QIBA FDG-PET/CT Tech Ctte Update Call
28 March 2014 at 9 AM CT (GMT-5)

Call Summary

In attendance:
Co-chair: Eric Perlman, MD  Jeffrey Yap, PhD
Ling Shao, PhD Anne Smith, PhD  Brian Zimmerman, PhD
Edward Eikman, MD Rathan Subramaniam, MD RSNA
Jay Gaeta, PhD Pierre Tervé, MS Joe Koudelik
Howard Higley, PhD Wolfgang Weber, MD Madeleine McCoy
John Hoffman, MD Scott Wollenweber, PhD
John Wolodzko, PhD

Proposed Agenda
March 28th FDG-PET TC meeting will be dedicated to the next year project discussion. The project list that this TC team developed last year will be reviewed...Please bring your ideas for new projects for the meeting!

General Discussion
Project Discussion:
• QIBA Round-3 project concepts were reviewed and re-prioritized based on current Tech Ctte/Profile needs. Project champions, resources and available funding were discussed.

<table>
<thead>
<tr>
<th>TC Proj priority</th>
<th>Project Description for Round-3 (2013-2014)</th>
<th>Average Rating</th>
<th>suggested priority 5-28-14 TC call</th>
<th>Suggested Proposal Lead</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Field test of FDG-PET/CT Profile compliance at separate sites</td>
<td>1</td>
<td>Done</td>
<td>Funded in Round-3 (small portion allocated to Amyloid Profile)</td>
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<tr>
<td>2</td>
<td>PET-SUV Digital Reference Object (DRO) extensions</td>
<td>2</td>
<td>Done</td>
<td>Funded in Round-3</td>
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<tr>
<td>3</td>
<td>Challenge project: Test quantitative imaging workstations and manual, semi-automated and automated algorithms on the same clinical data sets</td>
<td>3</td>
<td>3D</td>
<td>Using Quantithann form</td>
<td>Need a champion</td>
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<tr>
<td>4</td>
<td>Future directions / gaps from FDG-PET/CT Profile + recent results on test-train</td>
<td>4</td>
<td>1</td>
<td>High Priority</td>
<td>Field Testing Team - Burlington</td>
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<tr>
<td>5</td>
<td>Develop draft profile for neuro PET imaging, including phantoms</td>
<td>5</td>
<td>2</td>
<td>High Priority</td>
<td>Smith/Perlman</td>
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<tr>
<td>6</td>
<td>Develop draft profile for Quantitative SPECT/CT, including phantoms</td>
<td>6</td>
<td>4</td>
<td>Need a champion</td>
<td>Bank/Smith</td>
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<tr>
<td>7</td>
<td>Previous proposal, Establish the biological reproducibility of metabolic tumor volume (MTV) and total glycolytic activity (TGA) as imaging biomarkers using ACRIN 6678 primary NSCLC data</td>
<td>7</td>
<td>3A</td>
<td>John Zerbe</td>
<td>Subramaniam</td>
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Proposed new projects
- Amyloid Analysis Software - Workstation
- Limited Patient subjects testing for FDG-PET/CT

- Dr. Shao requested draft proposals be submitted and the next step is for the co-chairs to discuss the proposals.
- Drs. Smith and Subramaniam expected to submit a proposal based on Q-SPECT for consideration.

Upcoming Calls:
QIBA PET Amyloid WG Subgroup T-Con, Friday, April 4th at 8:30am (CT).
FDG-PET/CT Tech Ctte t-con is scheduled for Friday, April 11th at 9 AM (CT)