

Aplicación de puntos craneométricos y neuroimágenes en la cirugía cerebral tumoral

Autores: Díaz Agustín Ignacio, Herrera Juan Martin, Chang Leonardo, Gallardo Federico, Núñez Maximiliano, Rubino Pablo

Objetivo

- Demostrar la aplicación de los puntos craneométricos basado en conocimientos de anatomía y topografía craneoencefálica.
- La complementación con el uso del neuronavegador y ecógrafo intraoperatorios; en la cirugía de tumores cerebrales.

Material y método

- Historias clínicas de pacientes intervenidos por tumores supratentoriales en el hospital El Cruce entre Enero 2017 y Julio 2018.
- Fotografías de disecciones cadavéricas realizadas en el laboratorio de la universidad de Florida (Dr. Albert Rothern) por coautores.

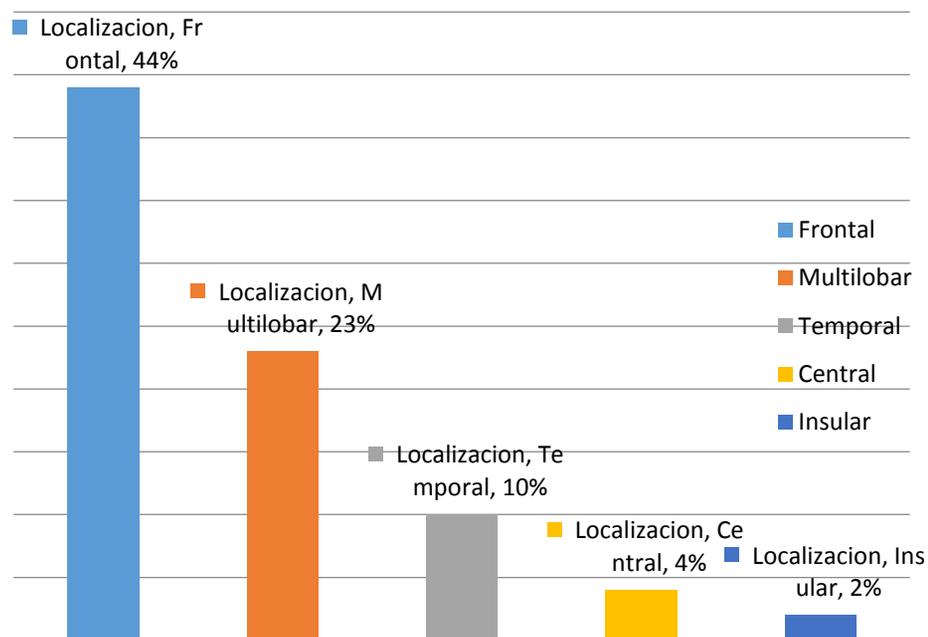
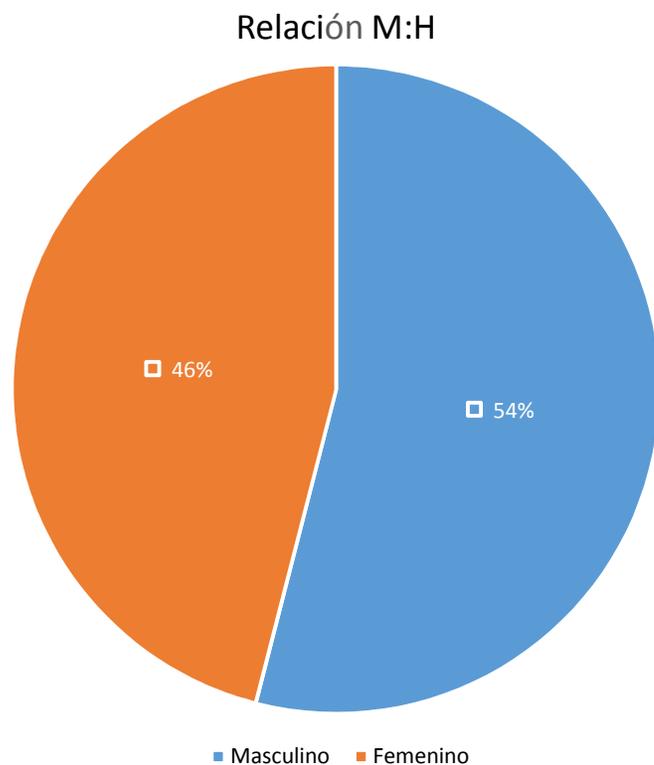
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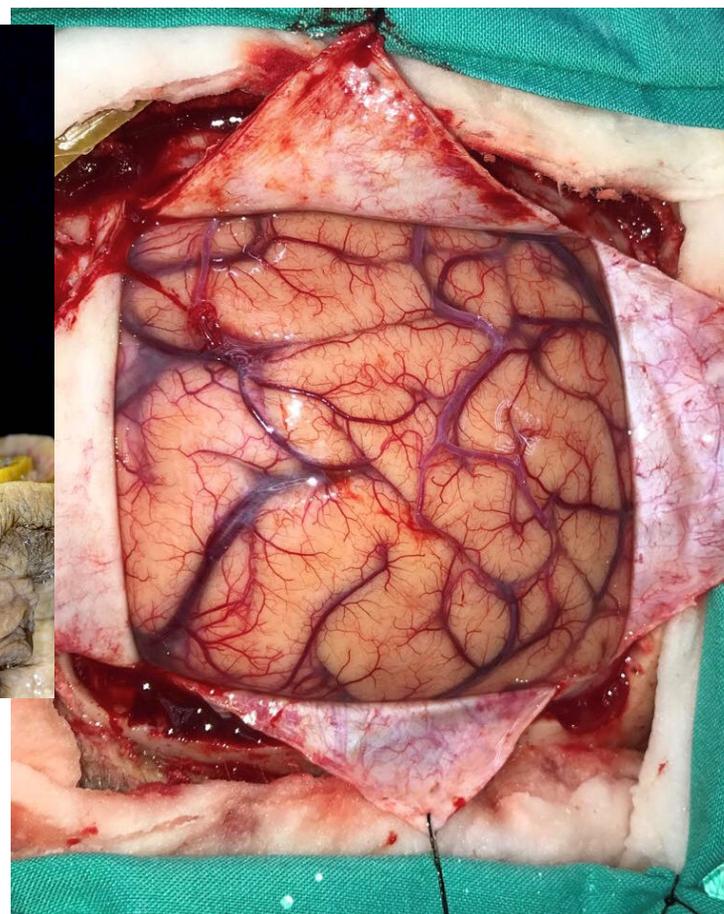
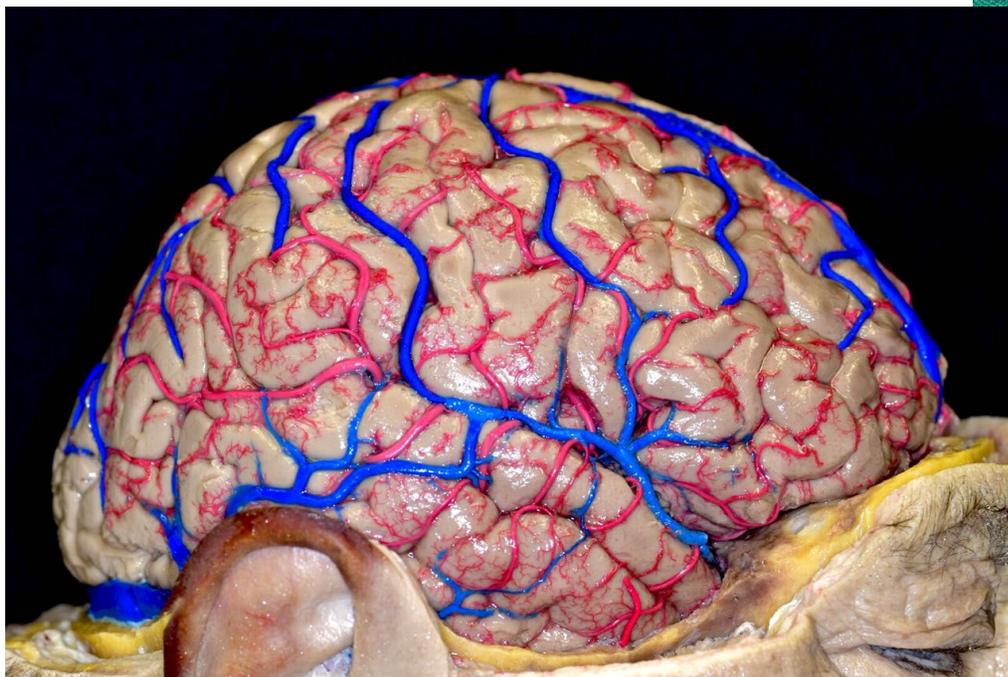
- Planificación anatómica de la craneotomía a realizar utilizando los puntos craneométricos descritos por el Dr. Guilherme Carvalhal Ribas.

Guilherme C. Ribas, M.D. Department of Surgery, University of São Paulo Medical School, São Paulo, Brazil	ANATOMIC REPORT
Alexandre Yasuda, M.D. Department of Surgery, University of São Paulo Medical School, São Paulo, Brazil	SURGICAL ANATOMY OF MICRONEUROSURGICAL SULCAL KEY POINTS
Eduardo C. Ribas, M.S. Department of Surgery, University of São Paulo Medical School, São Paulo, Brazil	

Resultados

- N°: 60
- Rango etario: 1 a 82 años de edad. Promedio: 45.5 años

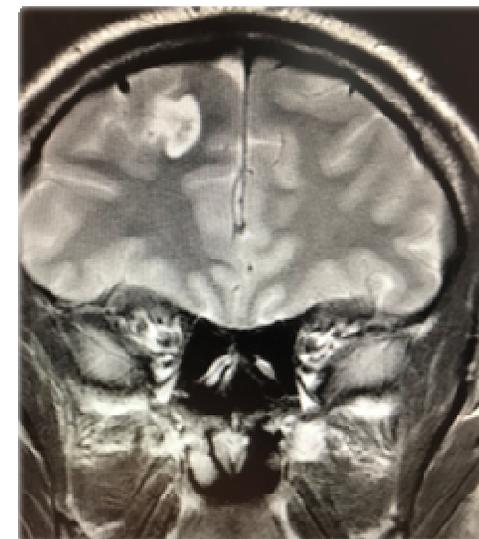
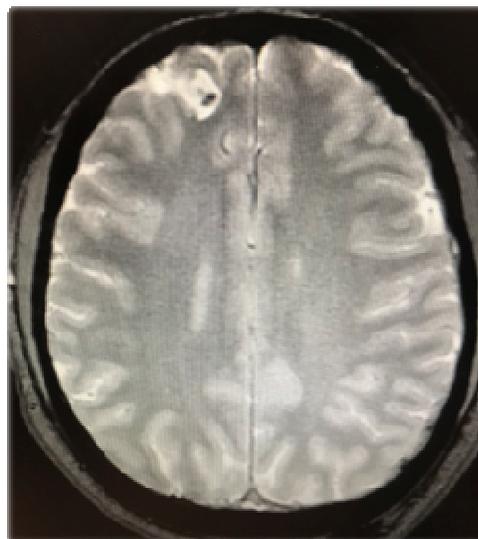
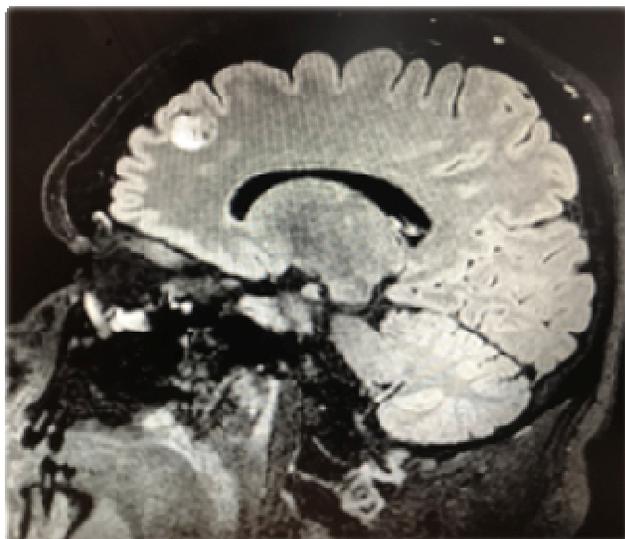
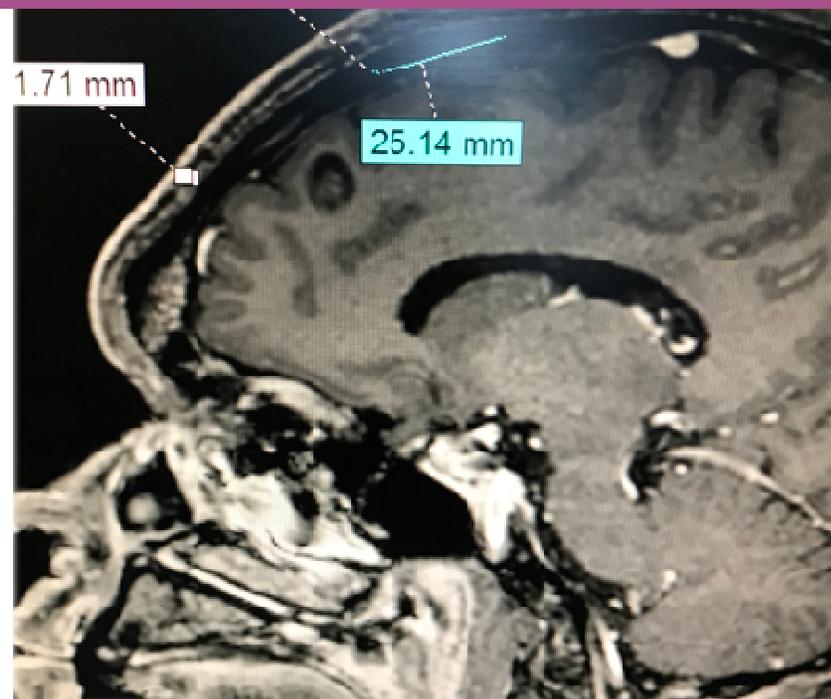
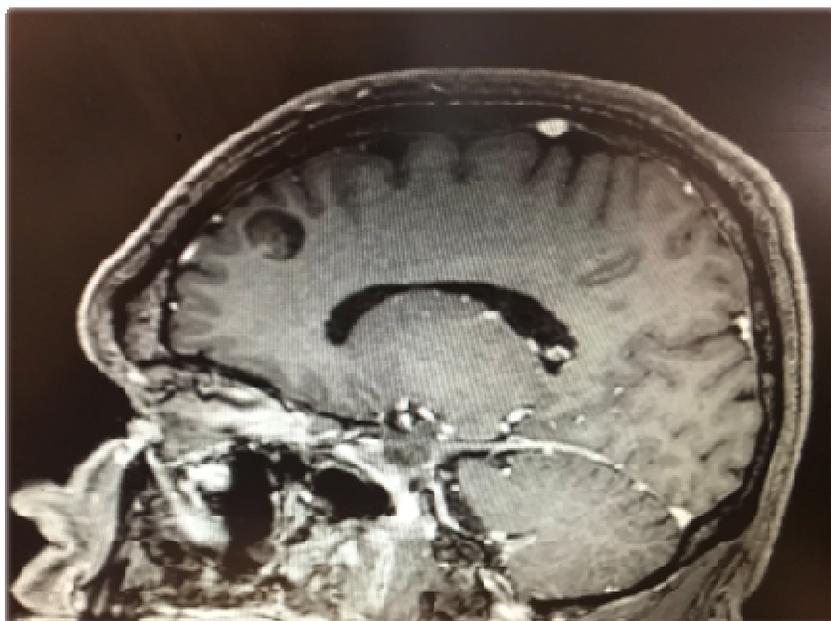




