

Lymphoproliferative EQA

Lymphoproliferative EQA 2009

- Second year LPD EQA run as full scheme
- Successful collaboration between Cytogenetic and Molecular Haematopathology assessors
- No of laboratories registered
 - 2005 13
 - 2006 19
 - 2007 30
 - 2008 42
- 2009 38 (9 non-UK)
 - 33/38 satisfactory performance
 - 5 poor performers 2 - UK and 3 non-UK

Lymphoproliferative EQA

- 2008 – 2 online cases
- 2009 & 2010
 - 1 online germinal centre lymphoma
 - 1 distributed fixed cell suspension
- All years - morphology and immunophenotyping data provided in addition to images/cell suspension
- Appropriate as NICE guidelines recommend that LPD services are part of a Cancer Network Multi-disciplinary Team.

Lymphoproliferative EQA

- Aim
 - Analytical skills
 - Technical skills
 - Service understanding (probe selection)
 - Interpretation
- Scoring – no one has been penalised for errors related to interpretation of morphology / immunophenotyping with the exception of one instance where the diagnosis given was dangerous and unrelated to the FISH / clinical details

Lymphoproliferative EQA

- Recurrent issues in 2008-9
- CLL
 - Using IGH-CCND1 probe sets on confirmed cases of CLL.
 - Stating an abnormality detected by CLL probes for prognostic indicators is “consistent with the diagnosis of CLL”
 - Presentation FISH does not matter - status of the patient at particular time point matters for treatment,
 - clonal progression CLL not same as CML or MDS.
- Lymphoma
 - Referral to cytogenetic analysis to clarify results
 - FISH - “Gold standard” for lymphomas diagnosis so confirmation by cytogenetic analysis is unnecessary.

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- **Assessors in alphabetical order**
- Sandra Birdsall (Cardiff)
- Sheila O'Connor (Leeds)
- Fiona Ross (Salisbury)

Scheme Organiser
Ros Hastings (John
Radcliffe, Oxford)