Re: SPAN: TTC and MRI stroke Detecting Sensitivity

From: **Karisma A Nagarkatti** | 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,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

So these were upload and are among the animals for stage 1 validation, correct?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu Friday, Jun 4, 2:35 PM

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

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Karisma A Nagarkatti** | nagarkat@usc.edu 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.

> From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:34 PM
>
> So these were upload and are among the animals for stage 1 validation, correct?
>
>
>
> > From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM
> >
> > **External Email - Use Caution**
> > Hi Dr. Ayata and Ryan,
> >
> > UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .
> >
> > 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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 3:08 PM

To: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu
Cc: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.

From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu
Friday, Jun 4, 3:10 PM

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

By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
We will make a list of all animals and the specific info we need for each after all sites provide their animals.

From: **Karisma A Nagarkatti** | nagarkat@usc.edu
Friday, Jun 4, 6:08 PM

We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.

From: **Ayata** | CAYATA@mgh.harvard.edu
To: **Karisma A Nagarkatti** | nagarkat@usc.edu
Friday, Jun 4, 2:35 PM

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each

animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Karisma A Nagarkatti** | 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 Iowa 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 Iowa 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,
Karisma

> From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 3:10 PM
>
> By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
> We will make a list of all animals and the specific info we need for each after all sites provide their animals.
>
>
>
> > From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 6:08 PM
> >
> >
> > We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.
> >
> > > From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM
> > >
> > > Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu 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.
Los Angeles, CA 90033
Tel: (323) 44-BRAIN
Email: rcabeen@loni.usc.edu
Web: cabeen.io
www.ini.usc.edu

> From: **CAYATA@mgh.harvard.edu** Friday, Jun 4, 3:10 PM
>
> By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
> We will make a list of all animals and the specific info we need for each after all sites provide their animals.
>
>
>
> > From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 6:08 PM
> >
> > **External Email - Use Caution**
> >
> > We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can

collect these answers from the sites and send it to you as well.

From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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

<Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 3:05 PM

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

Hi Ryan,

Thanks for catching teh incorrect Visit Code.I will see if I can modify that on IDA or if the scan needs to be reuploaded.

Thanks for your help,
Karisma

> From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 1:00 PM
>
> 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.
> Los Angeles, CA 90033
> Tel: (323) 44-BRAIN
> Email: rcabeen@loni.usc.edu
> Web: cabeen.io
> www.ini.usc.edu
>
> > From: **CAYATA@mgh.harvard.edu** Friday, Jun 4, 3:10 PM
> >
> > By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
> > We will make a list of all animals and the specific info we need for each after all sites provide their animals.

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 6:08 PM

External Email - Use Caution

We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.

From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a

listing for the scans uploaded by site name (current to 03June21 uploads) .

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
>
> <Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu
Monday, Jun 7, 3:17 PM

To: **Karisma A Nagarkatti** | nagarkat@usc.edu

Got it, thanks! One more question about stage 2 pilot data, I see that there are both rats and mice labelled under "Stage Two Pilot". I wonder if there is something stored in the IDA to differentiate those two? I guess that would have to be marked during upload, but I'm not familiar with that process.

Thanks,
Ryan

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.
Los Angeles, CA 90033
Tel: (323) 44-BRAIN
Email: rcabeen@loni.usc.edu
Web: cabeen.io
www.ini.usc.edu

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 3:05 PM

Hi Ryan,

Thanks for catching teh incorrect Visit Code.I will see if I can modify that on IDA or if the scan needs to be reuploaded.

Thanks for your help,
Karisma

> From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 1:00 PM
>
> 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.
> Los Angeles, CA 90033
> Tel: (323) 44-BRAIN
> Email: rcabeen@loni.usc.edu
> Web: cabeen.io
> www.ini.usc.edu
>
> > From: **CAYATA@mgh.harvard.edu** Friday, Jun 4, 3:10 PM
> >
> > By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
> > We will make a list of all animals and the specific info we need for each after all sites provide their animals.
> >
> >

Please note that this e-mail is not secure (encrypted). If you do not wish to continue communication over unencrypted e-mail, please notify the sender of this message immediately. Continuing to send or respond to e-mail after receiving this message means you understand and accept this risk and wish to continue to communicate over unencrypted e-mail.