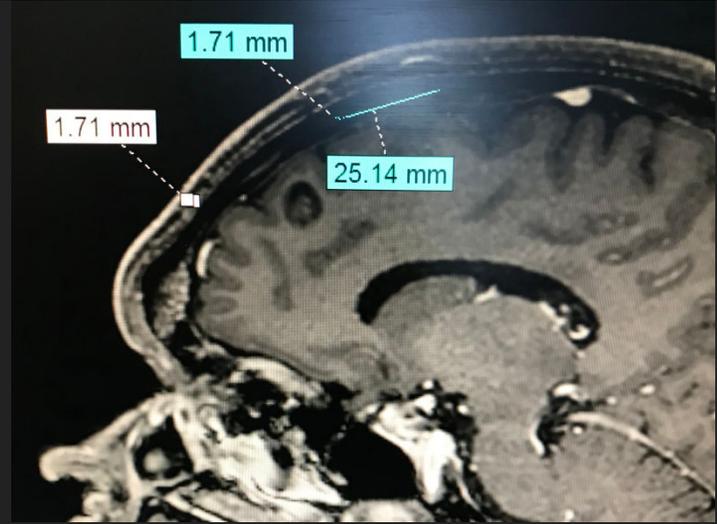
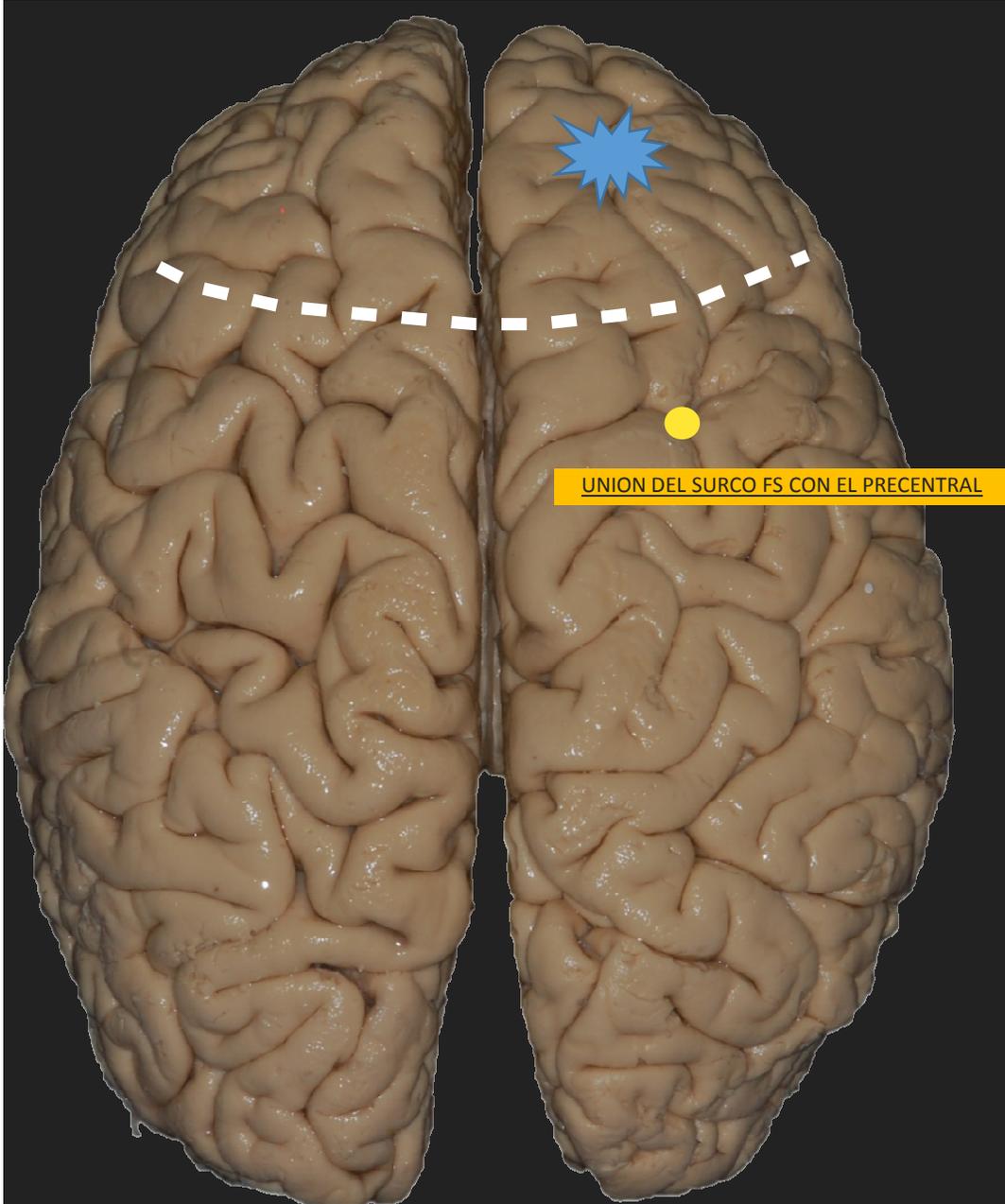
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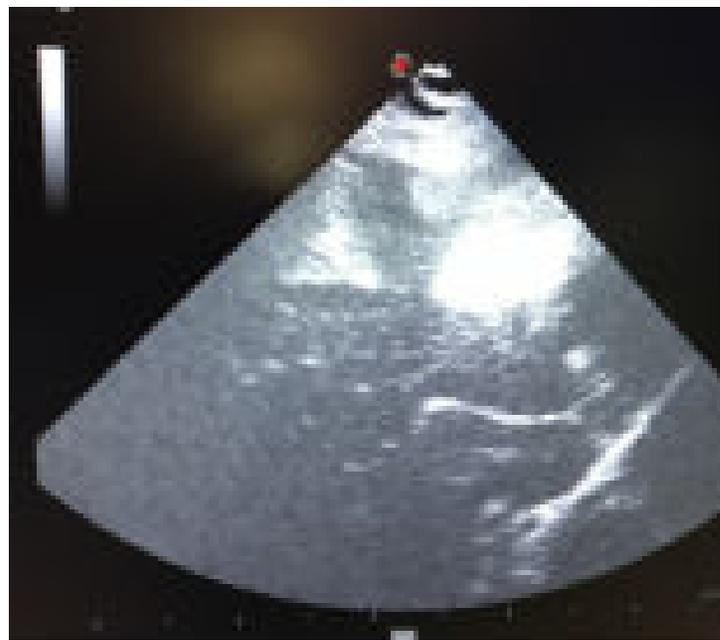
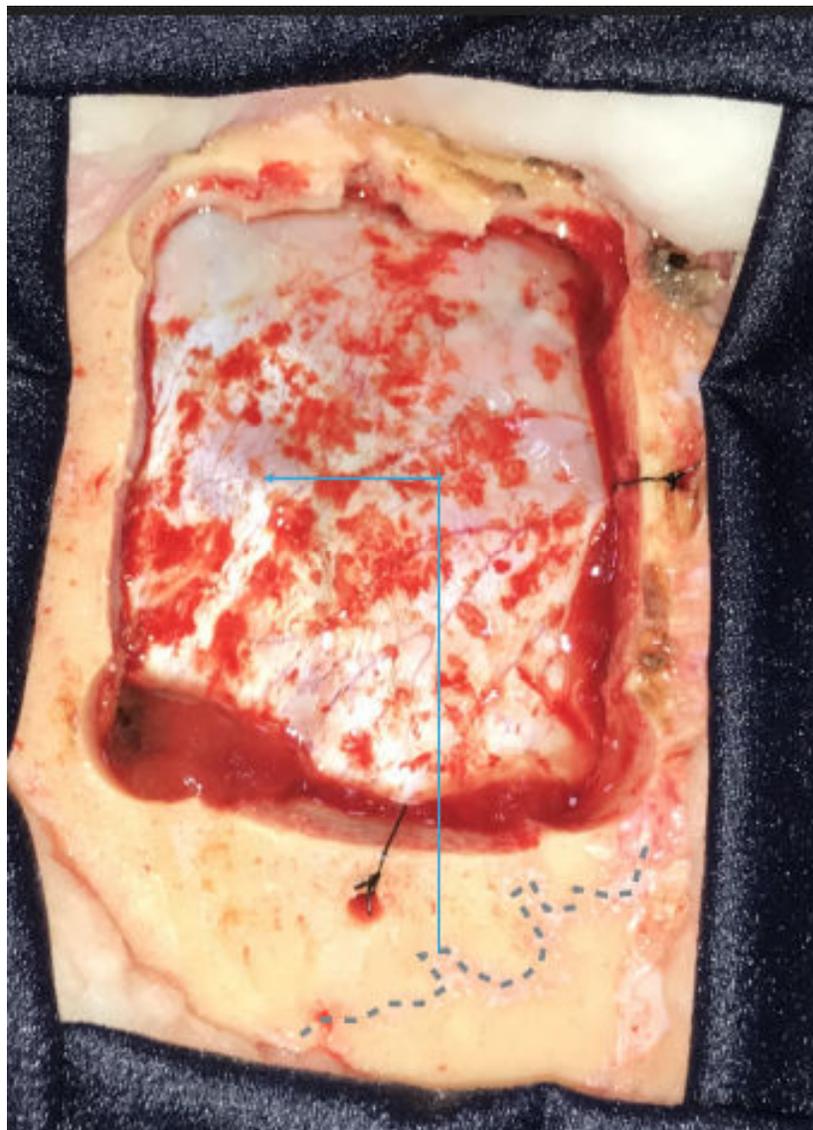


