Hands-on Neuroanatomy Workshop

Sheep brain dissection

April 2, 2026, York University

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CIAN
Centre for Integrative and Applied Neuroscience
Centre pour l'Intégration et l'Application des Neurosciences

Today's Agenda

This is a self-directed workshop but we're here to help

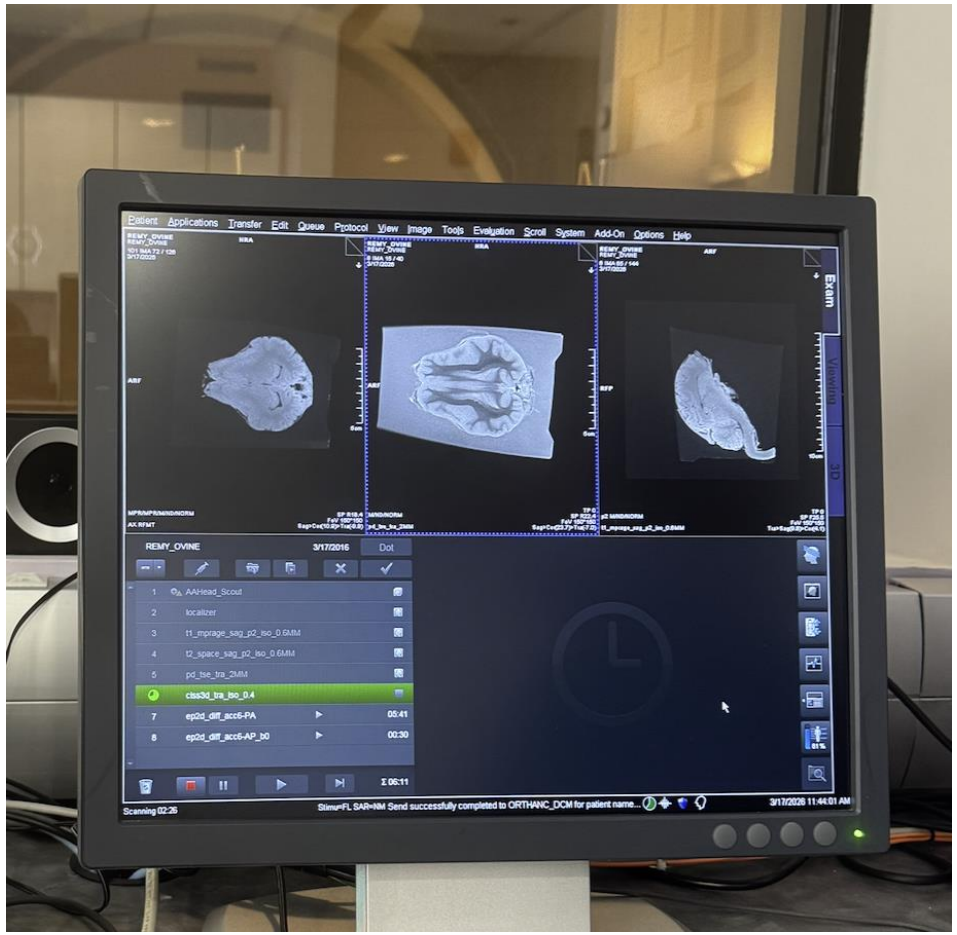
We suggest you pick 10 structures that are relevant to your work and start exploring

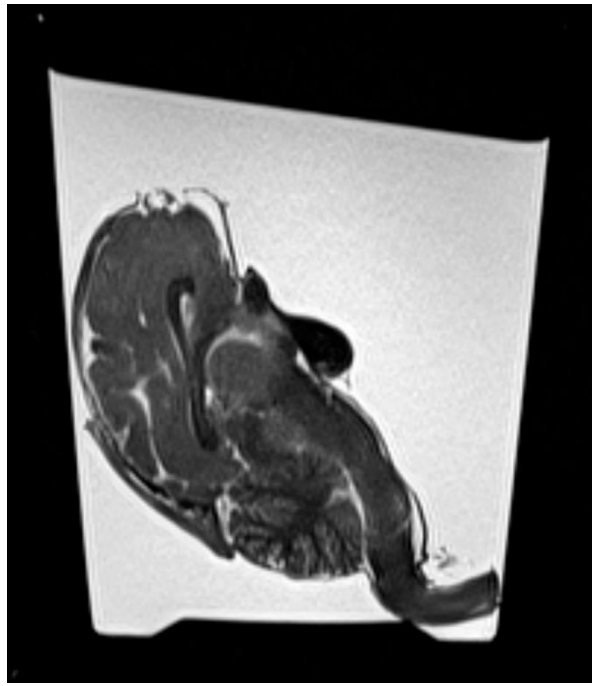
Before doing that, we suggest that you:

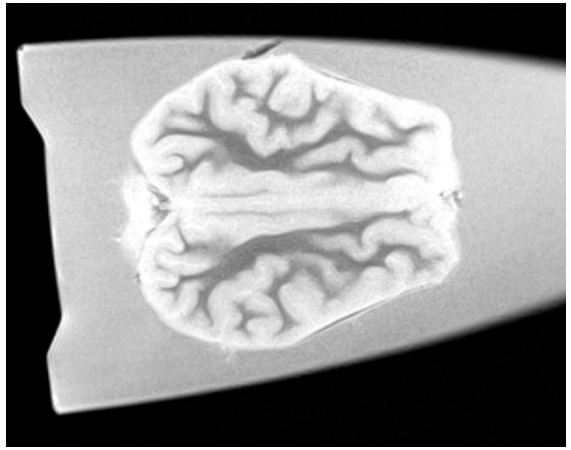
1) Appreciate the surface structure
2) Start by removing the meninges (Dura +Arachnoid) using scissors and try to stay away from the cortical surface
3) Appreciate the sulci and gyri (see if you can locate pre and post central gyri)
4) Remove pial layers
5) Identify the longitudinal fissure and cut the brain in half (keep cerebellum intact)–Sagittal cut
6) Begin with your wish list (you can now cut coronally, and/or examine subcortical structures such as hippocampus, thalamus or basal ganglia or other important nuclei

