Discussion of the following topics:

- QIBA Round 6 projects that received funding
- Image Analysis Workstation Conformance – Draft Protocol
- Next Steps / Closing Remarks

QIBA Round-6 Project Proposals

- Two of four PET Amyloid Projects submitted for Round 6 funding have been approved:
  1. Matched Digital and Physical Amyloid Phantom for Software and Scanner Validation: Digital Component, Dr. Kinahan
  2. Quantification of Reconstruction Method Impact on Measured Amyloid Load, Ms. Matthews
- Four additional Nuclear Medicine projects were approved.
  1. FDG-PET: SUV Quantification with Point Spread Function PET Reconstruction, Drs. Martin Lodge and Ronald Boellaard
  2. FDG-PET: Simple Variability Estimates in PET, Dr. Turkington
  3. SPECT: Multi-Center Phantom Study to Characterize Bias and Precision of Quantitative 123 I SPECT, Drs. Dewaraja and Dickson
  4. SPECT: I-123 DAT Scan Digital Reference Object Development, Dr. Miyaoka
- To see a complete list of approved projects, visit the Steering Committee page on the QIBA wiki

Next Steps for Image Analysis Workstation (IAW) Conformance Section in Profile:

- Have current version of DRO read by radiologist (Dr. Subramaniam?)
- Make requested changes to DRO based on radiologist feedback
- Hold task group meeting and write up IAW Conformance section, based on limited knowledge and knowing it will be changed later
  o Constrain what DRO tests in optimal way
    ▪ Single Gaussian filter value for smoothing? (Currently set at 6 mm FWHM)
    ▪ Only one patient morphology will be tested (no time to segment another MRI volume)?
    ▪ Decide if anatomical regions will be specified
    ▪ Decide if region boundaries will be specified
    ▪ Decide if test needs to report an overlay of the target and reference regions on the DRO
    ▪ Should MRI be provided with DRO series?
    ▪ Should multiple realizations include simulation of patient movement?
- Develop limited initial series of DROs and test on IAWs
- Based on feedback, updated DRO series and Profile IAW Conformance Section of Profile

Additional documents (posted to wiki):

1. QIBA PET Amyloid IAW Conformance – PPT slides from August 12, 2016 WebEx
4. Conformance Formulae {Please navigate to the Word document}
5. QIBA Conformance Draft {Please navigate to the Word document}
August & September Nuclear Medicine WebEx Schedule

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<tr>
<th>Committees (Fridays, 9 am CT):</th>
<th>SPECT Task Forces: (Tuesdays, 2 pm CT)</th>
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<tbody>
<tr>
<td><strong>Aug 19:</strong> SPECT BC</td>
<td>Aug 16: Phantoms / DRO Group – Drs. Dickson and Zimmerman</td>
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<td><strong>Aug 26:</strong> Combined NM BCs or Leadership - TBD</td>
<td>Aug 23: Clinical / Literature Review – Dr. Seibyl</td>
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<td><strong>Sept 02:</strong> FDG-PET BC</td>
<td>Sept 06: Image Acquisition / Processing for DaTscan – Dr. Dewaraja</td>
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<td><strong>Sept 09:</strong> Amyloid BC</td>
<td>Sept 13: Quantitative / Image Analysis – Drs. Miyaoka and Seibyl</td>
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<td><strong>Sept 16:</strong> SPECT BC</td>
<td>Sept 20: Phantoms / DRO Group – Drs. Dickson and Zimmerman</td>
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<td><strong>Sept 23:</strong> Combined NM BCs or Leadership - TBD</td>
<td>Sept 27: Clinical / Literature Review – Dr. Seibyl</td>
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