Presentación de casos

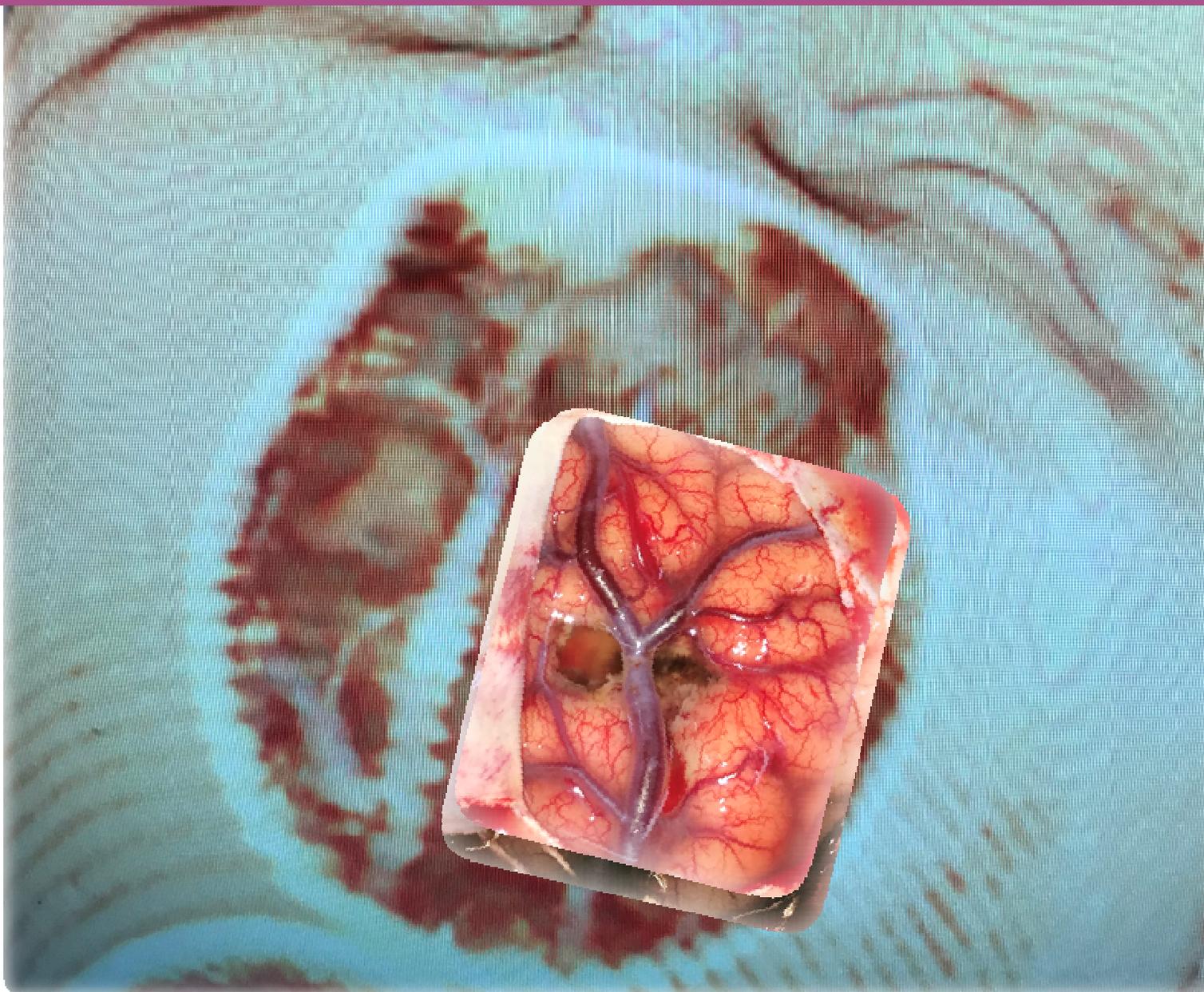


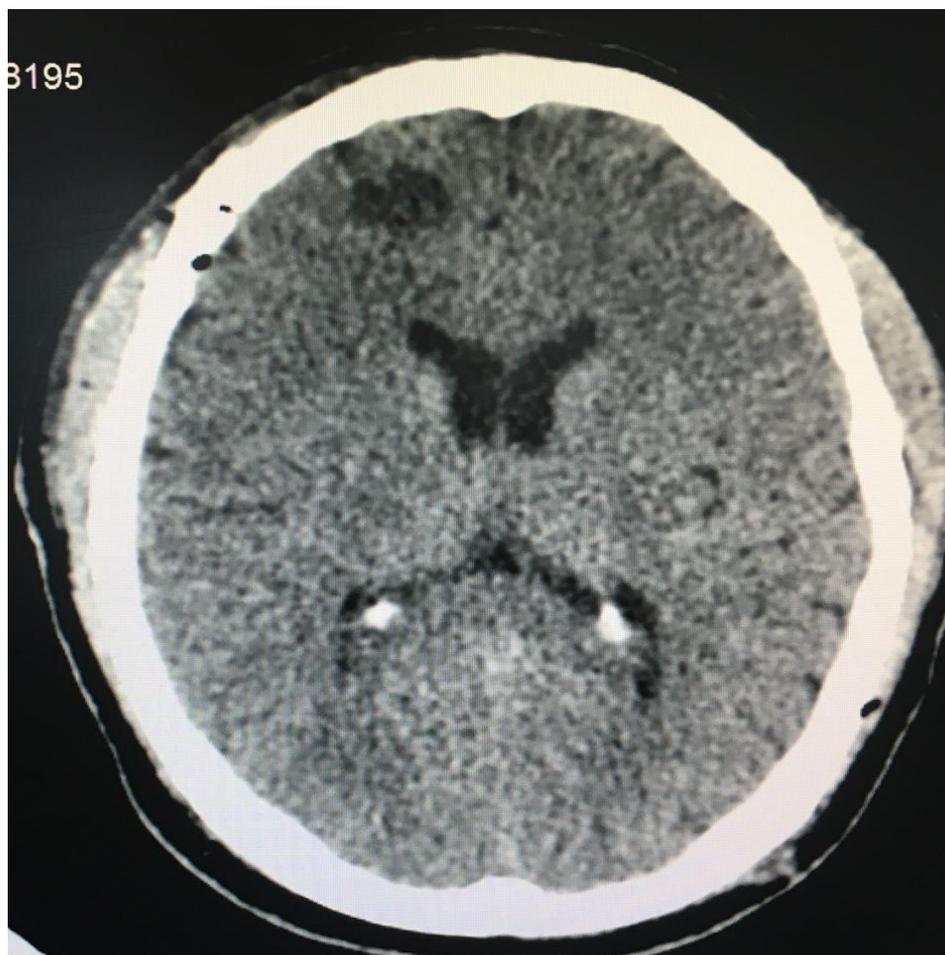
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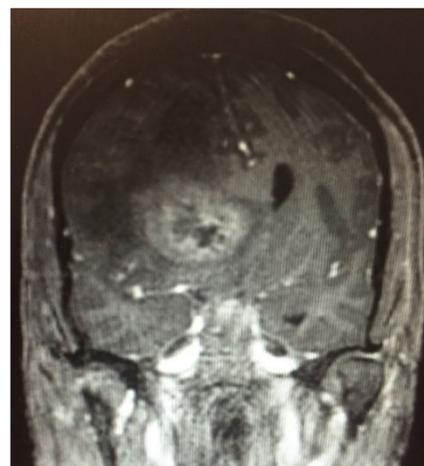
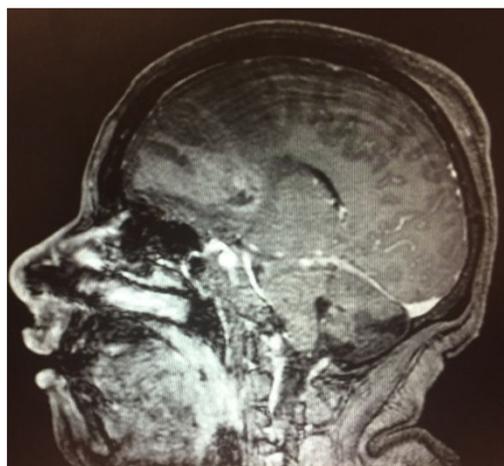
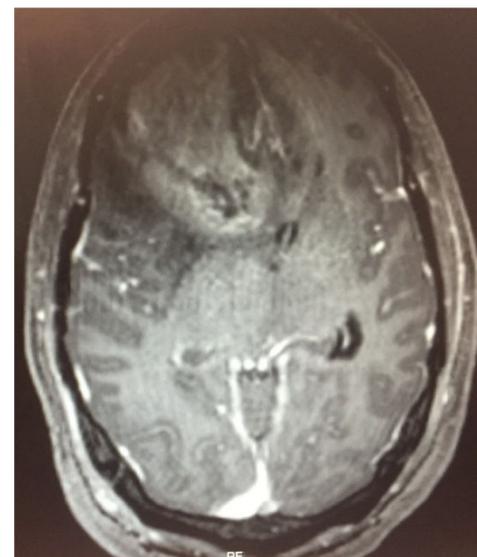
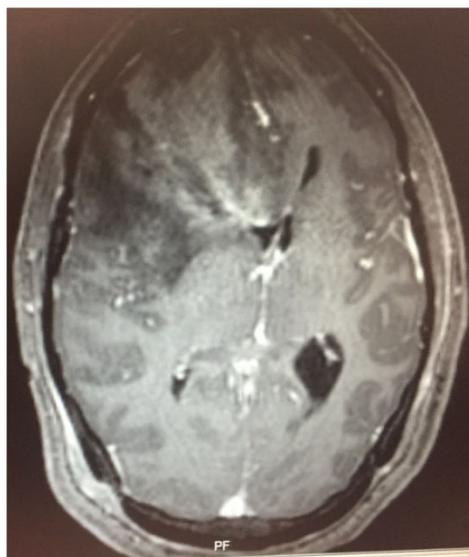
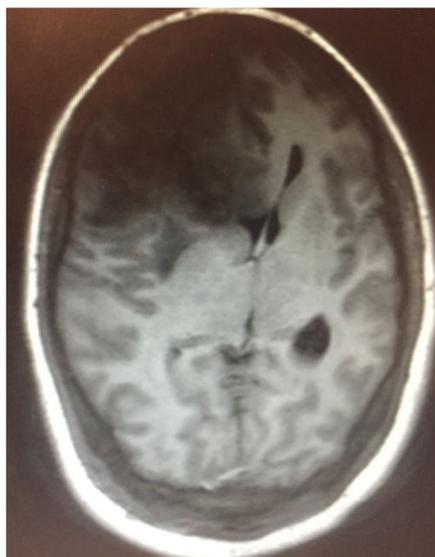