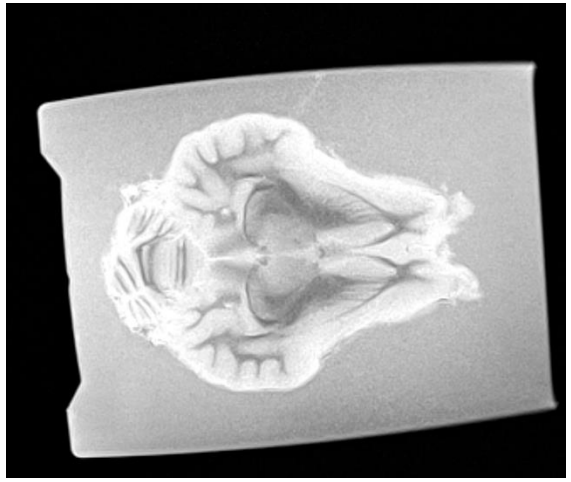
MRI update

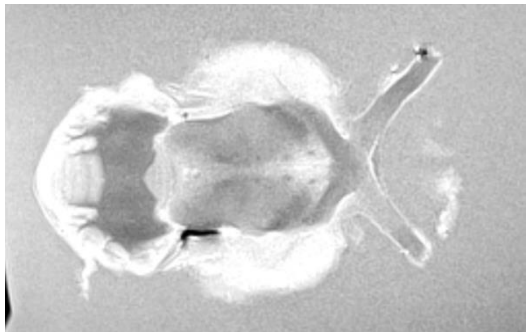
MRI update

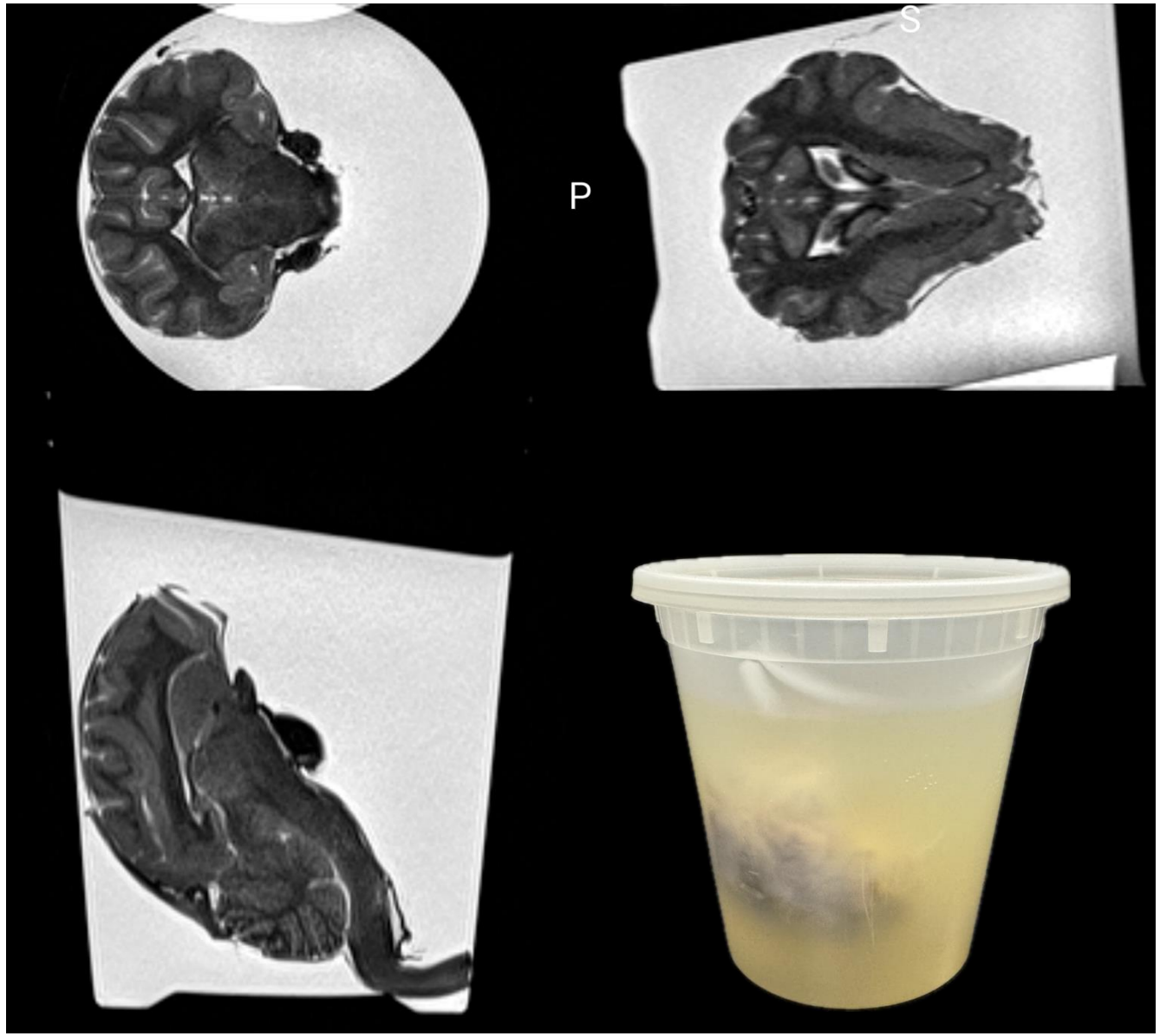


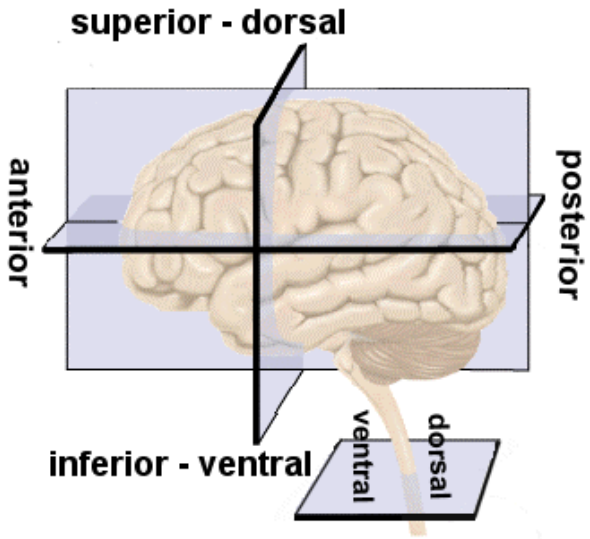


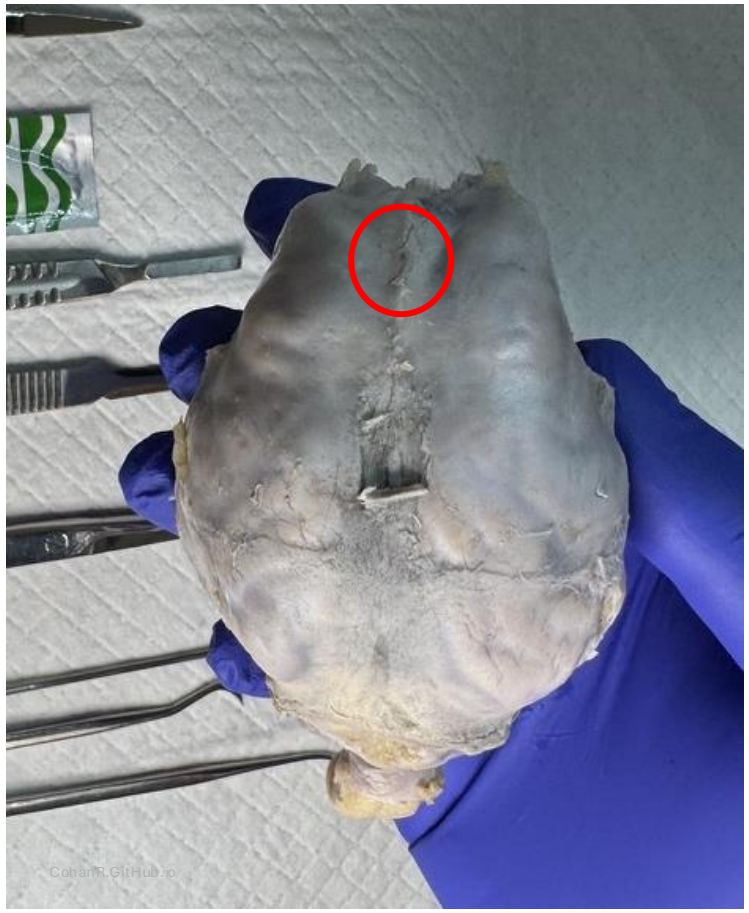


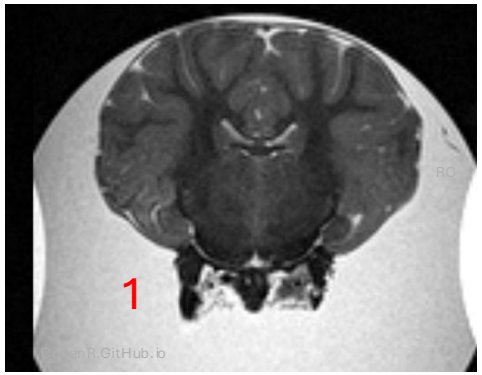


