National Image Quality Infrastructure Proposal

Breakout Group B
Breakout Group B Recommendations

1. We will pursue recommending multiple reconstructions
   • One for quantification
   • One for radiology viewing

   • Question that needs to be resolved – implications on radiologist to “read/interpret” all images.

   • Need endorsement of professional organizations (e.g., ACR)?
National Image Quality Infrastructure

2. We will pursue setting up a national image quality infrastructure

- Patient advocacy groups can be instrumental in pushing for required or mandatory QA (they stimulated MQSA).

- Starting holding meetings with major stakeholders
  - LCA, COPD Foundation, ...
  - Innovators
  - FDA, NIST
  - ACR, AAPM, RSNA/QIBA
National Image Quality Infrastructure

• Learn from the mqsa example
• Explore setting up a pilot program through PCORI and/or NIH grant(s)
• Do a side by side comparison with Mammography
• Add image quality to every registry?
• Role for ACR to add this to their LungRads and registry?
• Medicare reimbursement for meeting high quality standards?
• Could MITA promulgate standards?
• It’s important to tie definition of QA standards to task.
• Presentation: be careful not to tell radiologists how to do their job
Next Steps

• Move to integrate quality assessment for lung cancer, COPD, and cardiac
  • Pursue image quality assessment for lung cancer first
  • Explore COPD and cardiac at major medical centers

• Setup stakeholder meetings