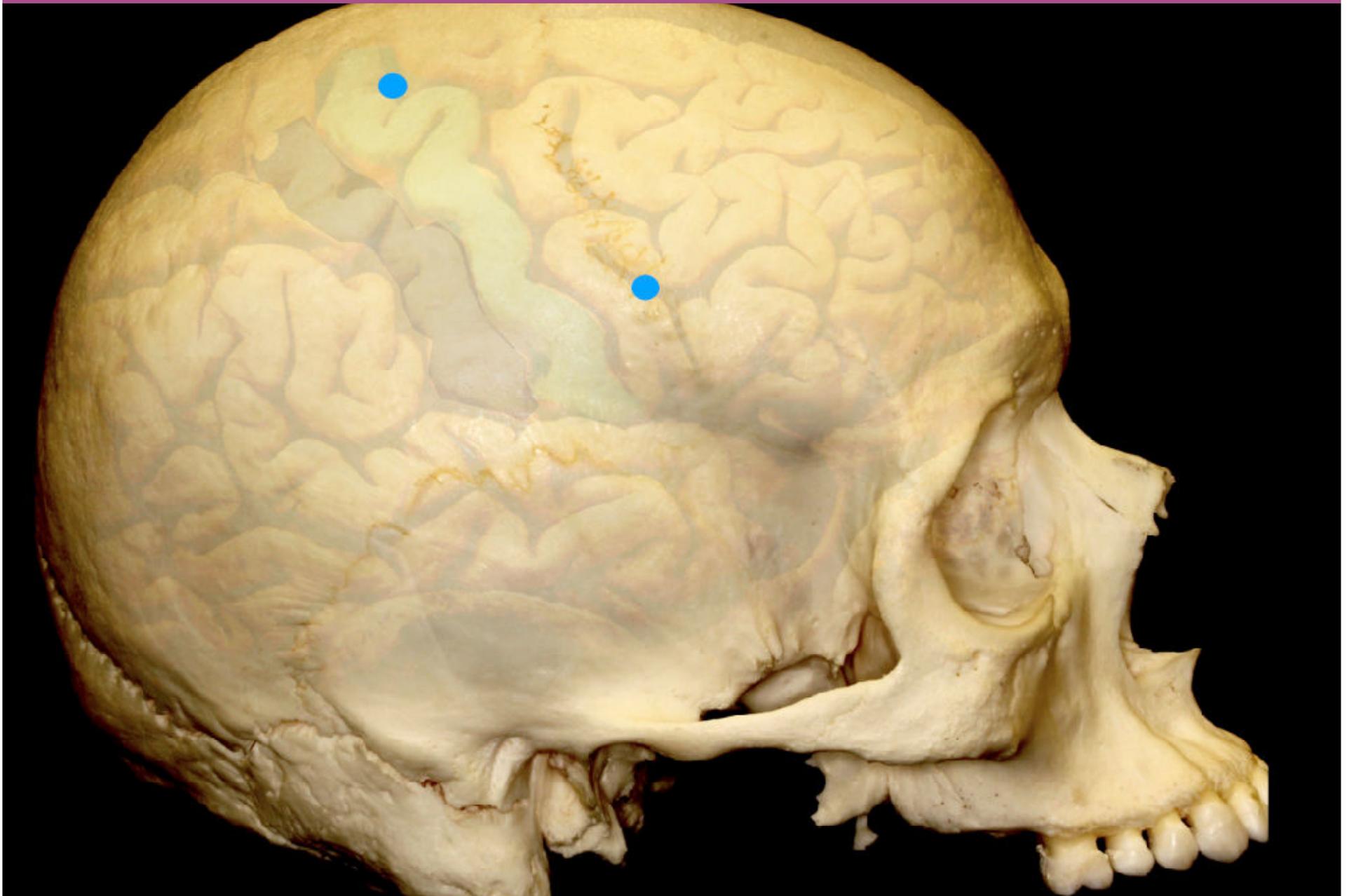
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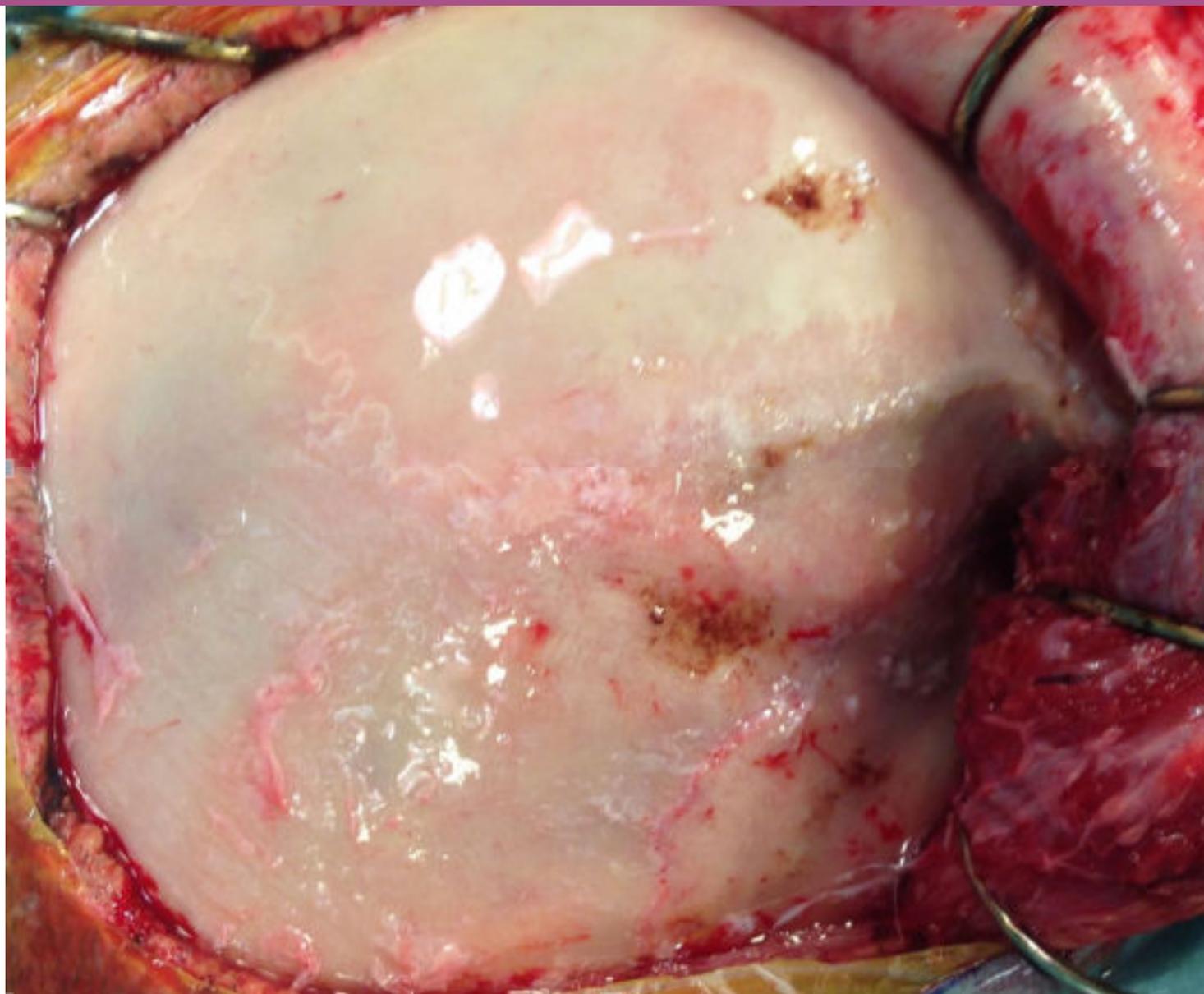


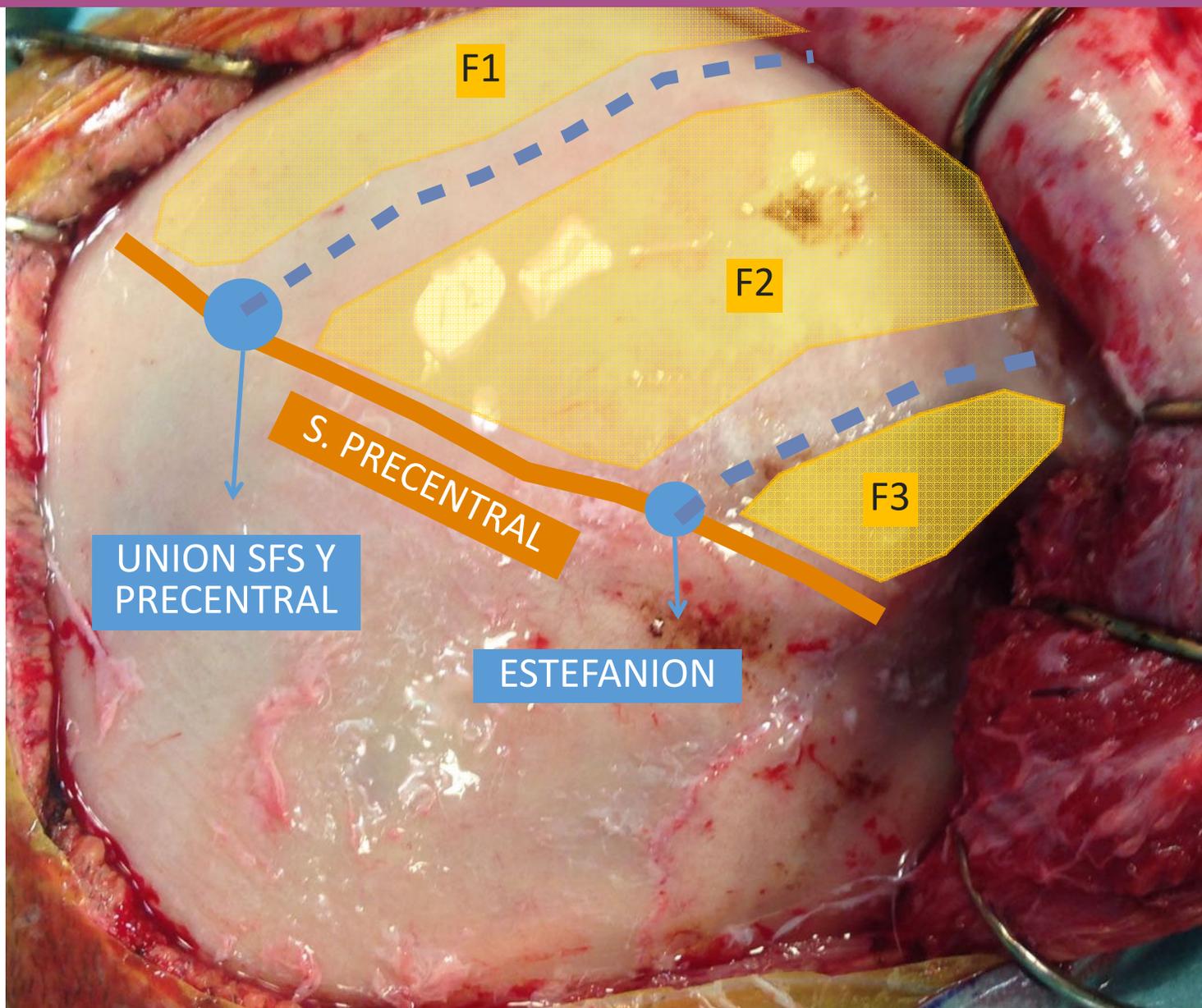


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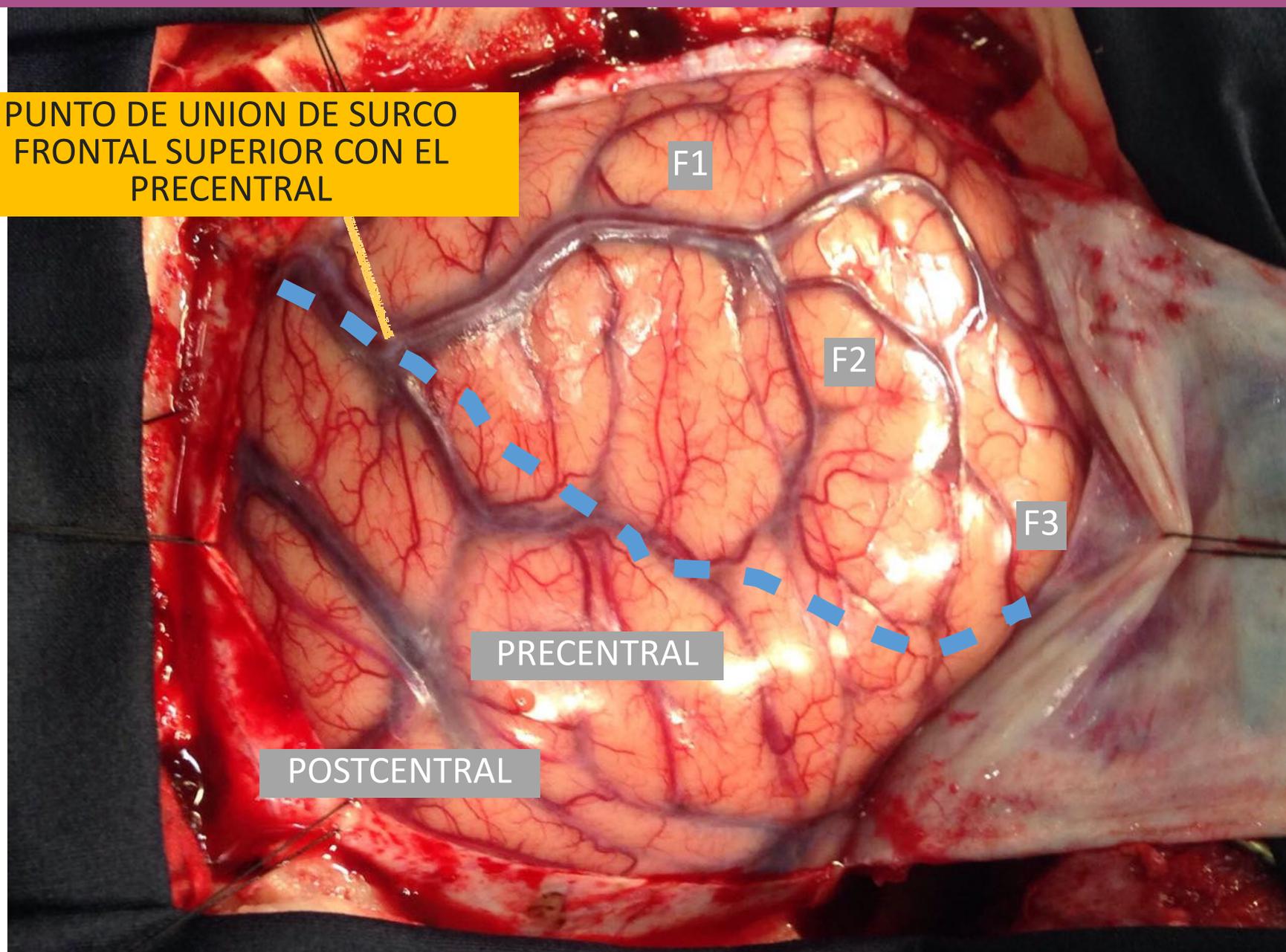