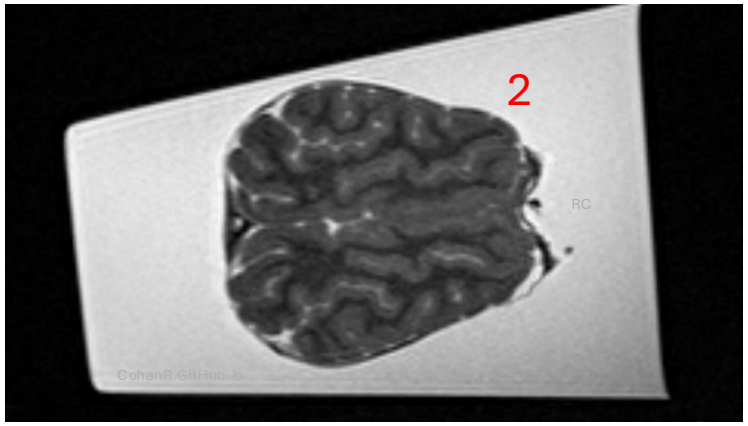


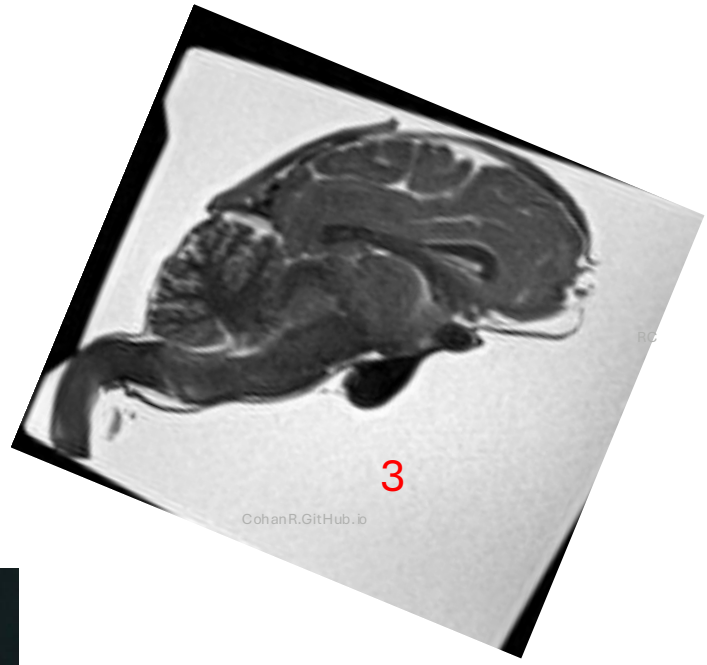


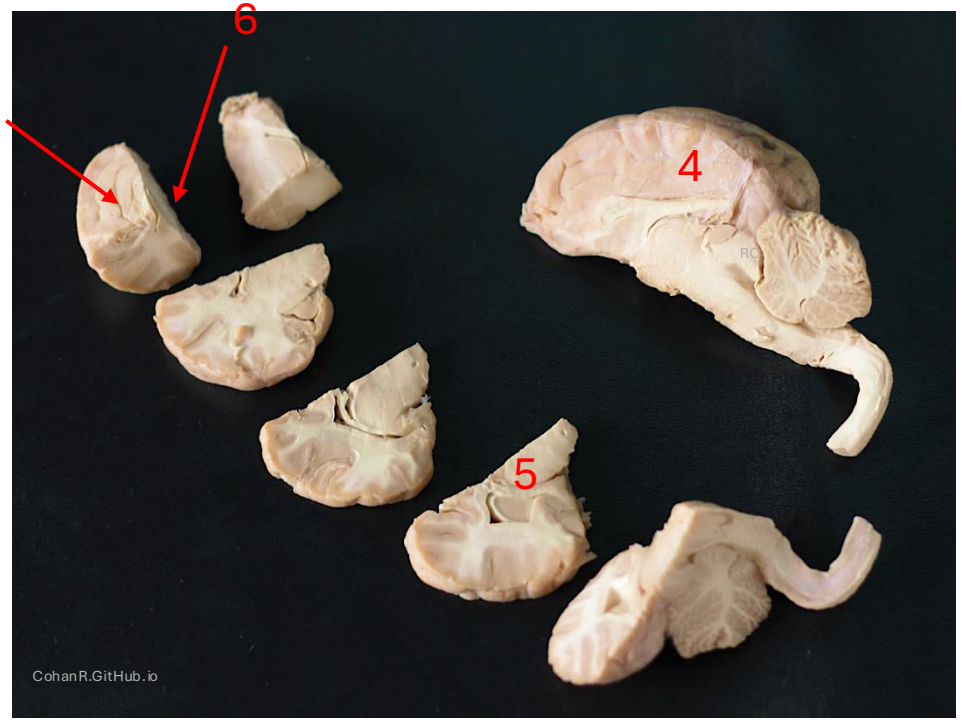


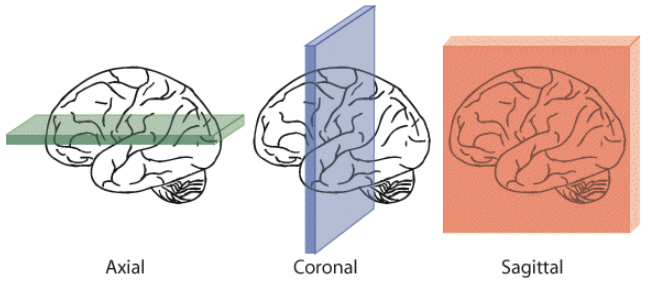


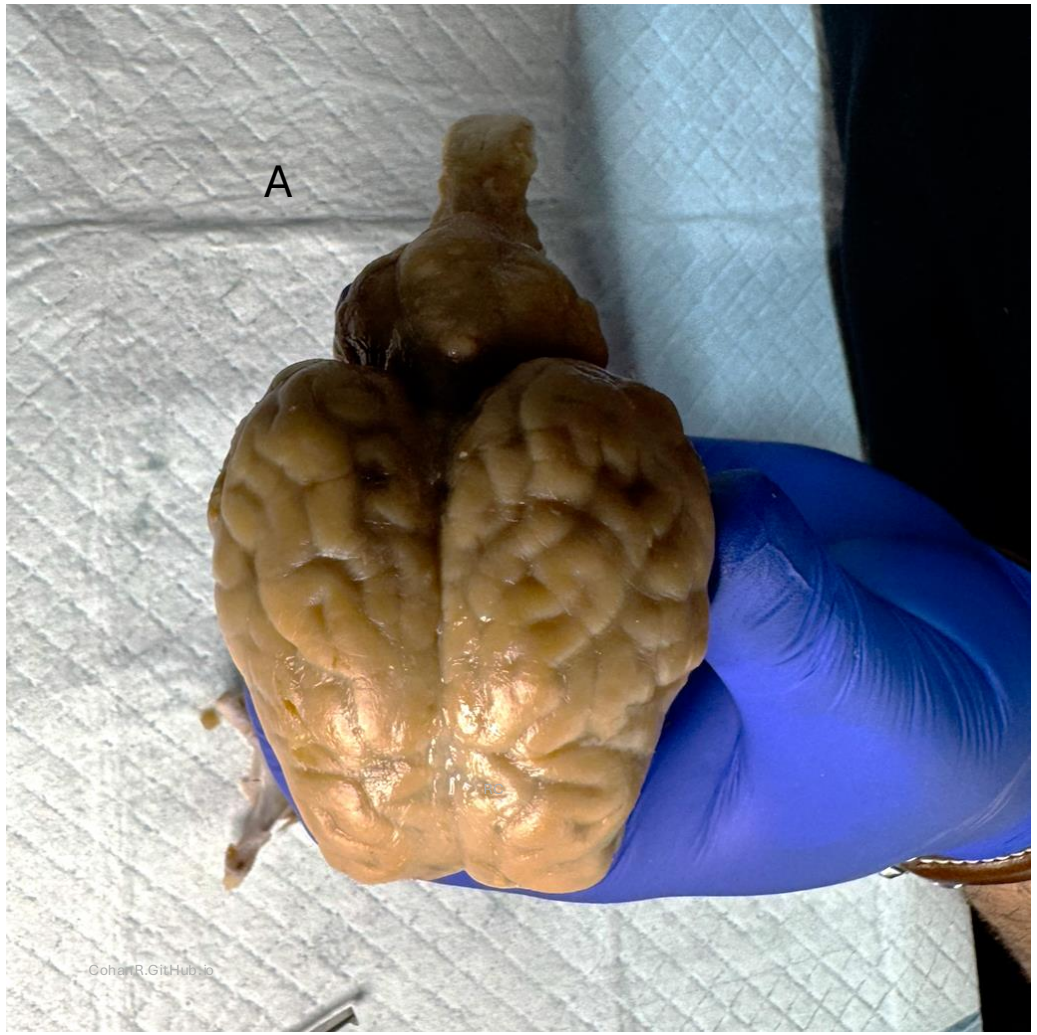


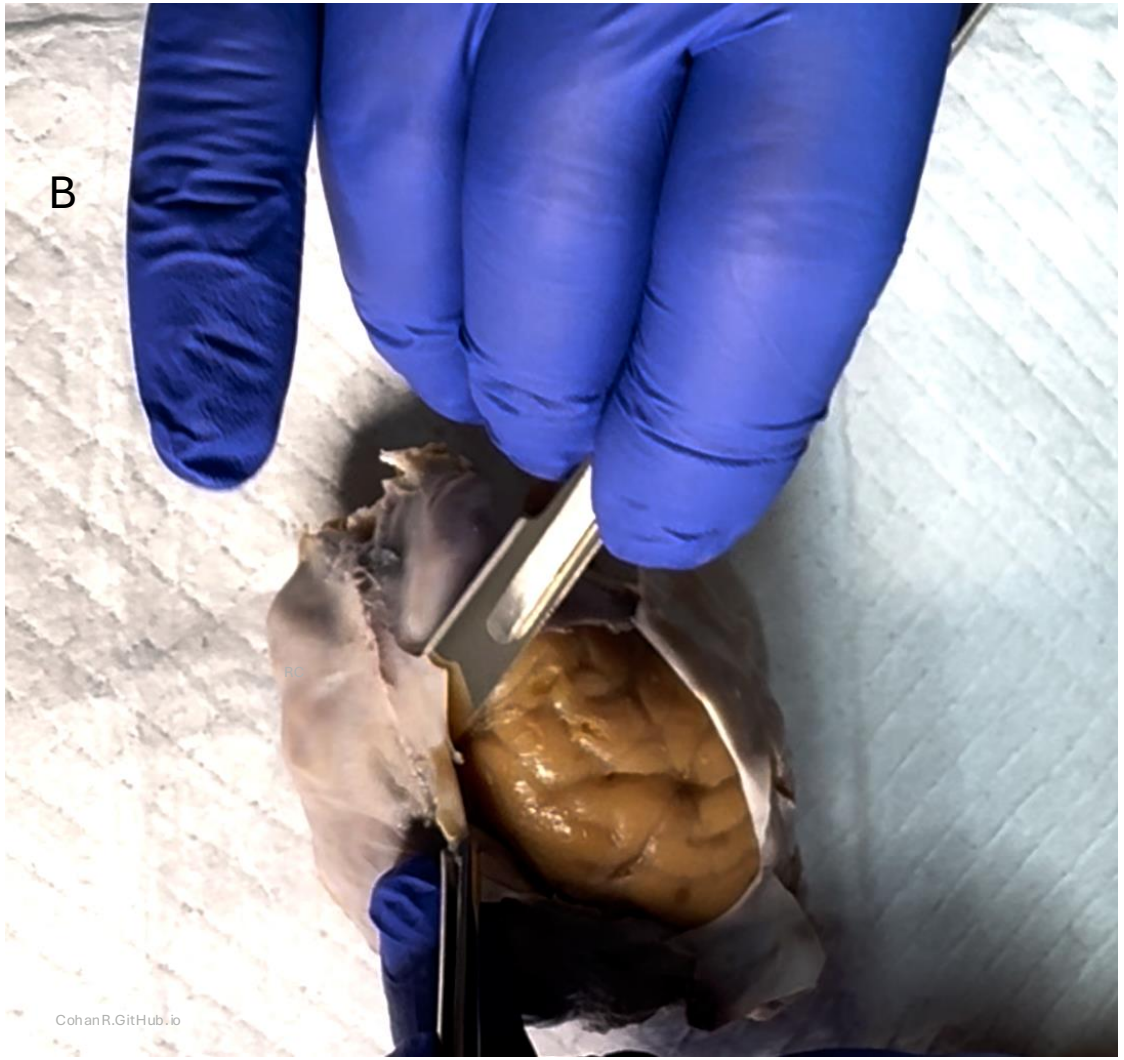


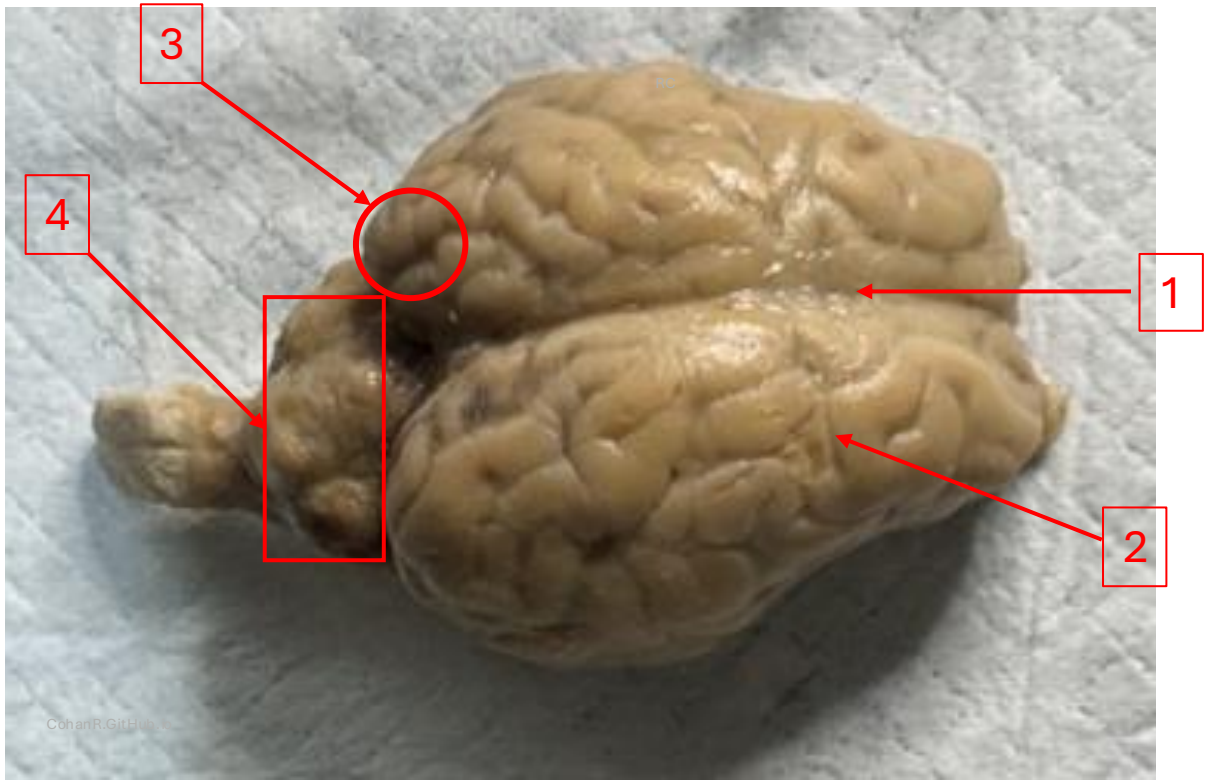


