

**QIBA fMRI Technical Committee Agenda & Call Summary**  
**Wednesday, January 15th, 2014 at 11 AM CT**  
Call Summary

**In attendance**

<i>Ted DeYoe, PhD, (Co-Chair)</i>	Jay Pillai, MD	<b>RSNA</b>
<i>Cathy Elsinger, PhD, (Co-Chair)</i>	James Reuss, PhD	Joe Koudelik
Thomas Beck, Dr.-Ing.	David Soltysik, PhD	Madeleine McCoy
Edward Jackson, PhD	Daniel Sullivan, MD	
Andrew Kalnin, MD	Kirk Welker, MD	
Feroze Mohamed, PhD	Yuxiang Zhou, PhD	

**1. Funding news – New Projects**

Updates – Linda received subcontract approval letter from federal contract officer – subcontracts from December 24, 2013-September 29, 2014.

**2. DICOM WG 16 activity** – have a look at the DICOM proposal Jim Reuss has circulated.

This is a guidance document that list implementation priorities and proposals from a draft version (V0.6, 2011). Provide feedback to Jim by 1/24 and we will discuss during our meeting on January 29<sup>th</sup>.

**3. ASFNR meeting – 2/17-2/19** - face to face meeting? Potential topics?

- a. Discuss current draft of profile
- b. Meet with cooperating sites to go over DRO project questionnaire

**4. Proposal for second writing group/profile for Resting State fMRI**

There is considerable interest in resting state – but variability in methodology makes this a challenge. Could we do some parallel groundwork within scope of DRO project as feasibility work regarding reproducibility/bias for initial drafting of claims?

Important points for clarification

- *Is it the relative signal strength of identifiable networks that is measured,*
  - *or the spatial distribution of nodes within networks, or both?*
- *What are the increasing clinical uses, how is data used (qualitative? quantitative? comparative?)*
- *How have these techniques been validated?*

Practical steps for initiating this activity

-Form “writing group”, which functions as subgroup of our existing Technical Committee. RSNA staff will set up regular webex calls for writing groups, but cannot staff the calls or prepare summaries.

-Prepare a few sentences of response to the criteria for QIBA biomarkers (attached with agenda). All 5 of the criteria may not be relevant to a given biomarker, but for those that are we’d provide a few sentences that indicate how the proposed biomarker meets that criterion and is therefore appropriate for QIBA resources to be allocated. Submit to Fiona Miller.

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**Discussion**

- New committee member, Dr. Thomas Beck from Siemens, introduced himself to the group.

**NIBIB Funding**

- The Federal Contract Office has approved most domestic projects, which are now with their respective institutions for review and signature.

**DICOM WG 16 activity**

- Dr. Reuss has circulated the DICOM proposal requesting feedback by Jan 24<sup>th</sup> for discussion on the next t-con.
- The next step will then be for Dr. Reuss to present the proposal to DICOM WG 16 for consideration.
- The latest version of the DICOM proposal is posted on the QIBA WIKI.

### **ASFNR meeting – 2/17-2/19**

- Drs. Elsinger, Kalnin, Reuss, Pillai, Mohamed and Welker all stated their intent to attend.
- Dr. DeYoe will not be in attendance.
- Dr. Elsinger will look at the ASFNR Meeting schedule and suggest times for an informal meeting.

### **Proposal for second writing group/profile for Resting State fMRI**

- Committee decision made to table this new Profile writing group until further notice due to premature data and limited resource.

### **DRO Project Topics Discussed**

- Dr. Mohamed will create and circulate a template to participating imaging sites requesting the data format which is required—platform, procedures, system used to generate maps, what type of model was used, etc.
- Dr. Pillai will request the most recent version of Dr. Voyvodic’s IRB Template as reference.

### **Other Business**

- Dr. Elsinger will send the latest version of the Profile to Dr. Voyvodic for discussion on the next t-con.
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### **Next calls:**

- QIBA fMRI Bias WG call - **Tuesday, January 21<sup>st</sup> at 10am CT**
- QIBA fMRI Tech Committee call - **Wednesday, January 29<sup>th</sup>, at 11am CT**