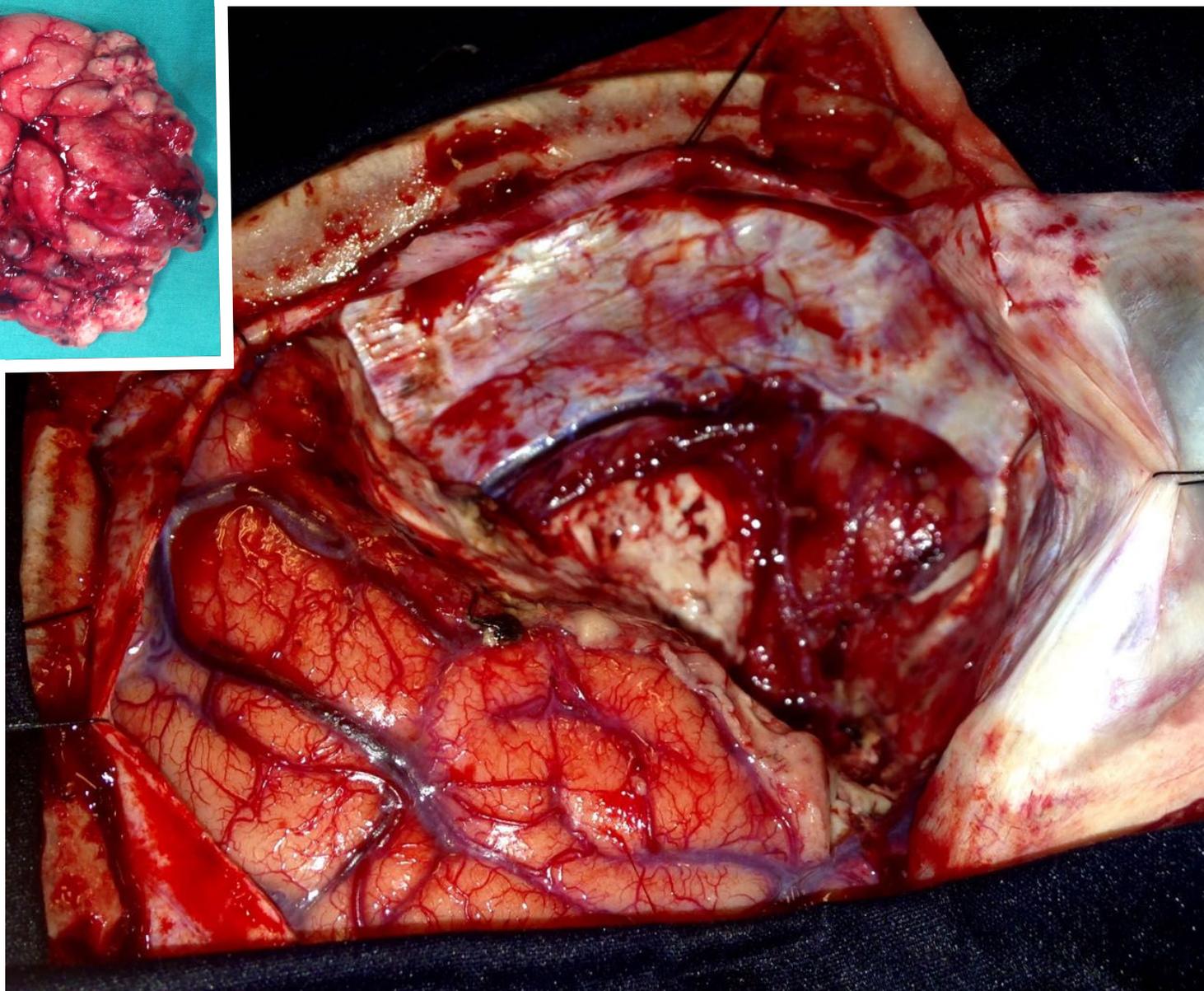
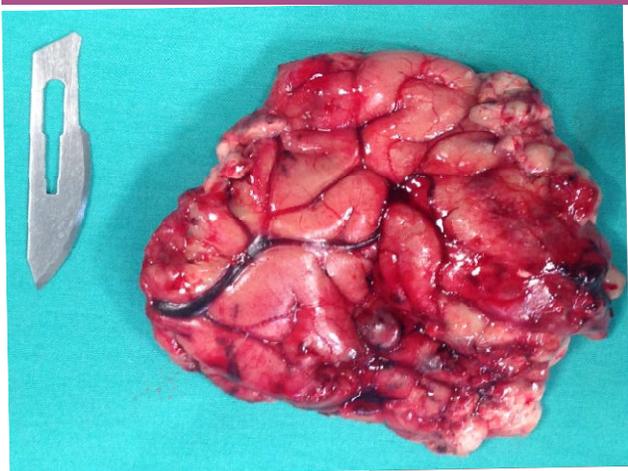




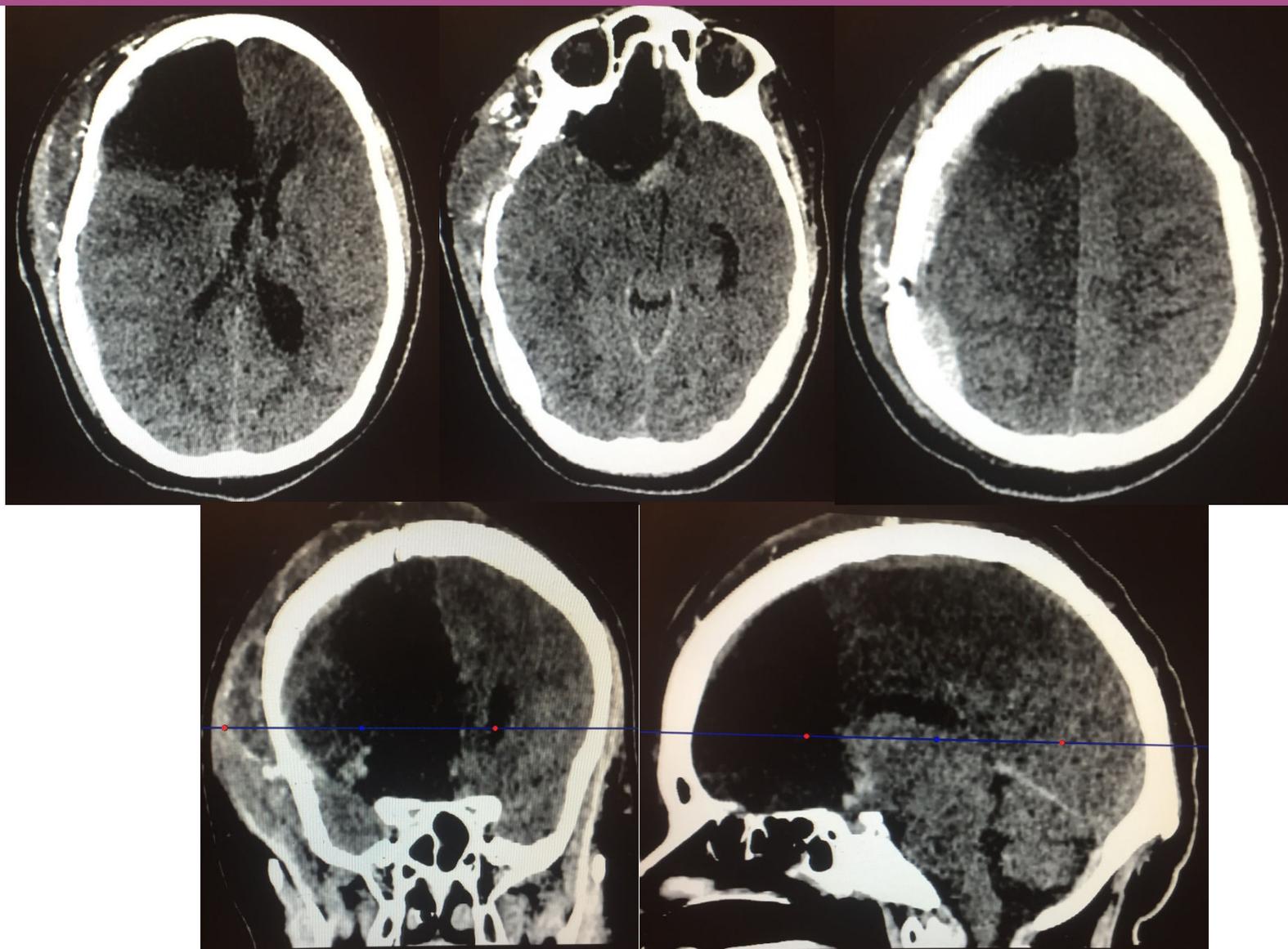
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PRECENTRAL