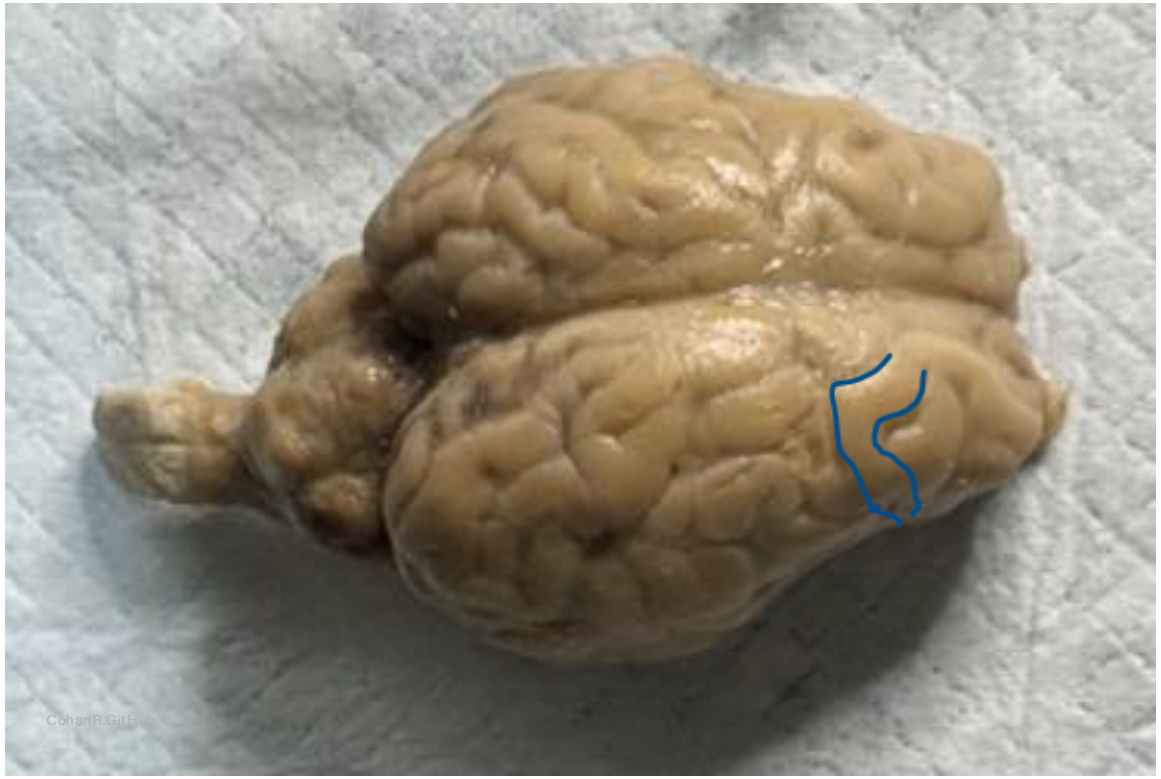


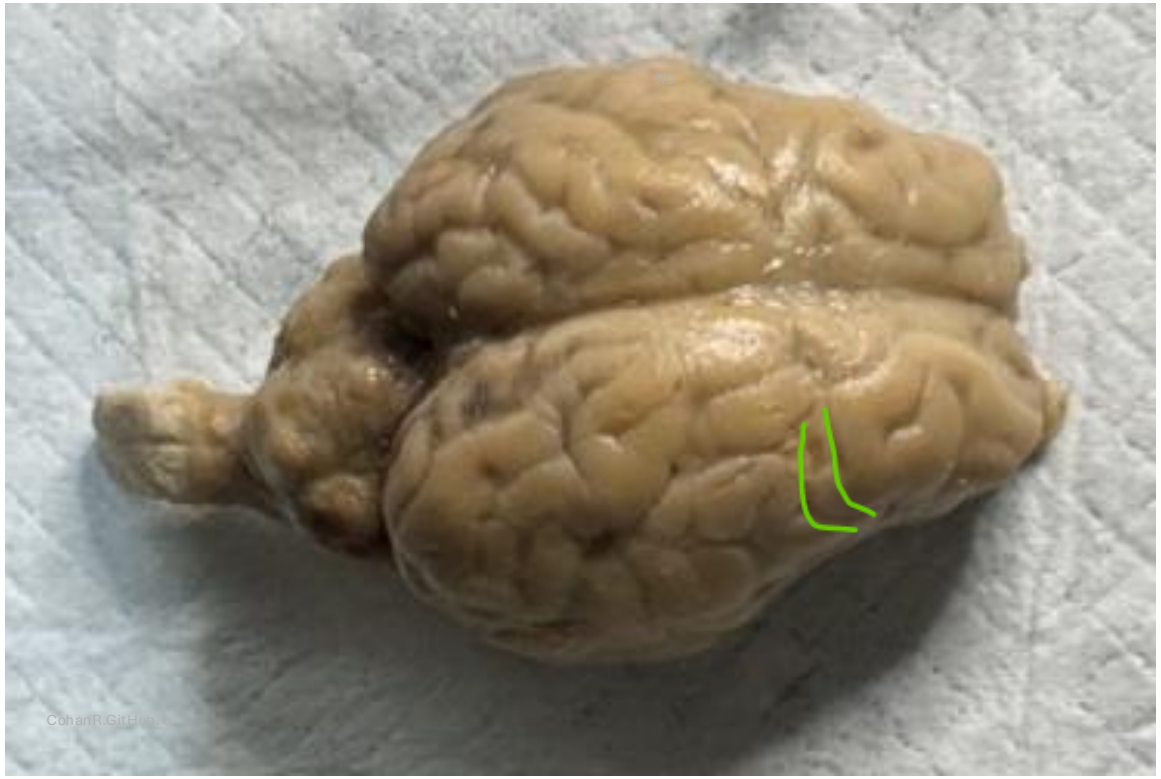


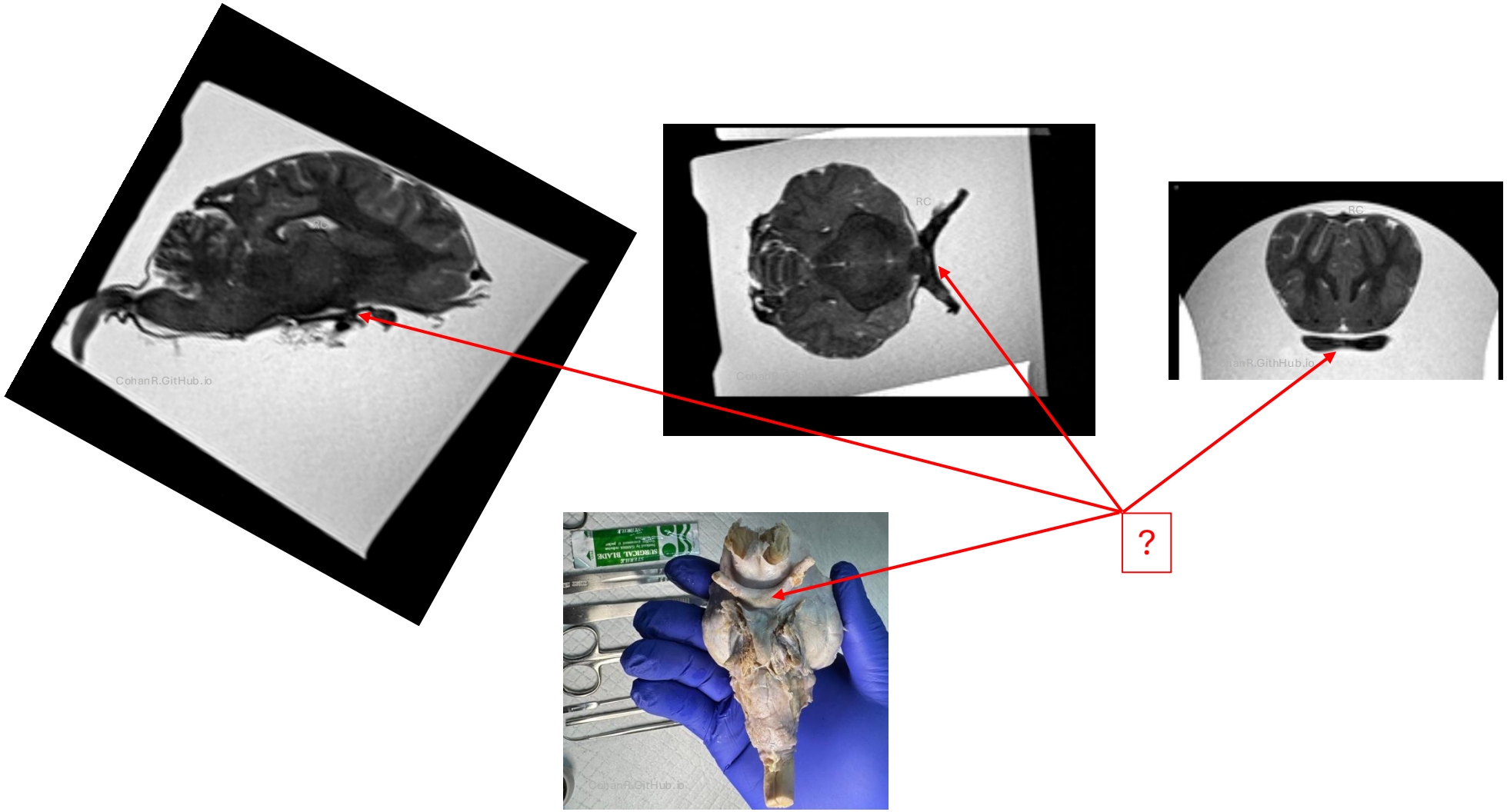


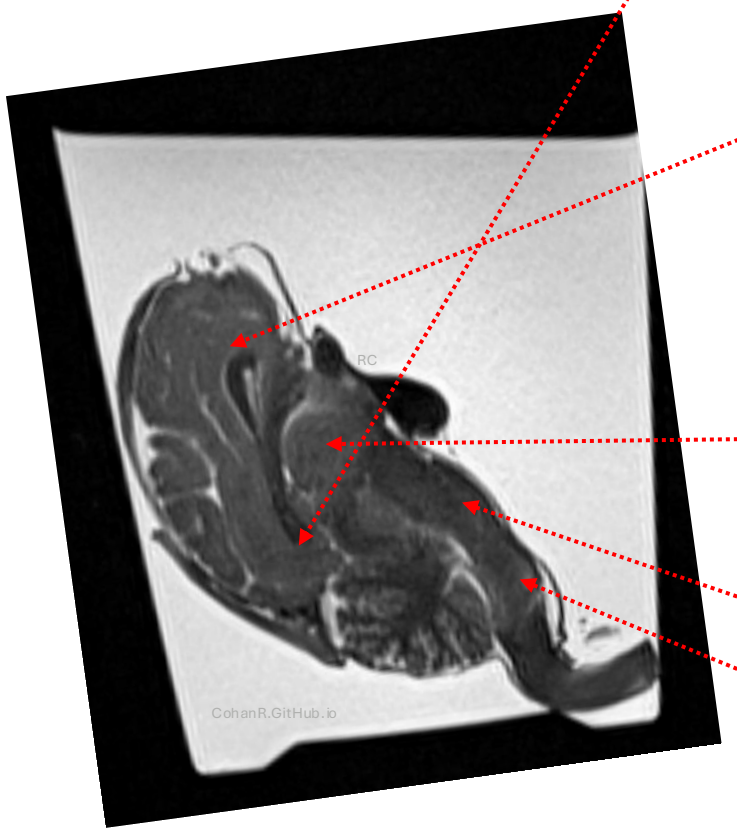












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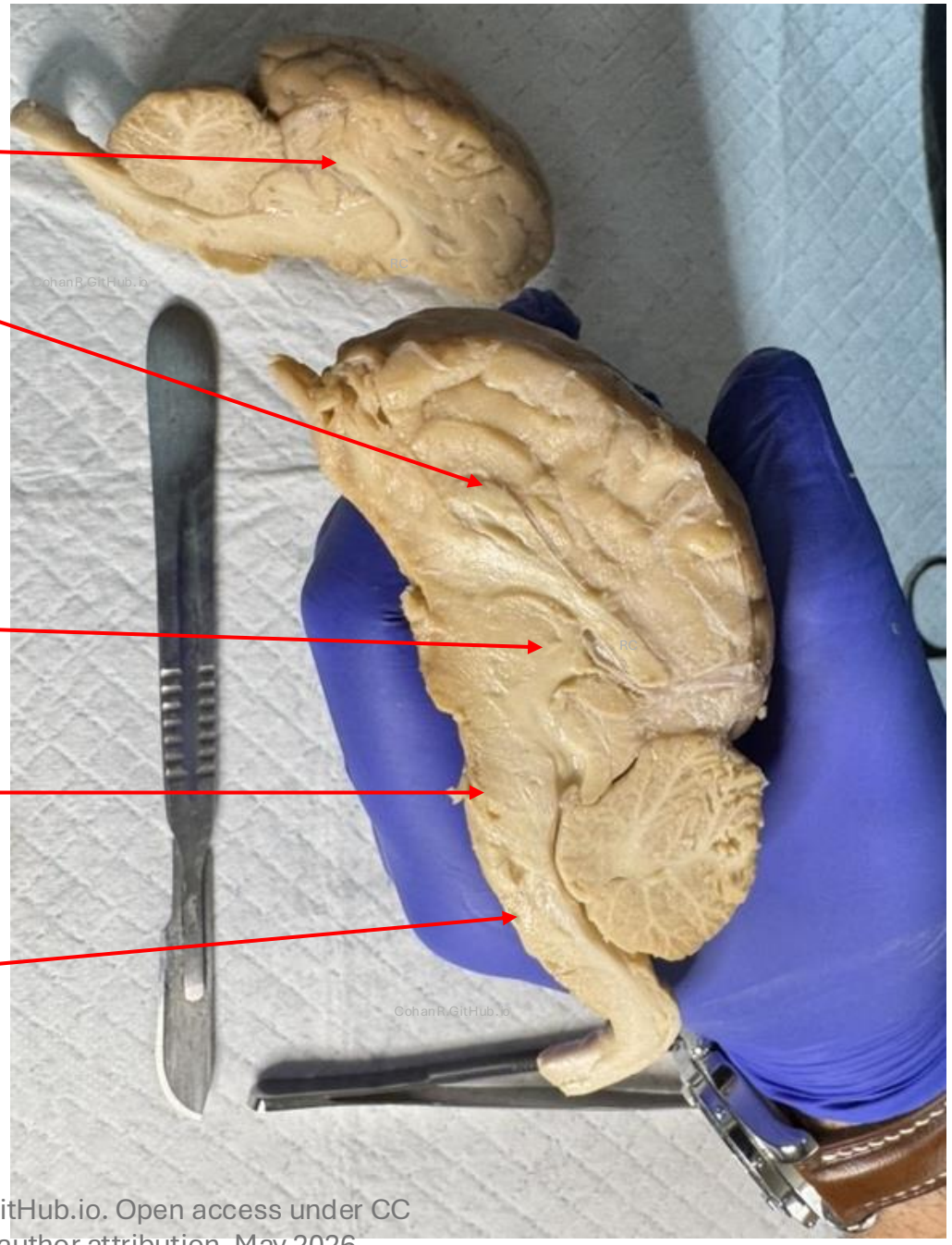