> From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 6:08 PM
>
> **External Email - Use Caution**
>
> We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.
>
> > From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM
> >
> > Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?
> >
> > The information in this e-mail is intended only for the person to whom it is addressed. If you believe this e-mail was sent to you in error and the e-mail contains patient information, please contact the Mass General Brigham Compliance HelpLine at http://www.massgeneralbrigham.org/complianceline . If the e-mail was sent to you in error but does not contain patient information, please contact the sender and properly dispose of the e-mail.
> >
> > Please note that this e-mail is not secure (encrypted). If you do not wish to continue communication over unencrypted e-mail, please notify the sender of this message immediately. Continuing to send or respond to e-mail after receiving this message means you understand and accept this risk and wish to continue to communicate over unencrypted e-mail.
> >
> > > From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM
> > >
> > > **External Email - Use Caution**
> > >
> > > Hi Dr. Ayata and Ryan,
> > >
> > > UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .
> > >
> > > 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
>
> <Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>

From: **Karisma A Nagarkatti** | nagarkat@usc.edu — Monday, Jun 7, 3:19 PM

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

Hi Ryan,

We spoke to Karen about this and she mentioned that when Stage 2 goes live that sites will have the option to choose rat, mouse, human when uploading scans. She just changed the span uploader system for sites today so they may have that option now. Let me reverify with Karen and I can confirm all of this with you by tomorrow.

Thank you for your help we really appreciate it!

Thanks,
Karisma

> From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 3:18 PM
>
> Got it, thanks! One more question about stage 2 pilot data, I see that there are both rats and mice labelled under "Stage Two Pilot". I wonder if there is something stored in the IDA to differentiate those two? I guess that would have to be marked during upload, but I'm not familiar with that process.
>
> Thanks,
> Ryan
>
> 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.
Los Angeles, CA 90033
Tel: (323) 44-BRAIN
Email: rcabeen@loni.usc.edu
Web: cabeen.io
www.ini.usc.edu

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 3:05 PM

Hi Ryan,

Thanks for catching teh incorrect Visit Code.I will see if I can modify that on IDA or if the scan needs to be reuploaded.

Thanks for your help,
Karisma

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Monday, Jun 7, 1:00 PM

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.
Los Angeles, CA 90033
Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu
Web: cabeen.io
www.ini.usc.edu

From: **CAYATA@mgh.harvard.edu** Friday, Jun 4, 3:10 PM

By protocol, all stage 1 validation TTC/MRI pairs should have been on day 2.
We will make a list of all animals and the specific info we need for each after all sites provide their animals.

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 6:08 PM

External Email - Use Caution

We do not have that information as that is not information I was asked to collect from sites. However, if you can send me a list of specific questions you have for each TTC sent in I can collect these answers from the sites and send it to you as well.

From: **Ayata** | CAYATA@mgh.harvard.edu To: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 2:35 PM

Do we also have detailed information about the timing of MRI and timing of brain removal for TTC for each animal?

From: **Karisma A Nagarkatti** | nagarkat@usc.edu Friday, Jun 4, 5:21 PM

External Email - Use Caution

Hi Dr. Ayata and Ryan,

UTH shared this powerpoint presentation during today's Stage 2 Weekly meeting. There was some concern that the MRI image (Slide 5) did not indicate lesion but that the TTC did. Dr. Lyden asked that I share this presentation with you and request that Ryan confirm this finding with his MRI pipeline. The site indicated that this MRI here is a T2 scan. This is Animal ID MO0002 in IDA. I have also attached to this email, a excel document with a listing for the scans uploaded by site name (current to 03June21 uploads) .

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
>
> <Run-in- aged mice (1).pptx><03June21_Stage2PilotMRI.xlsx>