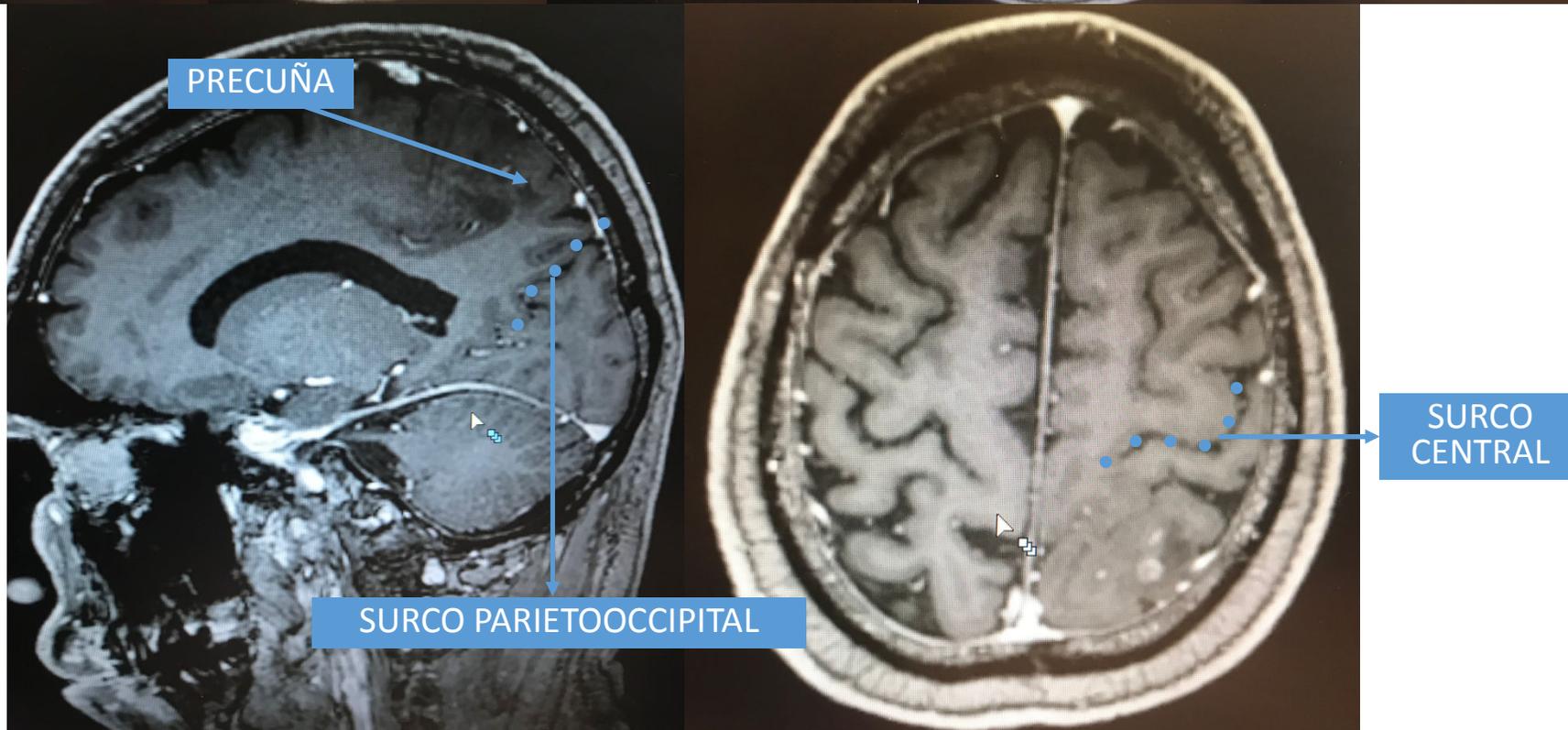
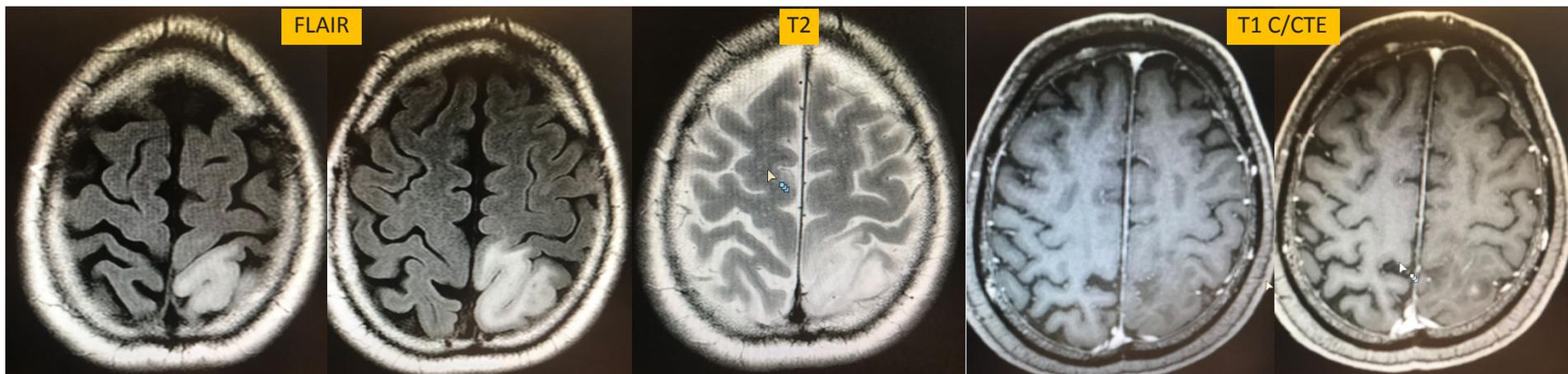
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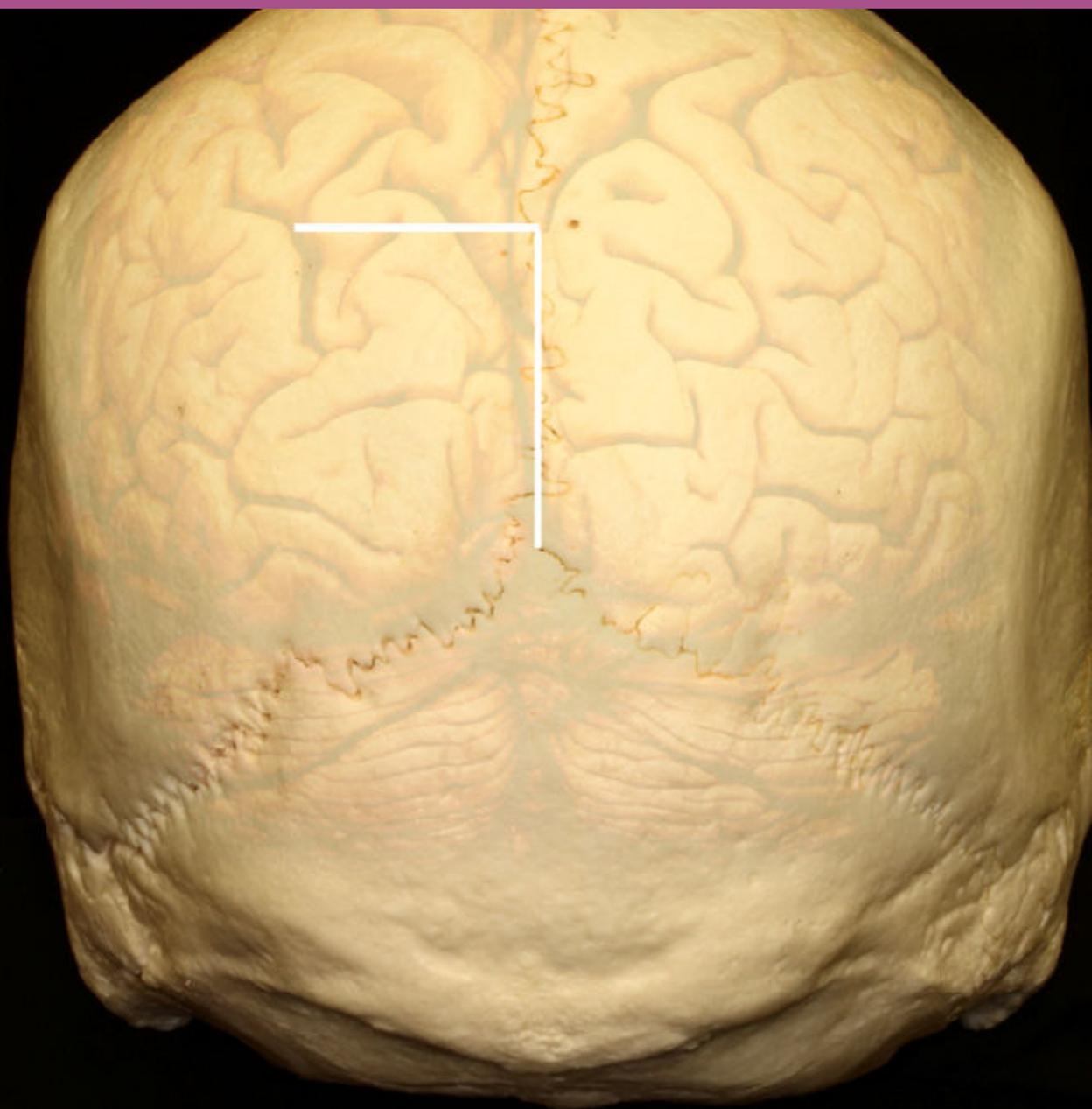
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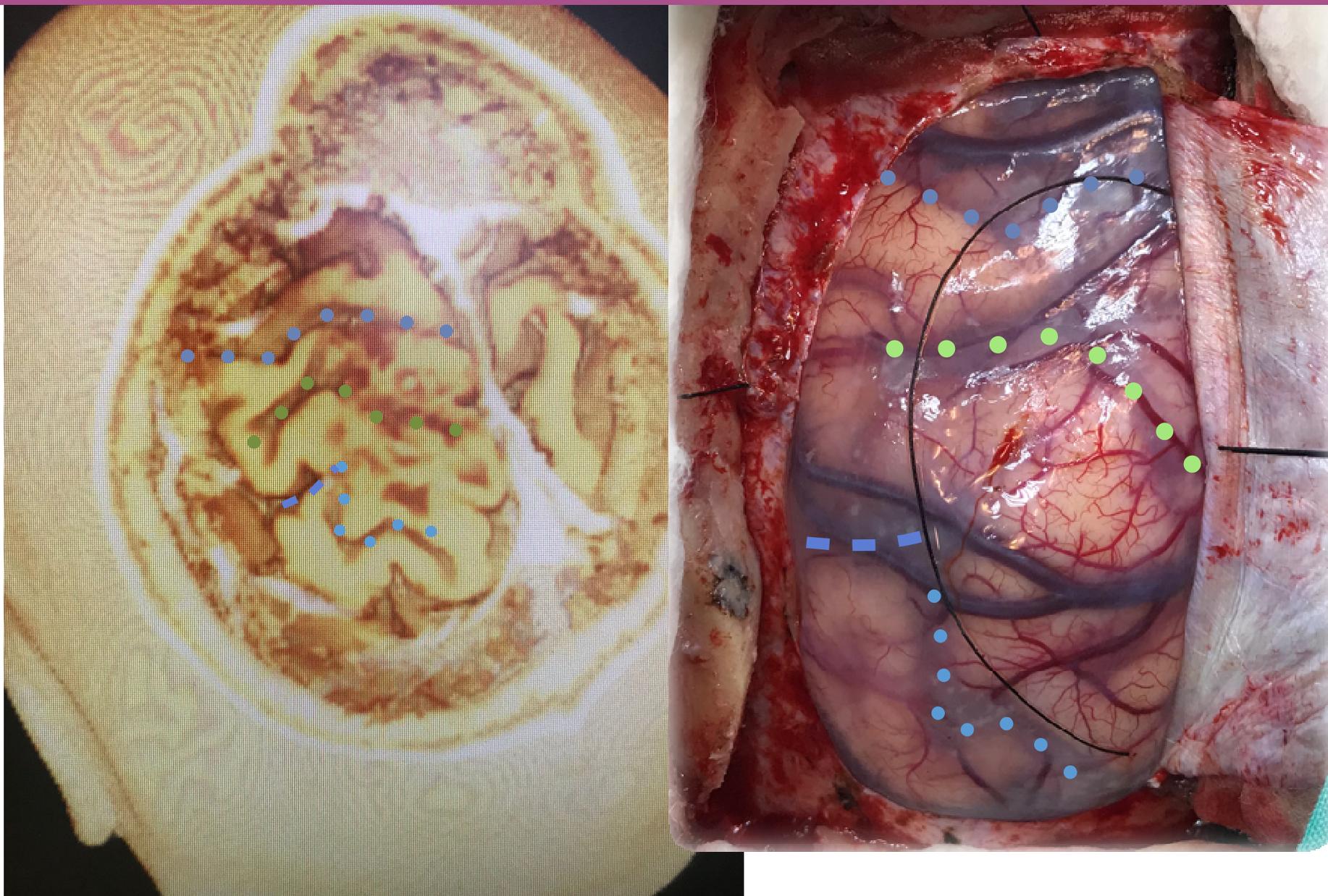


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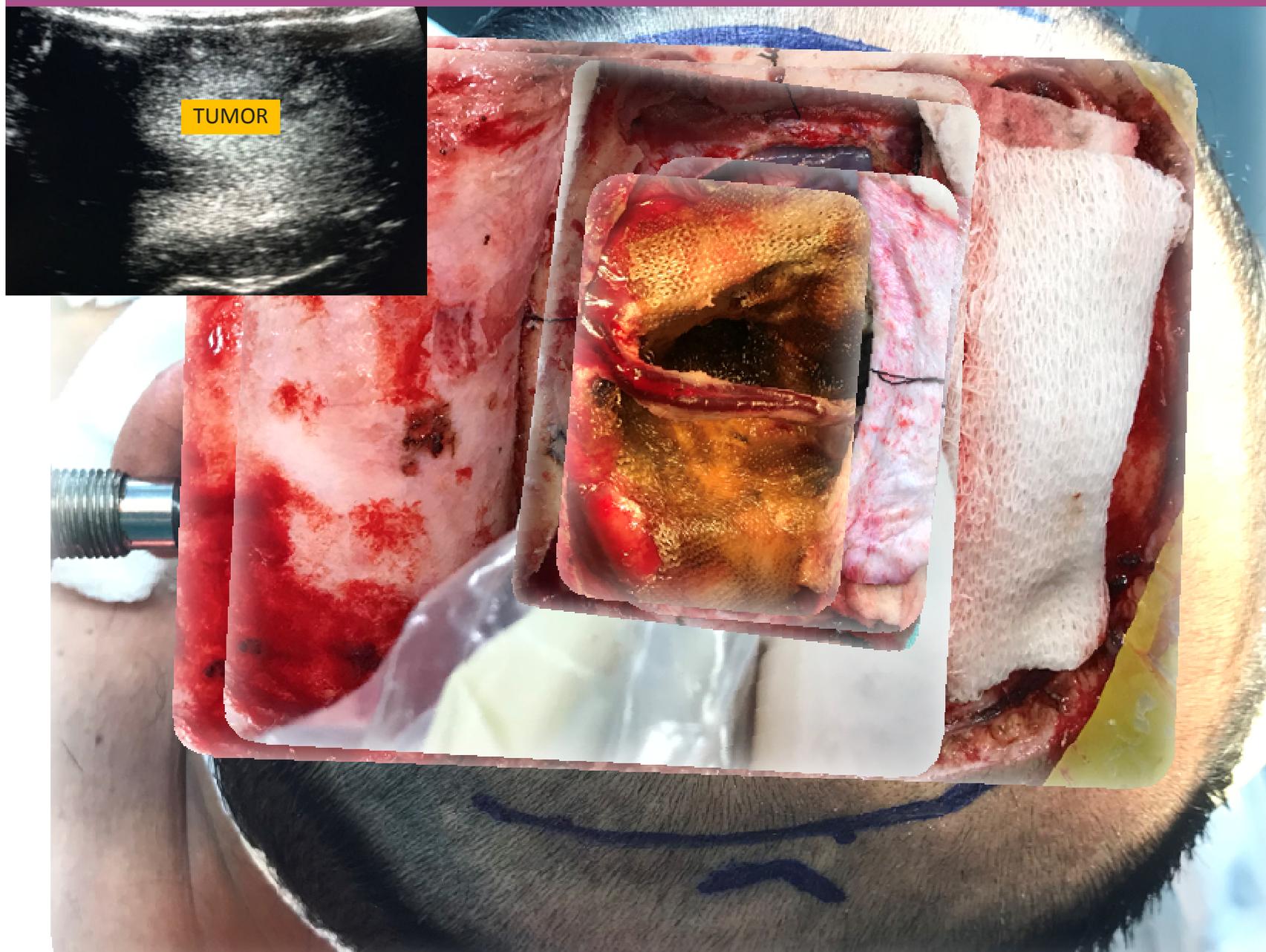