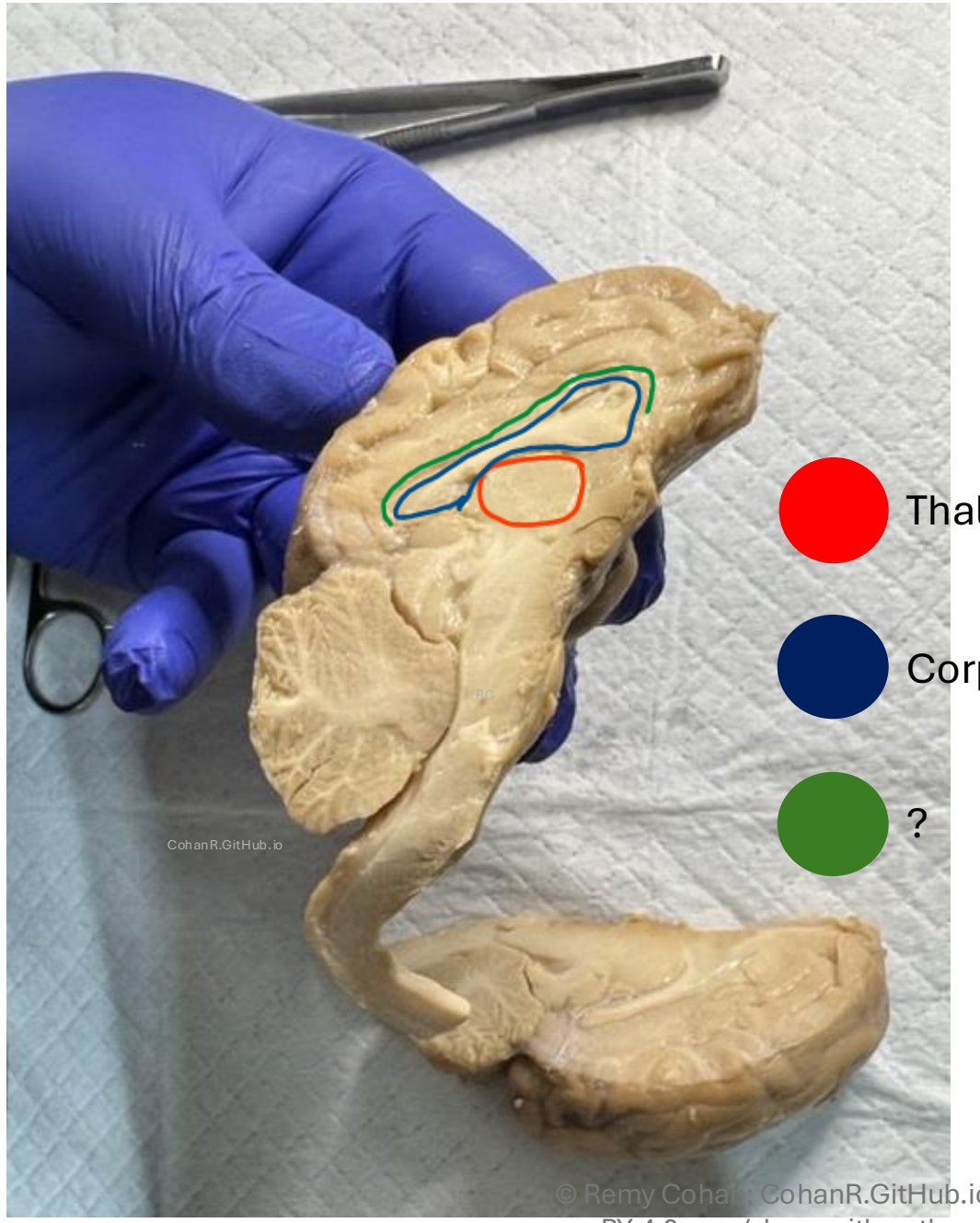

Thalamus

Corpus Callosum

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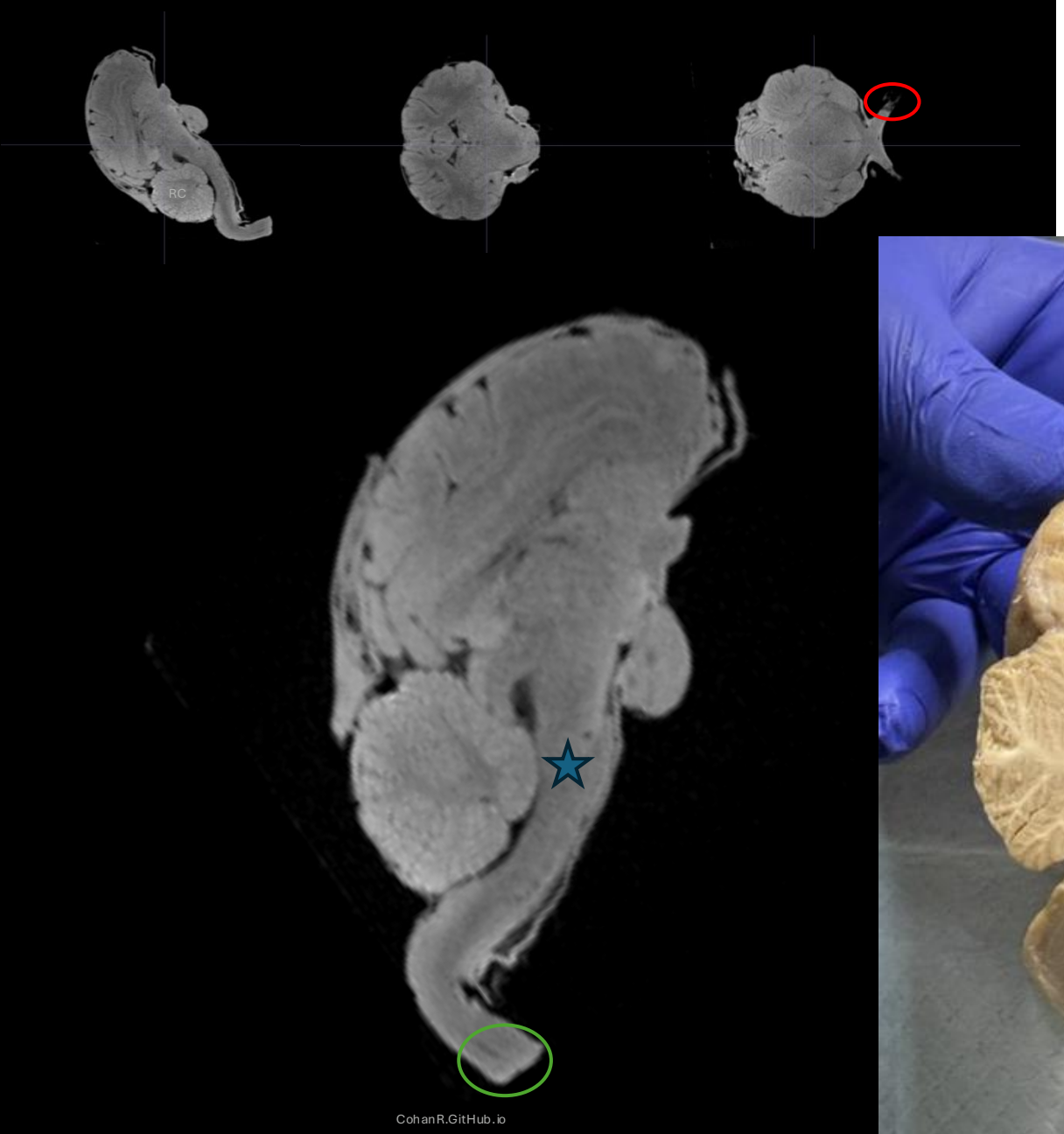
