

Breakout groups - imaging

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I. Radiologists at GCIG

- Groups need to send radiologists to GCIG meetings
 - The only way to ensure that improved imaging is incorporated into GCIG trials
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2. Harmonisation

- Large amount of work to be done on imaging harmonisation
 - Timing of scans to assess response
 - Timing of scans during following up for PFS assessment
 - Harmonisation of PET/CT and mpMRI protocols
 - Test/re-test studies to assess intra-patient/inter-machine variability
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3. RECIST 1.1

- Not suitable for advanced ovarian cancer.
 - In fact, we all hate it.
 - But regulatory authorities will take considerable persuasion to use anything else.
 - GCIG has duty to run the studies that will identify RECIST 1.2 etc.
 - We need to persuade pharma to include imaging substudies within registration studies.
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4. Maximising information from standard CT

- Contrast-enhanced CT is likely to remain standard imaging in trials for some time
- Essential to extract as much information as possible
- Volumetric assessment
- Radiomics
- Other patient factors e.g. sarcopaenia

5. Retrospective re-evaluation of existing CT data

- Volumetric response assessment in particular
 - Start with trials in relapsed disease
 - Validate in first-line trials

6. Correlating imaging with translational studies

- Most GCIG trials have embedded translational science (e.g. tumour blocks, blood for germline DNA, fresh biopsies etc etc)
- Vital that imaging be correlated with genomic and other translational data e.g.
 - Baseline prognostics
 - Debulkability
 - Response predictors (novel therapies, immunotherapy etc)

7. PET/CT in cervix cancer

- Varying access to PET scans amongst GCIG and CCRN groups
 - Thus, mandating PET/CT in GCIG cervix cancer trials unwise
 - PET/CT sub-studies should be embedded – e.g. response, relapse assessment
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8. Imaging to improve staging

- Leuven experience suggests mpMRI can change standard of care for staging advanced ovarian cancer (e.g. fewer laparoscopies)
 - Prospective multi-centre evaluation still needed (MROC study)
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