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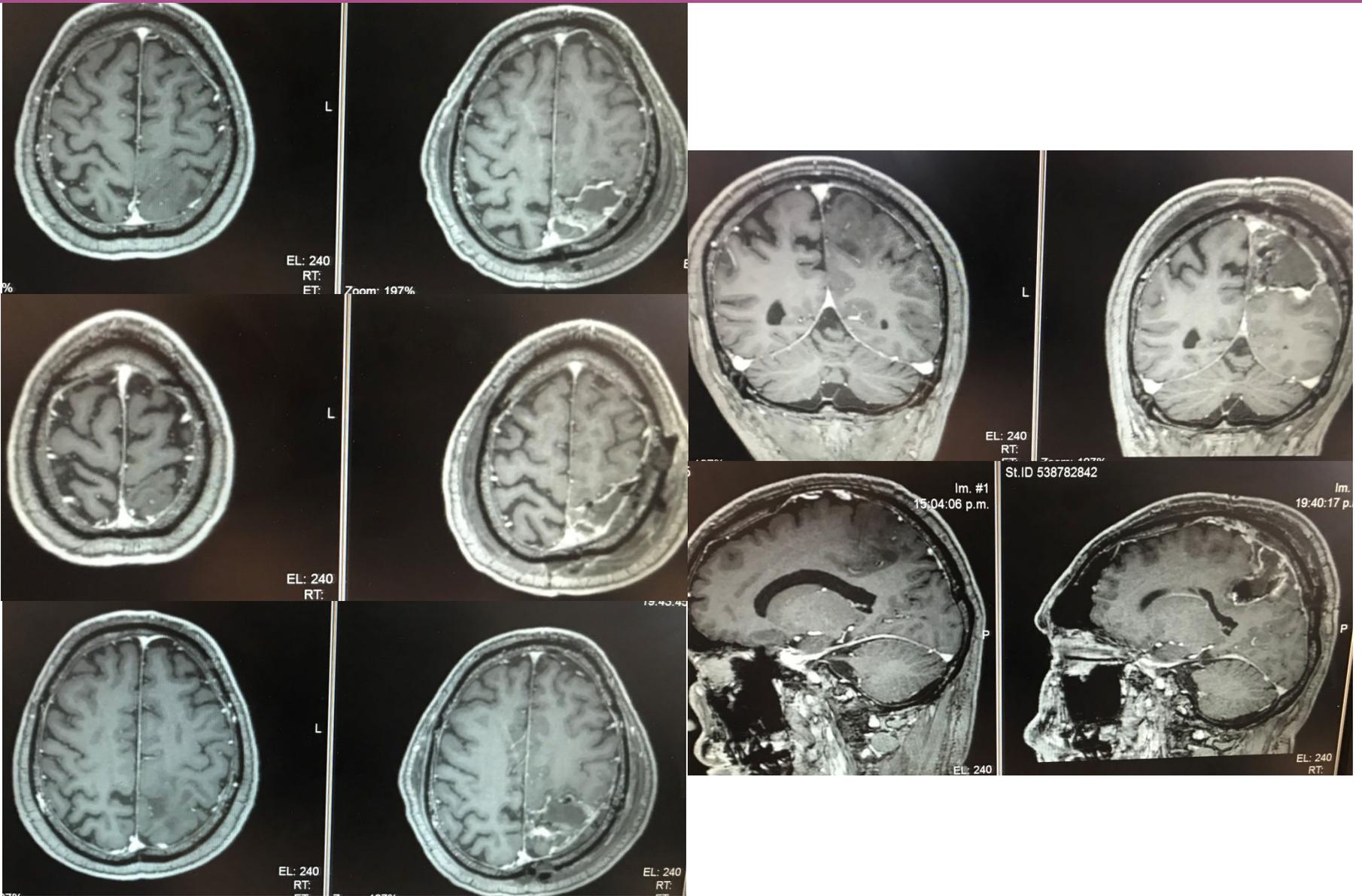


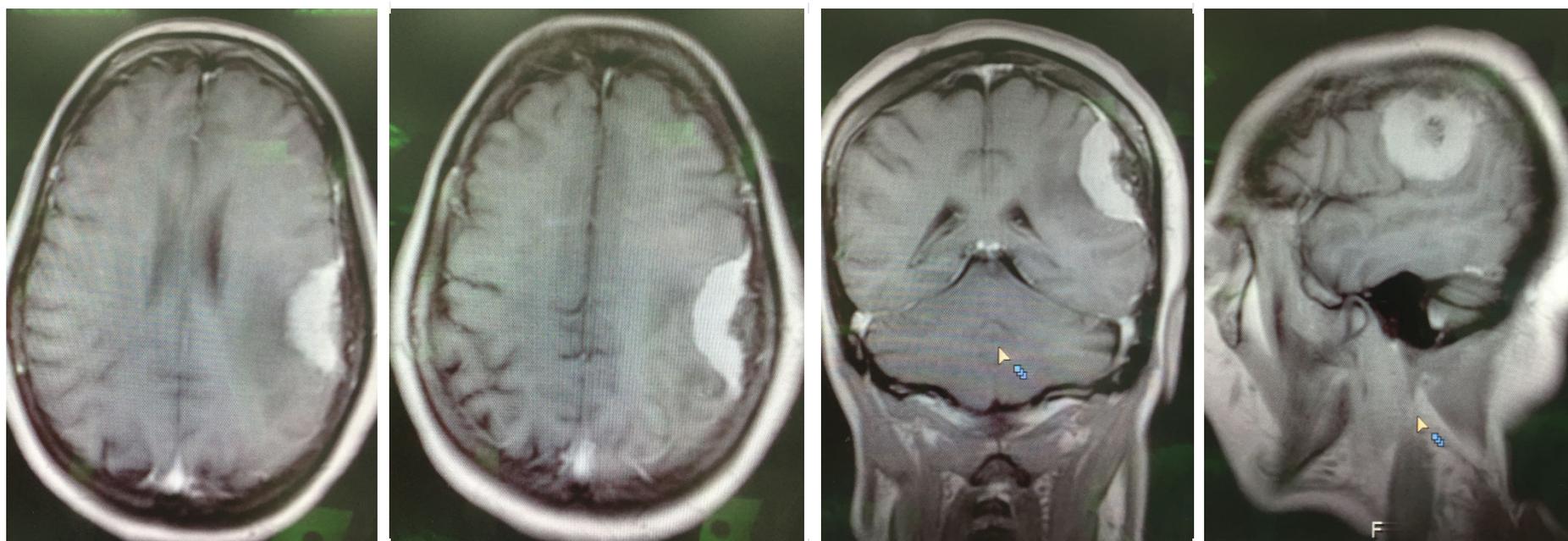


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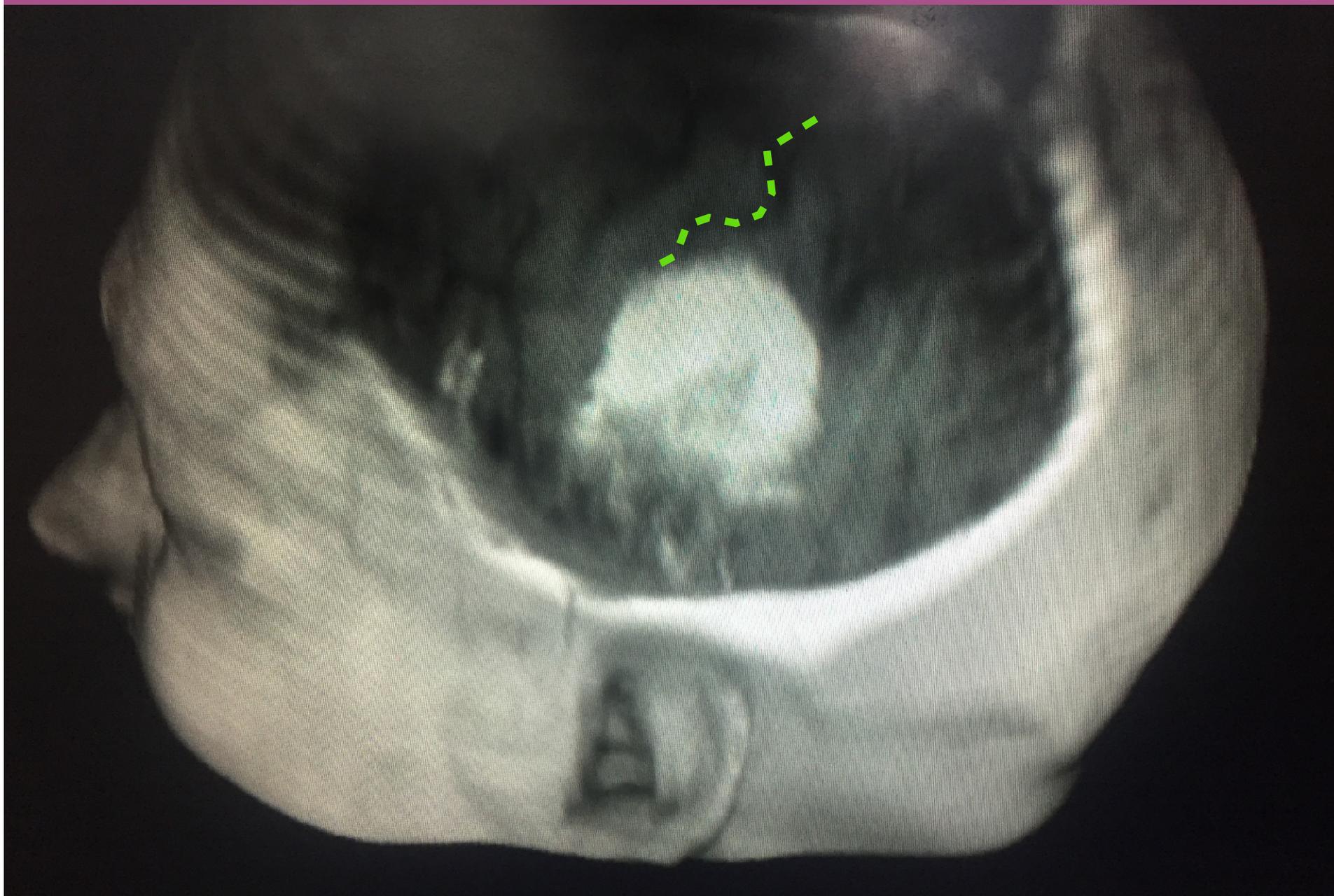