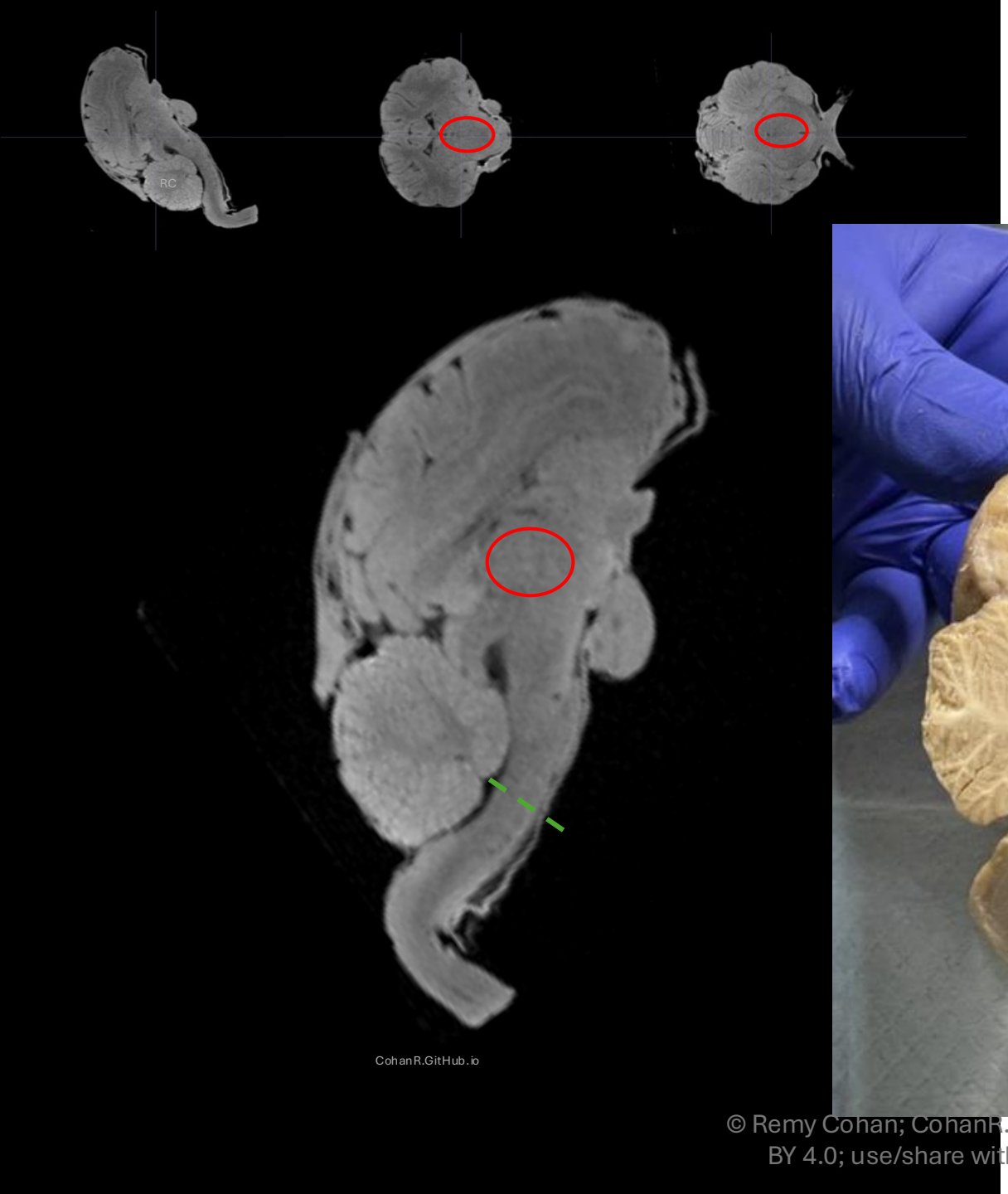
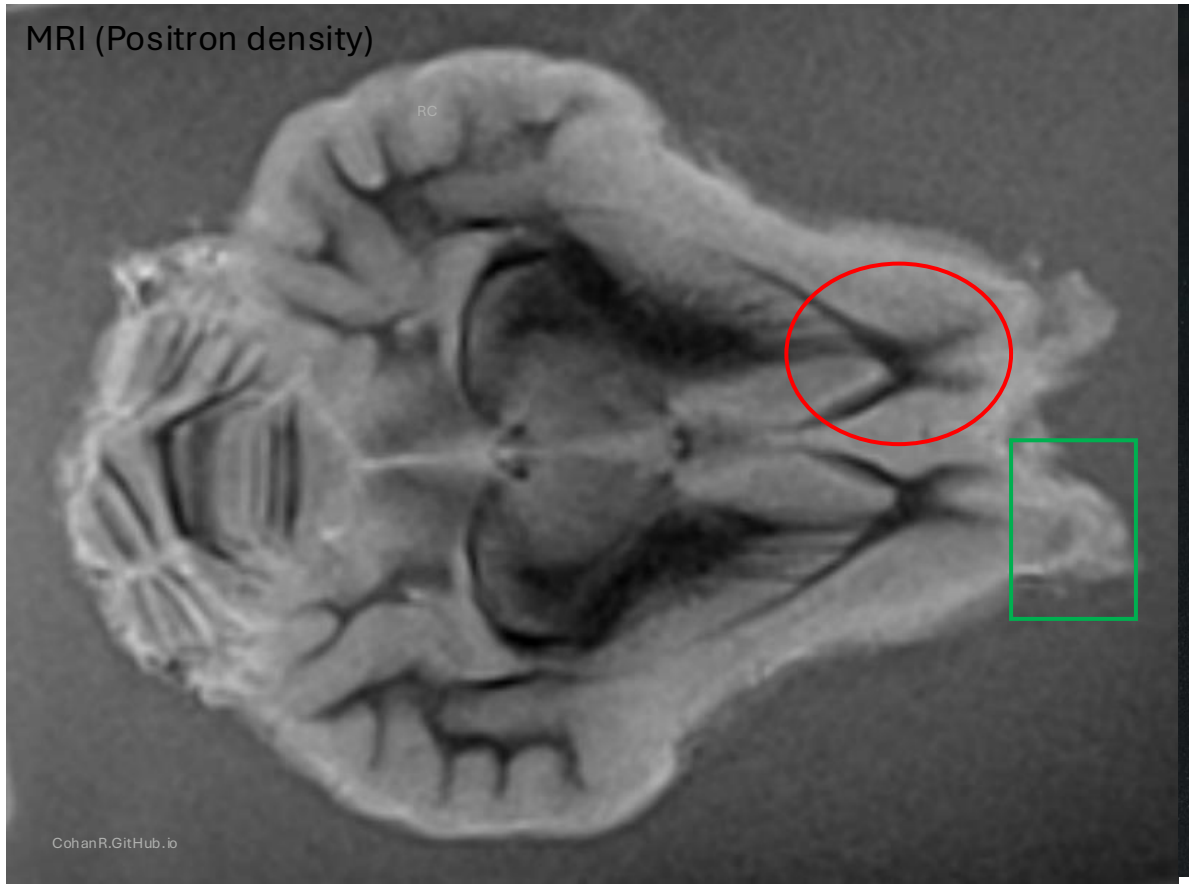
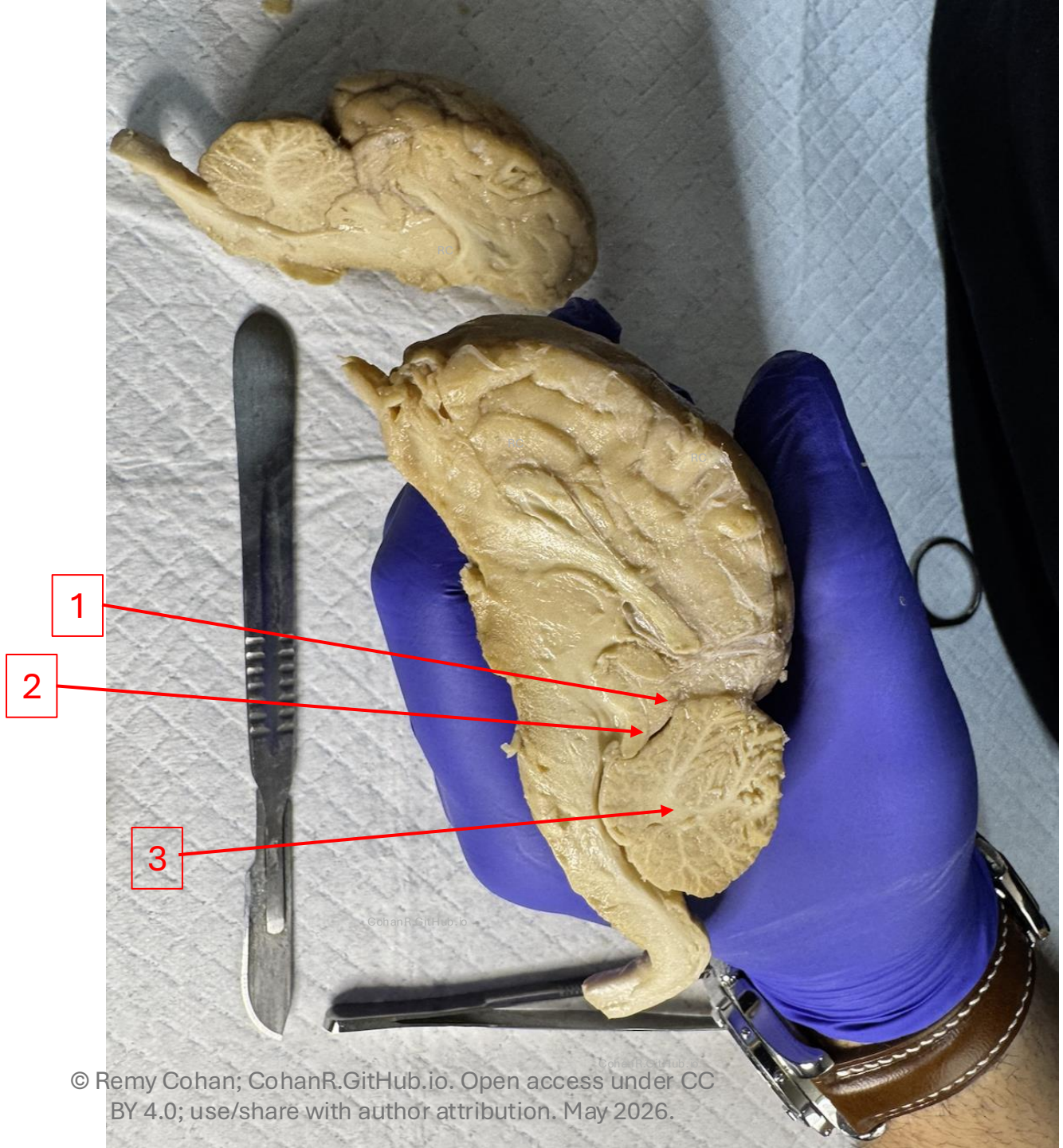
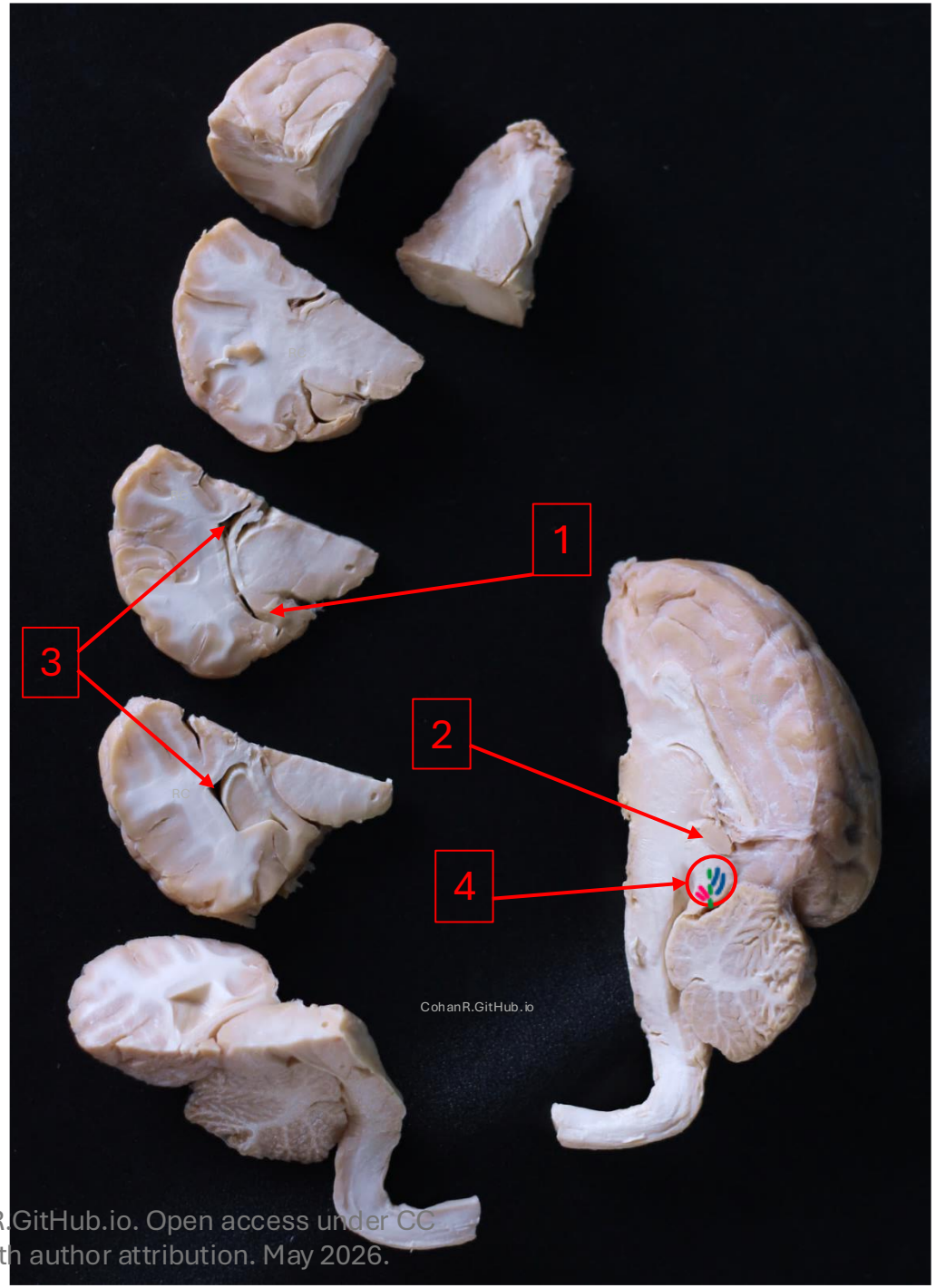
10

