**Meeting Minutes**

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| Meeting: | SPAN Steering Committee Meeting |
| Date and Time: | 8/27/20 11am-12pm PST |
| Meeting Link | <https://cedars.webex.com/cedars/j.php?MTID=me58a77df28a9e995e4ea6fa5449e675b> |
| Meeting Number: | 925 004 793 |
| Present: | Patrick Lyden, Jessica Lamb, Anil Chauhan, Andrea Morais, Dan Thedens, Anjali Chauhan, Enrique Leira, Francesca Bosetti, Jim Koenig, Ligia Boisserand, MB Khan, Nirav Dhanesha, Marcio Diniz, Pradip Kamat, Ray Koehler, Rakesh Patel, Ryan Cabeen, Senthil Karuppagounder, Siyue Li, Andre Rogatko, Jarek Aronowski, Lidiya Obertas, Louise McCullough, Ali Herman, David Hess, Lauren Sansing, Fahmeed Hyder, Karen Crawford, Mariia Kumiskova, Cenk Ayata, Basav Sanganahalli, Andrew Goh, Suyi Cao, Tom Qin, Yanrong Shi, Karisma Nagarkatti |

**Agenda Items**

* 1. **Pilot Study- review preliminary results and feedback from sites**
     1. Pilot Study Updates
        1. TTC: Some sites have chosen to sacrifice mice after the 48 hour MRI scan and to do TTC staining so as to help validate the semi-automated measurements. Sites wondered how to handle such an animal in the REDCap database. The CC asks that sites mark animal as dead in REDCap after sacrificing for TTC; please mark all remaining forms as “not done” and for reason state that animal dropped out.
        2. Please send area/volume measurements to the Coordinating Center group email. This will include your image analysis (volumetry) using some version of the Cavaleri method.
        3. There will be a surgery workshop prior to the start of stage 1 to go over the final protocol based on all of our learning during the pilot study.
     2. REDCap forms
        1. Sites will receive randomizations at most 2 business days before intended surgery date
        2. “Resolve Issues” feature on REDCap- Sites are responsible for checking this feature weekly. PLEASE NOTE: the system does not generate an email to sites alerting you that a query has been posted in REDCap. The CC will not be able to email you about every query. Therefore, it is critical that each site look at REDCap on a regular basis for queries and go into the ‘resolve issues’ tab.
     3. Behavior
        1. Preliminary Baseline Corner Test Results were presented by Marcio from the Stats Core. These analyses were based on a small number of data points and will be finalized at the end of the pilot phase.
           1. In the data presented, the Mean= 0.5 indicating equal turning preference. The standard deviation used was 0.25 in the calculations. These summary stats included animals with a clear turning preference before any stroke occurred. Furthermore, these results, mean 0.5 and SD 0.25, match exactly with the values we found in the literature. Please keep in mind that we modeled our projected sample size using a ‘best case’ and a ‘worst case’ scenario. With a large enough sample size, a normal coefficient of variation that falls within the range of “best case scenario” is shown.
        2. Grid Walk Scoring SOP 13 – Grid Walk WebEx webinar to be scheduled
           1. Grid walk suggestions to be discussed at that webinar:

Count 100 steps in 1 limb. Baseline counts are very low.

Lighting

* + 1. MRI Updates
       1. Ryan Cabeen presented early, preliminary results of the MRI lesion volumes, comparing IV to IP saline administration. So far, there was remarkable concordance and lesions are trending small. At the end of the pilot phase, we will confirm that IP and IV controls resemble eachother and possibly modify (reduce) the numbers of controls that will be needed in each Stage.
       2. A validation of the pipeline will be conducted by MGH/Yale to ensure that the pipeline is measuring accurately

About n=10 cases will be analyzed using manual volumetry. This includes creating the ROI masks, measuring true T2 and ADC values, and manual planimetry of the lesions.

The intention is to manually analyze 2 animals from each site, if possible.

Dr. Lyden has asked Yale and MGH to designate a champion, on person who will Shepard this project.

* + - 1. Ryan to analyze the two protocols sent by Iowa and confirm which protocol is best for the pipeline
  1. **RIC Distribution and Rotation Schedule** 
     1. Target date for Stage 1: October 5th, 2020
     2. RIC Rotation for Stage 1- Iowa volunteered to start Stage 1 with RIC device. The CC will set up the following rotation for the RIC device, using a random drawing.
     3. Sites are asked to send IACUC protocols (full text) to the CC prior to Stage 1 start- IW, Yale, Augusta MGH sent to CC
  2. **LONI Updates**
     1. Update on coding IDA to receive different mp4 formats
        1. LONI in the process of identifying type of MP4 most sites are using and will add upload functionality for file from that type of camera

Sites requested to send unconverted MP4 video file to Karisma using Google Drive

* + - 1. Most sites seem to be using GoPro
  1. **SPAN Website** 
     1. [www.spannetwork.org](https://dkode.technology/netscintific/)
     2. Sites to use Support Forum to provide feedback on protocols
  2. **Next Steering Call 9/24 will be hosted on Zoom- details to follow**
  3. **Miscellaneous**
     1. Each site PI to discussed feasibility of acquiring a room to reset the light-dark cycle with their COMPMED
        1. Yale: capable of adjusting cycle
        2. AG: capable of adjusting cycle
        3. JH: has already adjusted cycle, 3am-3pm the room is dark. Dr. Koehler commented that mice are more responsive during the corner test after this switch
        4. UT: currently using a shared holding room. The site is in discussion to acquire a separate room to adjust cycle
        5. MGH: Dr. Qin stated that MGH has access to a dark/light cycle room

**Work Items**

1. Each site PI to submit finalized IACUC protocols to the CC prior to stage 1 start – Iowa, Yale, AG, MGH sent
2. Ryan to analyze Iowa MRI protocols and confirm which protocol Iowa should use for pipeline concordance

Next Meeting date: 9/24/20 11am PST