## Re: SPAN: TTC and MRI stroke Detecting Sensitivity

From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jun 4, 2:24 PM

To: cayata@mgh.harvard.edu | cayata@mgh.harvard.edu, Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Dr. Ayata and Ryan,

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Thank you for your help, Karisma

From: Goh | Andrew.Goh@uth.tmc.edu To: Stroke Preclinical Assessment Network | spancc@usc.edu Friday, Jun 4, 1:58 PM

The mouse we discussed during today's meeting to run through the MRI pipeline is uploaded under the name MO0002.

Andrew Goh
UTH Neurology Department Research Assistant II
BS Neuroscience Baylor
MS Medical Physiology CWRU

From: Ayata, Cenk, M.D. | CAYATA@mgh.harvard.edu

Friday, Jun 4, 2:34 PM

To: Karisma Nagarkatti (USC) | nagarkat@usc.edu Cc: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

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From: Karisma A Nagarkatti I nagarkat@usc.edu

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Friday, Jun 4, 3:07 PM

To: Ayata, Cenk, M.D. | CAYATA@mgh.harvard.edu

Cc: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Most of these scans were uploads for the Stage 2 Run-in phase. There are a few scans which are specific to MRI/TTC Validation. The details for the MRI/TTC Validation scans are included in the google doc link that was re sent to you and Ryan on Tuesday.

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Monday, Jun 7, 7:53 AM

To: Ayata, Cenk, M.D. | CAYATA@mgh.harvard.edu

Cc: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Drs. Ayata and Cabeen,

We have received TTC images from Johns Hopkins. We expect U lowa to complete their TTC validation this week. I have updated the excel doc sent on Friday with a sheet that is specific to MRI validation. Please let me know if you if there is any other information that is needed. The MRI scans for the Validation are saved in a separate Visit Code 'MRI Validation'. I am resending the google link in this email as well. I will update it with U lowa once we receive the data from them and I will notify you. Thank you for your patience and assistance with this.

drive.google.com/drive/folders/1CdTb9FsfQJfGVkgClzaZHIQ25Xwl7NPV?usp=sharing

## Thanks,

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Monday, Jun 7, 12:59 PM

To: Karisma Nagarkatti (USC) | nagarkat@usc.edu, Ayata, Cenk, M.D. | CAYATA@mgh.harvard.edu

Just following up on this, attached please find a zip of images from MO0002. In this case there wasn't any apparent lesion detected by the algorithm (or visible to my eyes). There was a small midline shift detected though (117 micron / 2.5%).

I also noticed this case was included in the "Stage Two Pilot", and not the "MRI validation" set on the IDA, so I wonder why and when it had TTC? Or was there a plan to do TTC on some stage 2 pilot scans? I agree about the timing of the MRI-TTC interval being important here, so might be good to ask about

Ryan P. Cabeen, PhD
Chan Zuckerberg Imaging Scientist
Assistant Professor of Research Neurology
Laboratory of Neuro Imaging
USC Stevens Neuroimaging and Informatics Institute
Keck School of Medicine of USC
University of Southern California
2025 Zonal Ave.

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