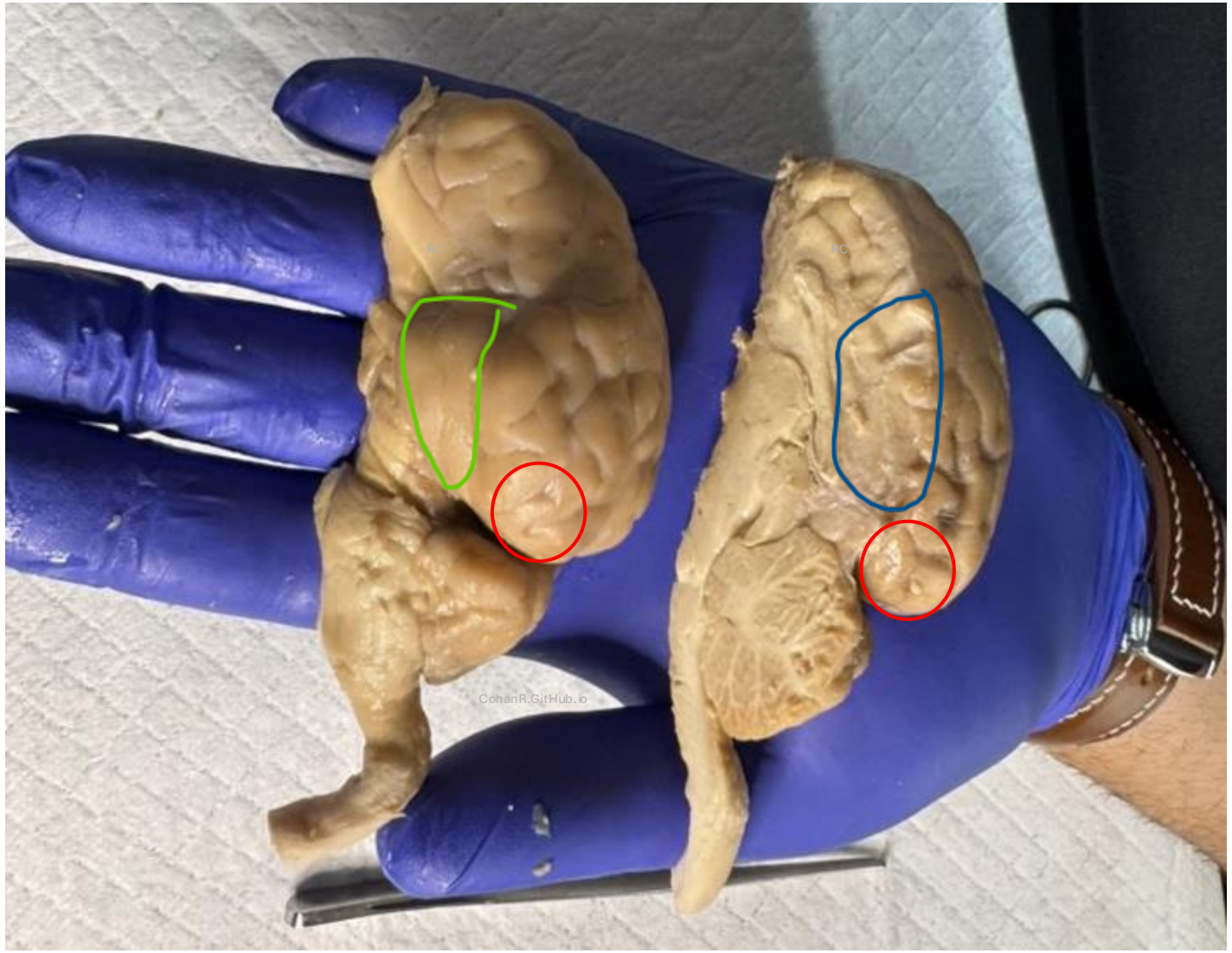




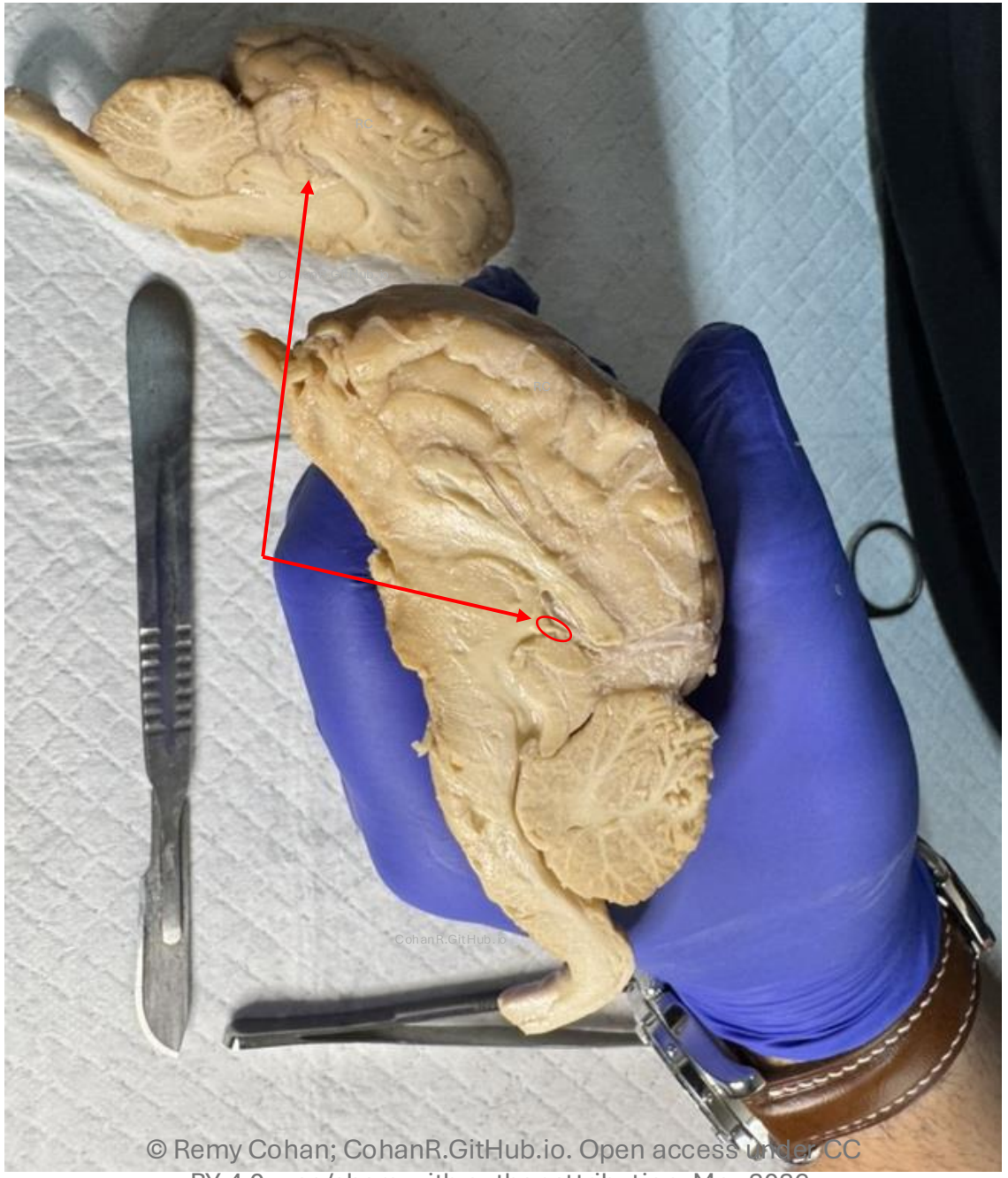


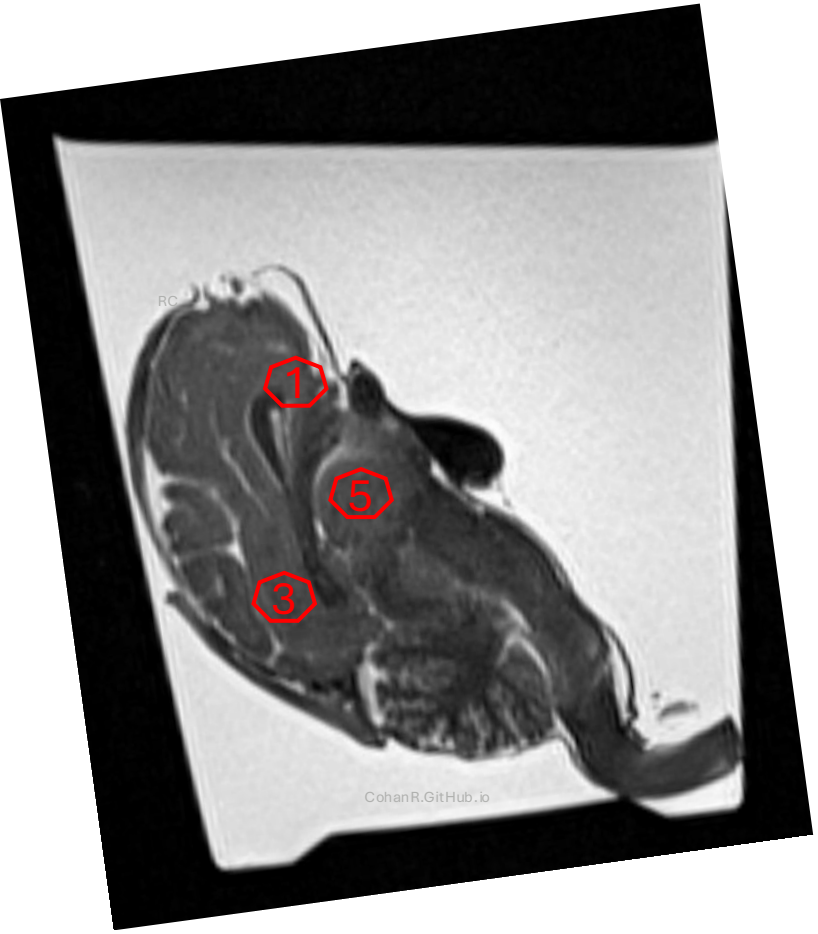


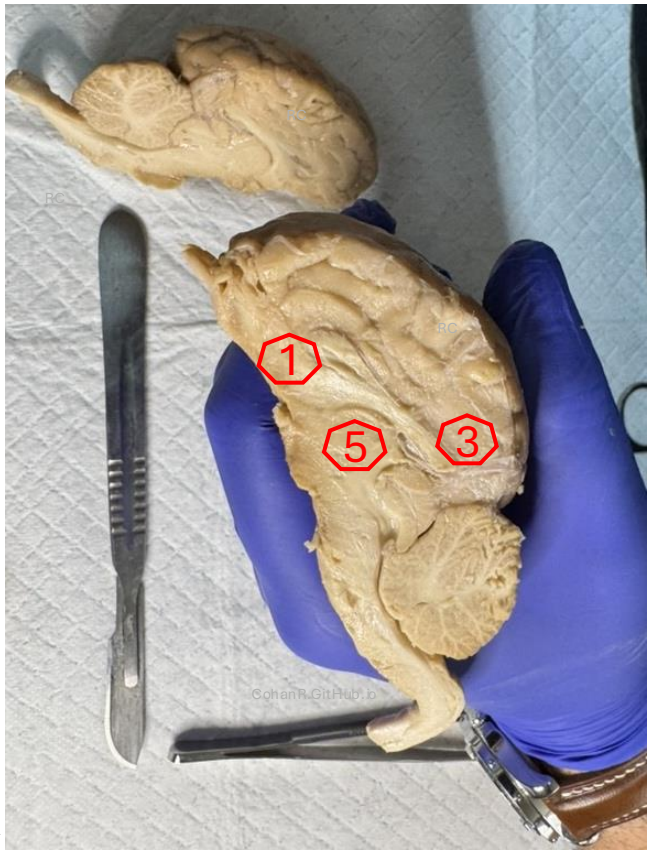


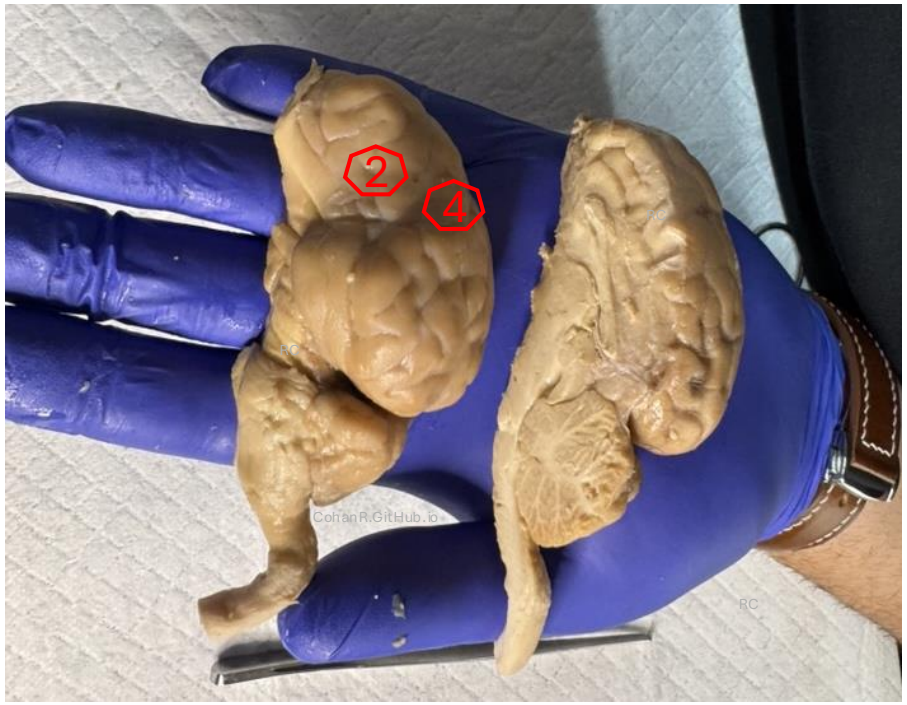


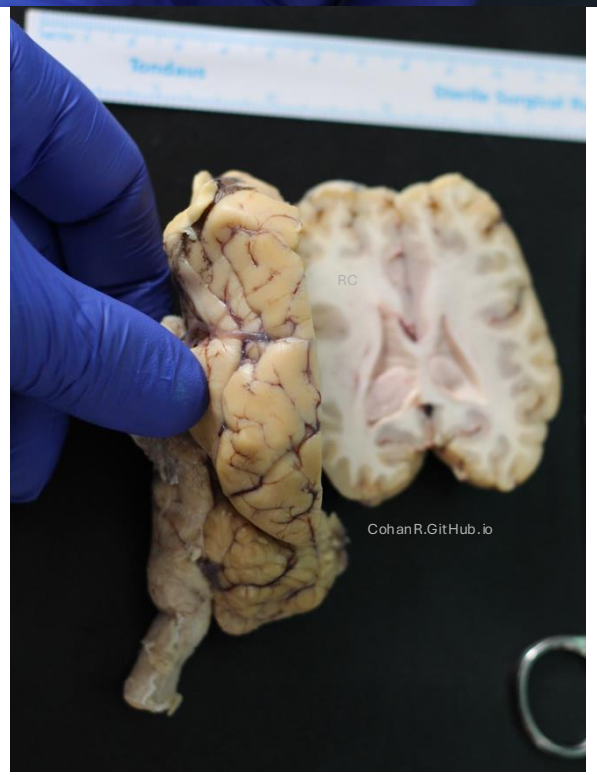
Question 17

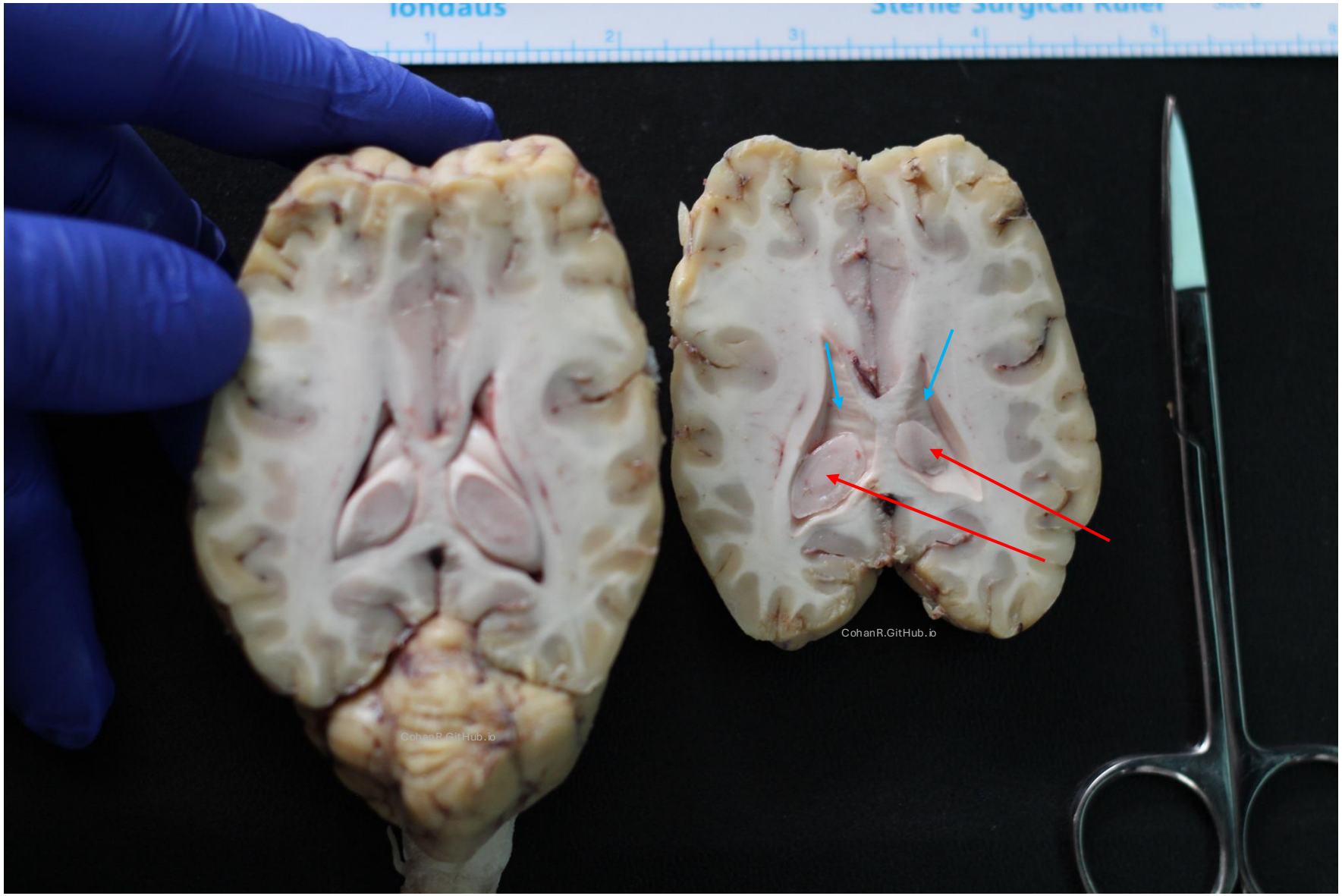


