FW: TTC and MRI stroke Detecting Sensitivity

From: **Patrick Lyden** | plyden@usc.edu Friday, Jun 4, 3:32 PM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Ryan,

We looked at this mouse today in our weekly meeting. There was a small lesion in the striatum, but nothing on the T2 as presented by the site. However, they did not show us the ADC. Could you pull this one out of the Pilot Study repository and see what your pipeline says is the lesion volume?

Many thanks,,

P

> 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: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 12:22 AM

To: **Patrick Lyden** | plyden@usc.edu

Will do, I'll run this case through and send along the metrics and also visualizations of the anatomy

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From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu — Monday, Jun 7, 12:51 PM

To: **Patrick Lyden** | plyden@usc.edu

Hi Pat,

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? Given that, it might be helpful to know the interval was between MRI and TTC and whether that might explain the difference?

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