

**CRU Meeting**  
**May 31, 2016, 12:00 PM**

**Attendance:** Dr. Daniel Barboriak, Dr. Mustafa R Bashir, Dr. Lynn Koweek, Dr. Jim Voyvodic, Dr. Martin Tornai, Dr. Timothy Turkington, Antonina Poole, Dr. Bastiaan Driehuys, Dr. Joseph Lo, Dr. James MacFall, Jennifer Korzekwinski, Steven Shipes, Dr. Christopher Vallanat, Samantha Womack, Brittany Price, Dana Sanders, Tracy Kerby, Dr. Kingshuk Choudhury

**I. Introduction**

- Introduce Dr. Timothy Turkington, Dr. Martin Tornai and Antonina Poole  
**Dr. Barboriak introduced Dr. Turkington, Dr. Tornai and Antonina Poole**
- Approval of April 2016 Minutes  
**Motion to approve by Dr. James MacFall and seconded by Dr. Joseph Lo. Everyone present voted and approved**
- Activity Summary –
  - approved studies in IRB 42 full committee; 164 expedited; 26 exempt
  - 149 Subjects enrolled for 2016,( 6 NIH, 2 Federal, 127 Industry, 14 Internal)
  - 324 Research Associated Scans performed throughout health system in April 2016
  - Patient safety update - No problem/event representing an Unanticipated Problem Involving Risk to Subjects or Others None

**II. Review of Approved projects (no seed fund requests or issues)**

- Dr. Joseph Mammarrappallil, Pro00071897 Air Embolism after CT-guided Percutaneous Lung Biopsy of Lung Nodules
- Dr. Joseph Mammarrappallil, Pro00071989 Limited Z- axis, CTPA
- Dr. Lynn Koweek, Pro00072071 Specific image quality for contemporary clinical MDCT examinations.
- Dr. Bhavik Patel, Pro00068918, Use of clinical and CT, US, or MRI findings for modeling of resource utilization in clinical conditions where imaging is used for initial diagnosis.
- Dr. Bhavik Patel, Pro00073645, IPMN and the field defect: Is there an increased risk of developing pancreatic cancer?
- Dr. Bhavik Patel, Pro00073407, Quantification of Iodine Concentration in Pancreatic Adenocarcinoma using Dual-Energy CT: An Imaging Biomarker for Treatment Response and Survival Outcomes
- Dr. Jaffe, Pro00072789, CT Findings of Traumatic “Bucket Handle” Mesenteric Injuries
- Dr. Maciej Mazurowski, Pro00073089, Collection of follow-up data for analysis of analysis of breast images in correlation with survival prognosis, prediction of response to therapy, genomic/pathology correlation.  
**Dr. Barboriak have brief summary of retrospective studies that were approved.**

### III. Prospective Studies

- None

Discussed studies discussed in April 2016 meeting.

Johnson Pro00070445 – Approved after questions were answered. Hypothesis was more solid with better method to measure.

Dr. Ghate Pro00063806 – Study team confirmed population goal can be reached.

### IV. Federal/Foundation Studies

- None

### V. Seed Fund Requests

- Update on Dr. Bennett Chin, Quantifying Skeletal Tumor Burden Using NaF PET/CT  
Dr. Barboriak showed updated scoring and change. Dr. Koweek mentioned could there be a possibility to ask the hospital to pay for the software needed.

### VI. Research marketplace

<http://sites.duke.edu/radiologycru/>

### VII. Quick updates

Dr. Barboriak thanked everyone for their participation in the Putman Vision award. The official announcement of the results will be at the next faculty meeting.

### VIII. Old Business :none

### IX. New Business

- Establishing a “Research Work Group”
  - Hopes of creating a platform to better establish relationships and to provide opportunities for the teams to talk through research studies, answer/ask questions, etc.
  - Establish a process whereby any “fails” generate a review of that particular study. In doing so, trends can be established and remediation strategies can be employed. Philosophically, these would include similar multidisciplinary resources as the work group list above. Would also include ad.hoc members depending on where the “fail” occurred. This would be very similar to that which exists on the clinical side (Root Cause Analysis) when a failure occurred in the delivery of care.

Steve Shipes gave an update on the status of the work group.

Dr. Barboriak ended the meeting with acknowledging and thanking Dr. James MacFall for all his work with the CRU and wished him well in his retirement.