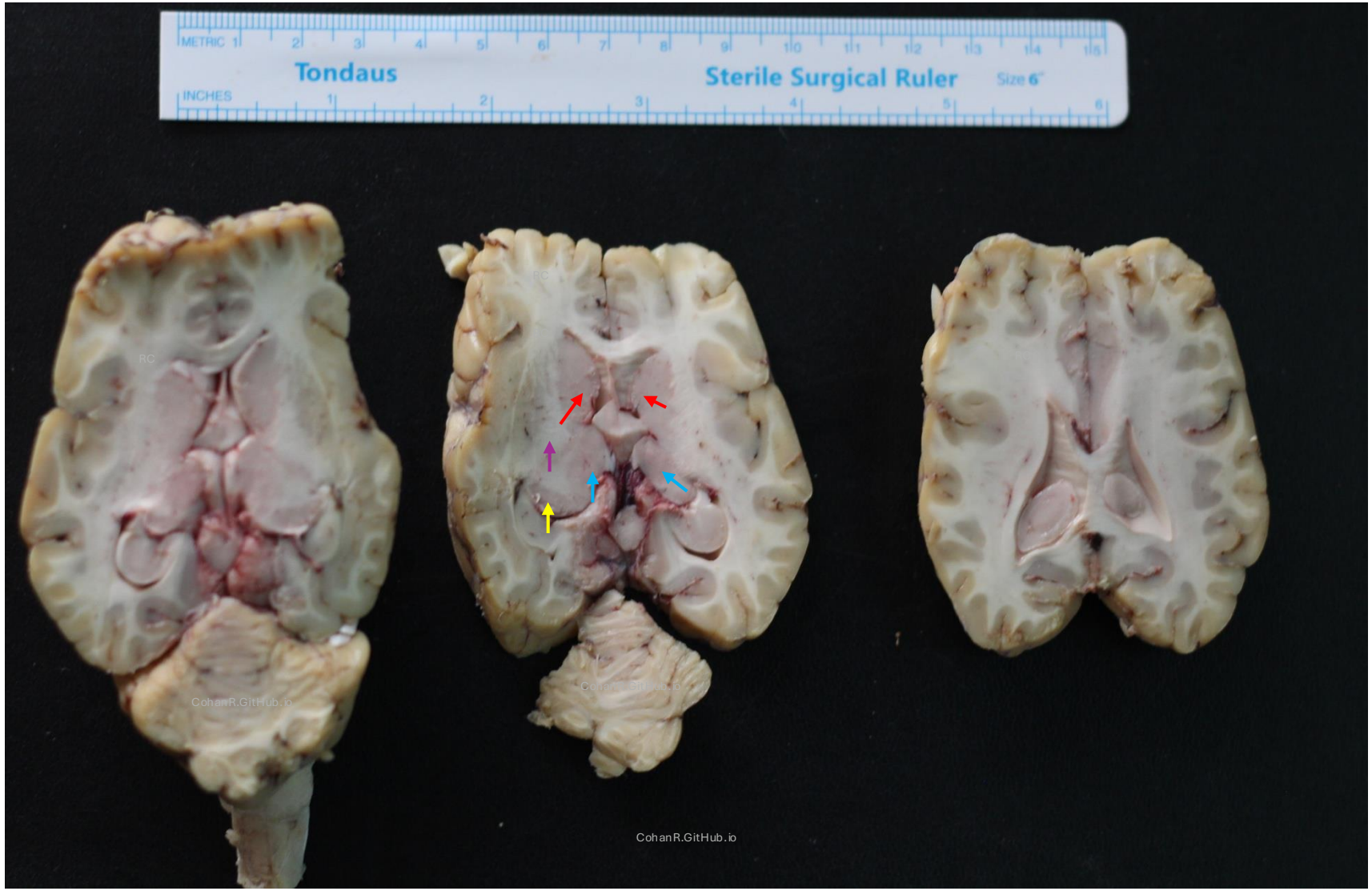












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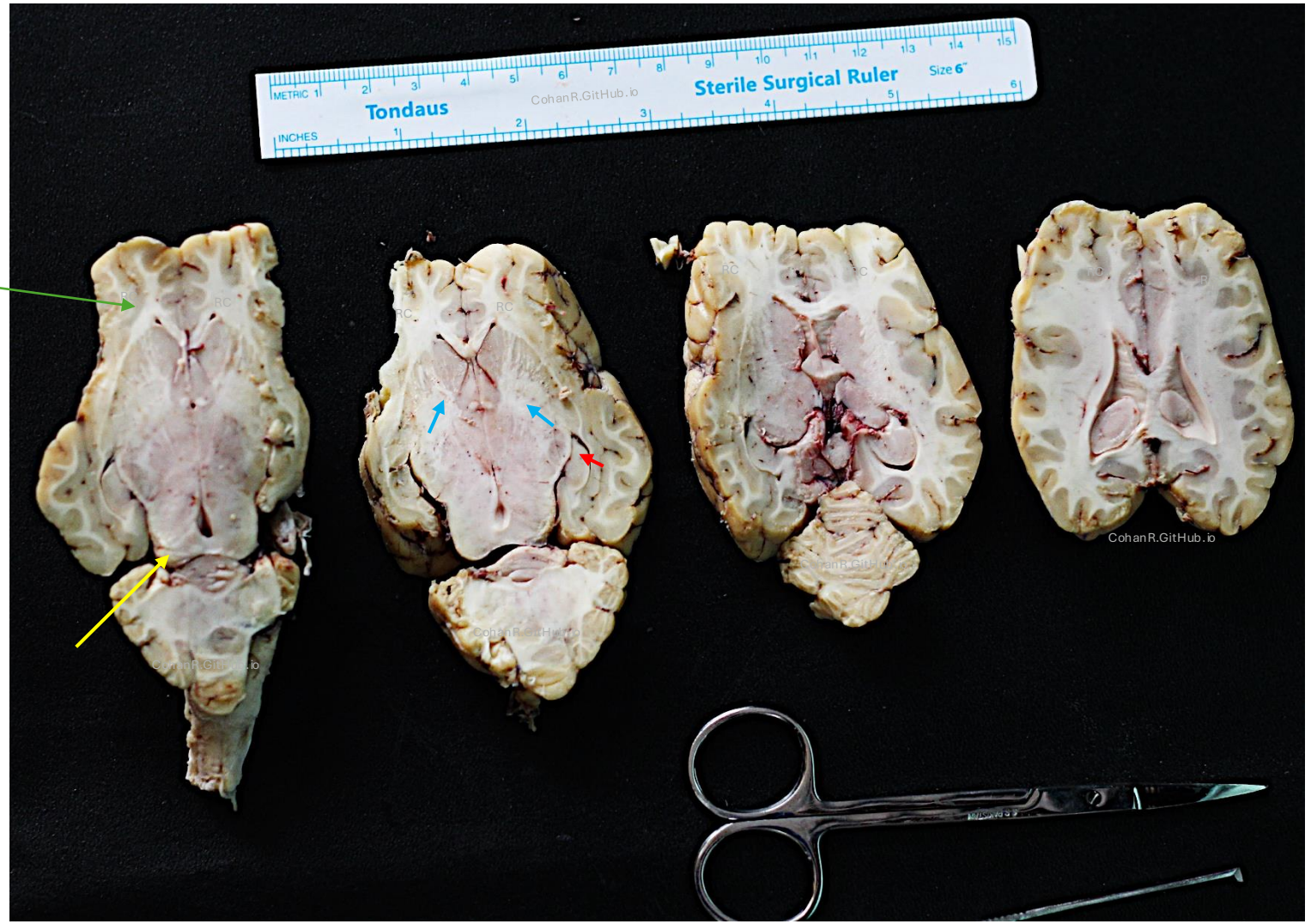

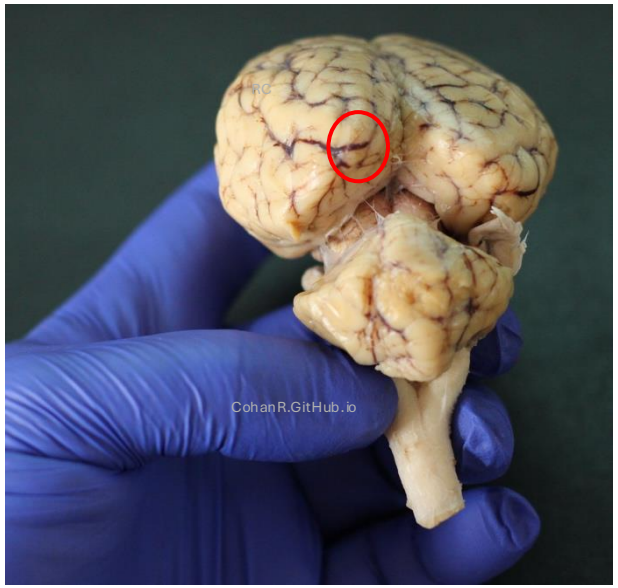

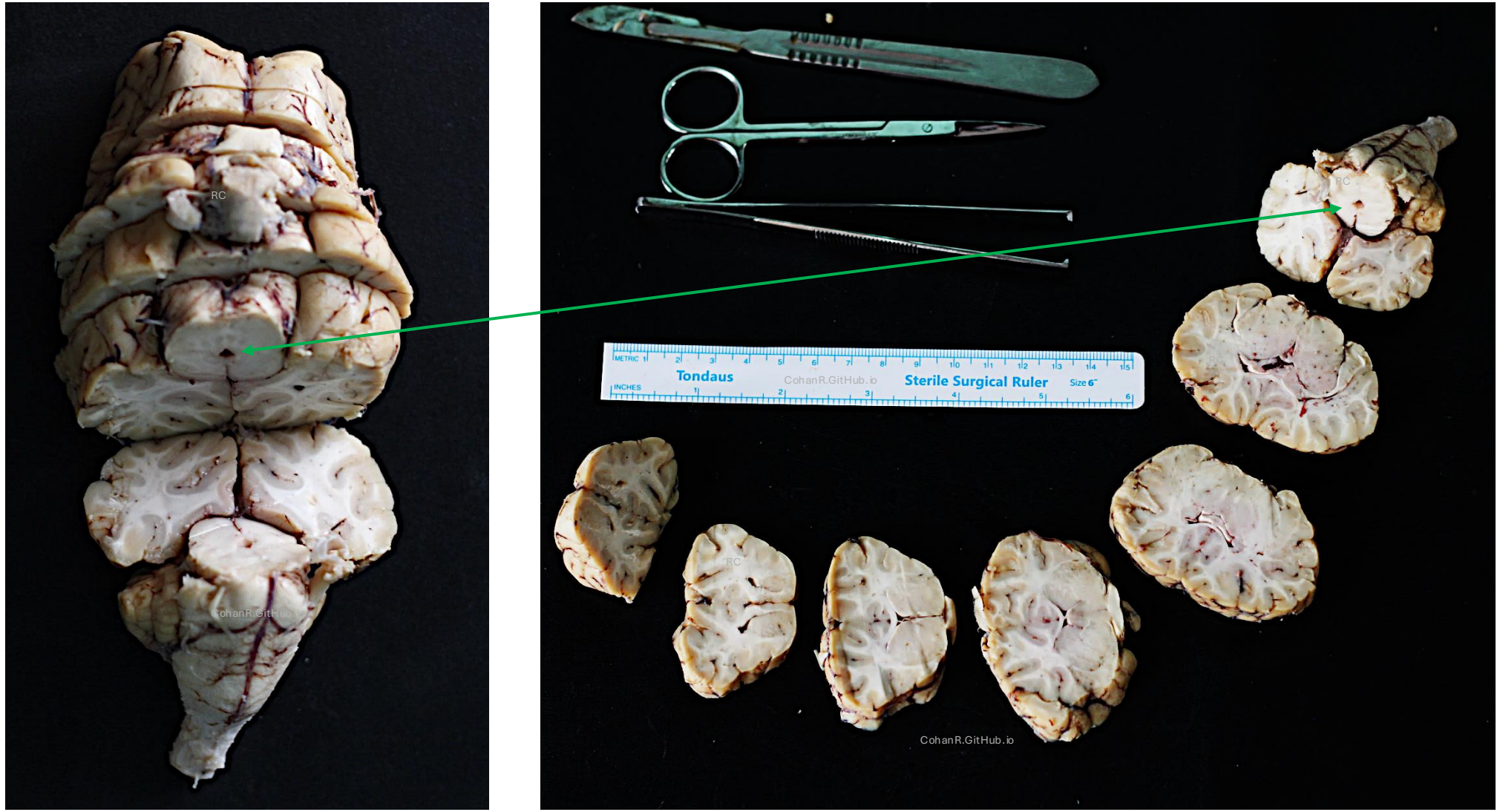

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