14 practical sessions (2x half day, 12x full day) + 2x mop up session-
 - Dr Shuba Barwick (Consultant Fetal Cardiologist) & Gill Wharton (Consultant Sonographer)
- 209/241 (86.7%) sonographers attended a practical session (March- Jun 2011)
- Evaluation for online resource/lecture based sessions/ hands on practical training mean 4.6/5
 - Evaluation overall after mop up session mean 4.6/5

Ongoing training sessions

Proposal

- One half day per year practical hands on training
 - For sonographers who have not previously attended
 - New starters
 - Echo machine support from GE
 - Lecture sessions half day tagged on in house if required
 - Sessions delivered Oct 2011 and Oct 2012

Referral patterns following training

- Case note audit
- Sept 2010 and 2011 (pre and post training)
- All cases referred for suspected abnormality
- Numbers
- Accuracy and quality of referrals

Results 1

Referrals	2010	2011
Total referrals	68	68
Total no suspected abnormal	16/68	18/68
?Abnormal	11	17
?Abnormal Rhythm	4	1
Chromosomal	1	0
DGH + Bradford	11	15
Leeds/Sheff Fetal Med	5	3

Results 3

Quality of referral	2010/16	2011/18
No attempt made at diagnosis	5 (31%)	3 (17%)
Attempt made at diagnosis	11 (69%)	15 (83%)
No error	6 (63%)	5 (78%)
Minor error	4	9
Major error	6	4

Referral patterns following training

- This tool too crude to discern subtle differences
- Overall similar numbers referred before and after training
- Small increase in percentage attempting to qualify suspected diagnosis
- Small increase in numbers where suspected diagnosis correct/minor error only

In the future.....

- Need repeat of 2005 audit
 - Starting in Nov 2012 ie. 1yr + 20 weeks after training ended
- YHCAR- reporting of congenital abnormalities
- Way of keeping sonographers up to date.....
- Ideas
 - Website
 - Email updates
 - Posters