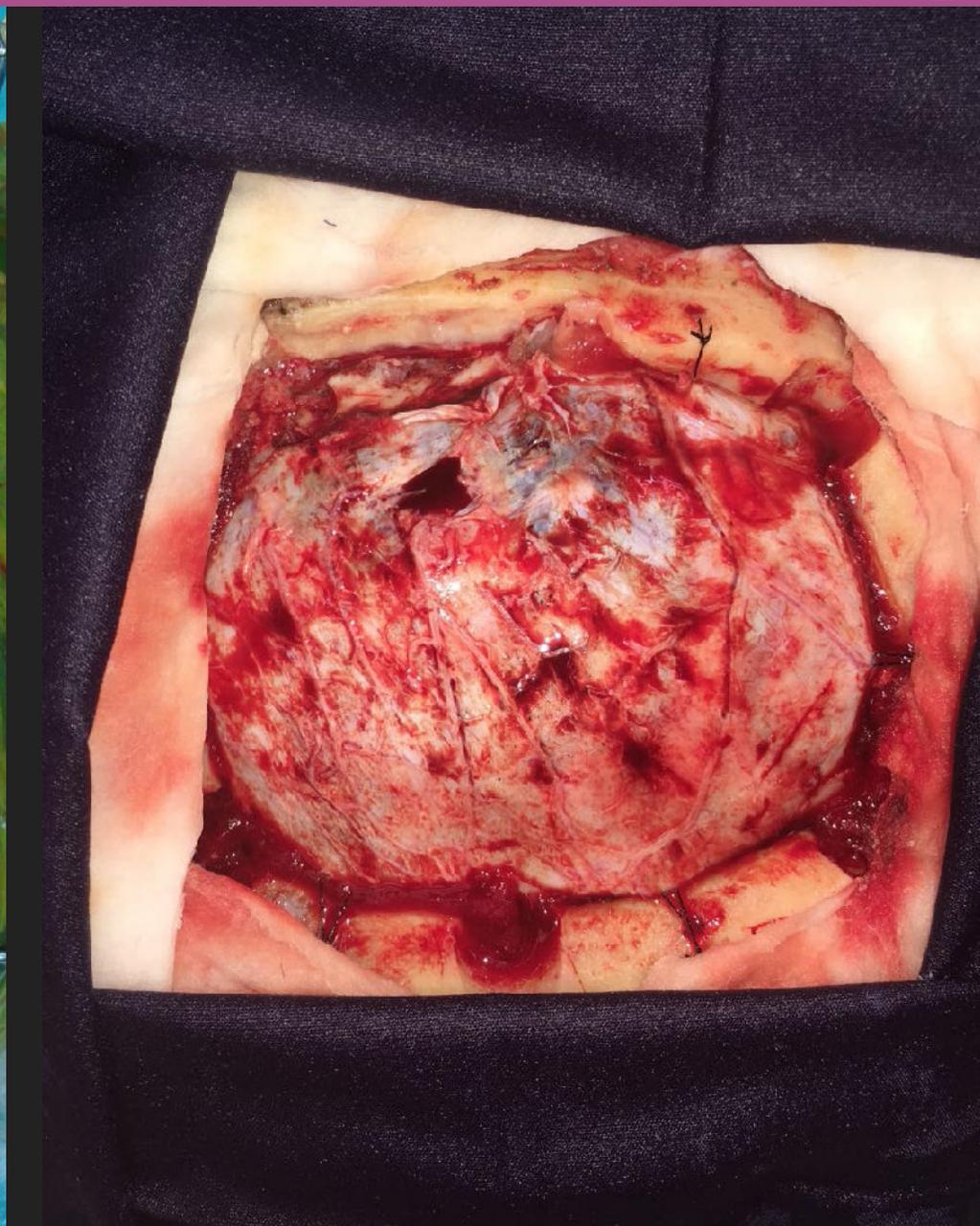
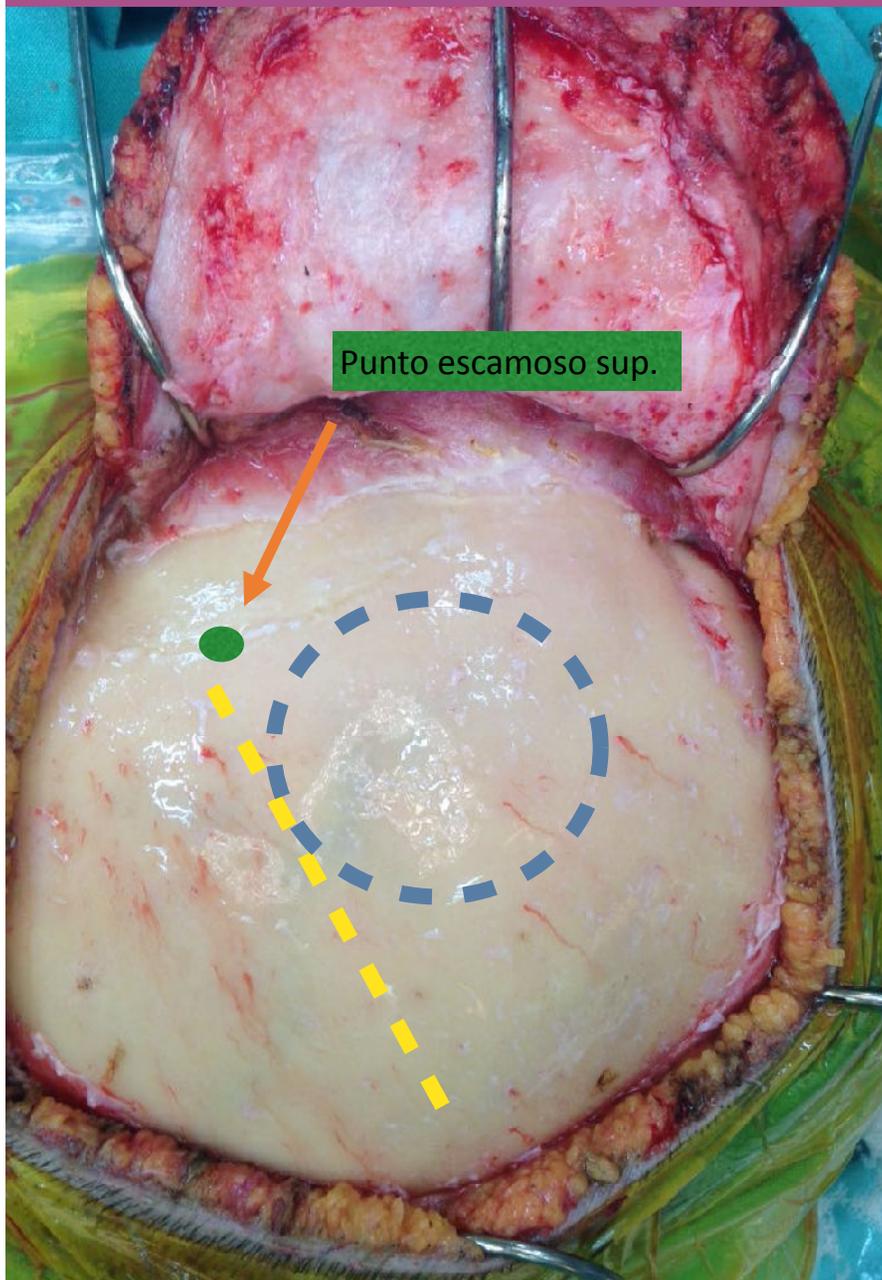
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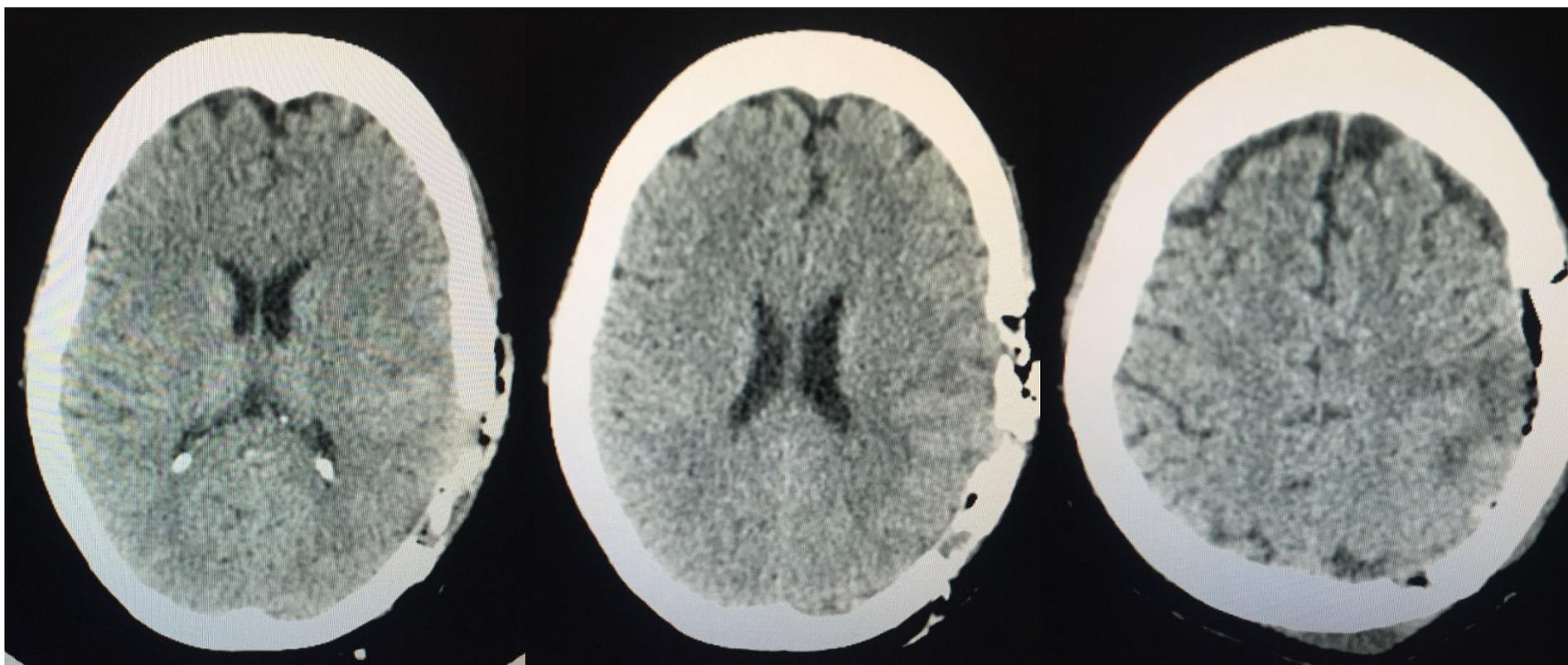


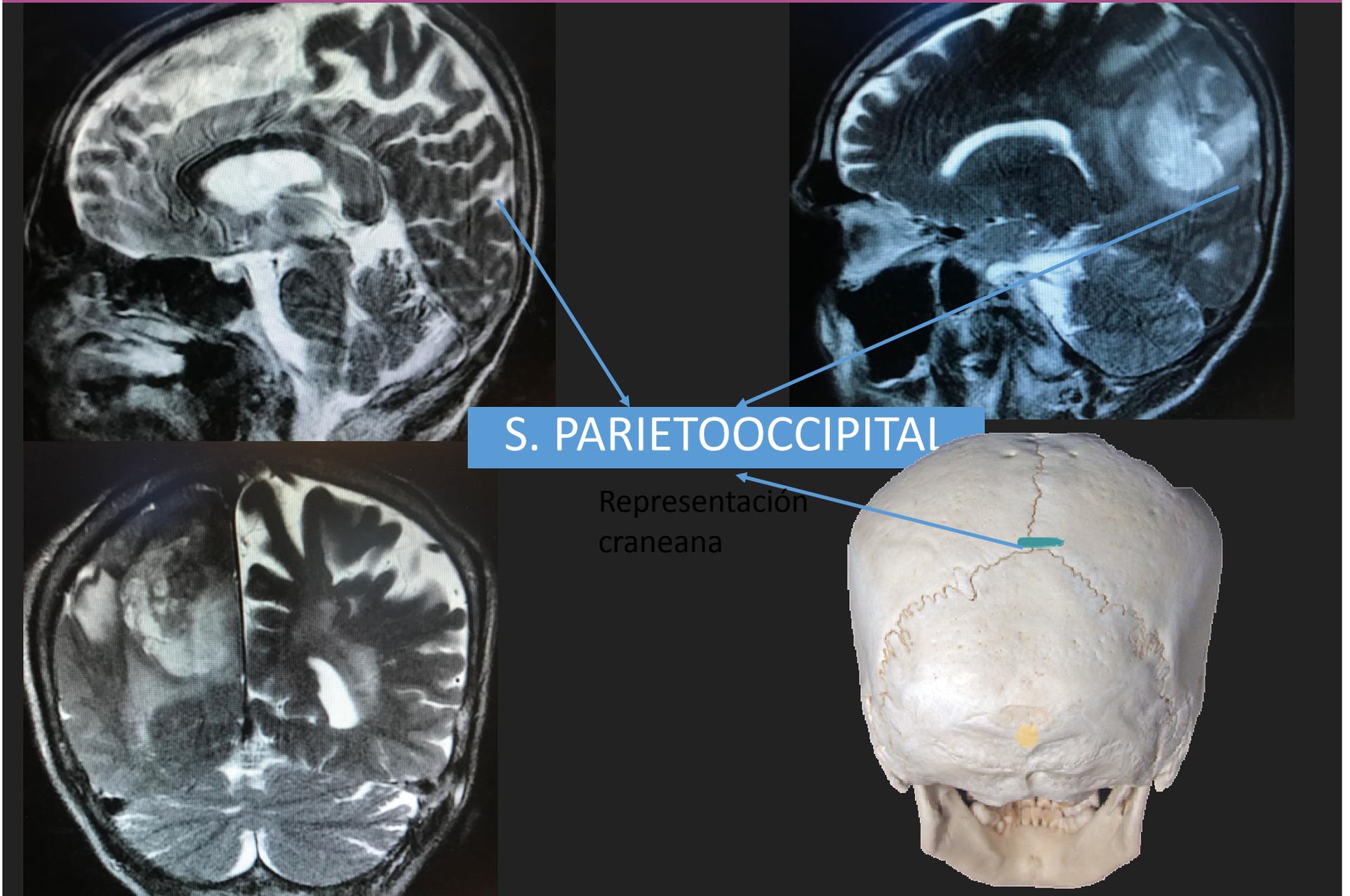
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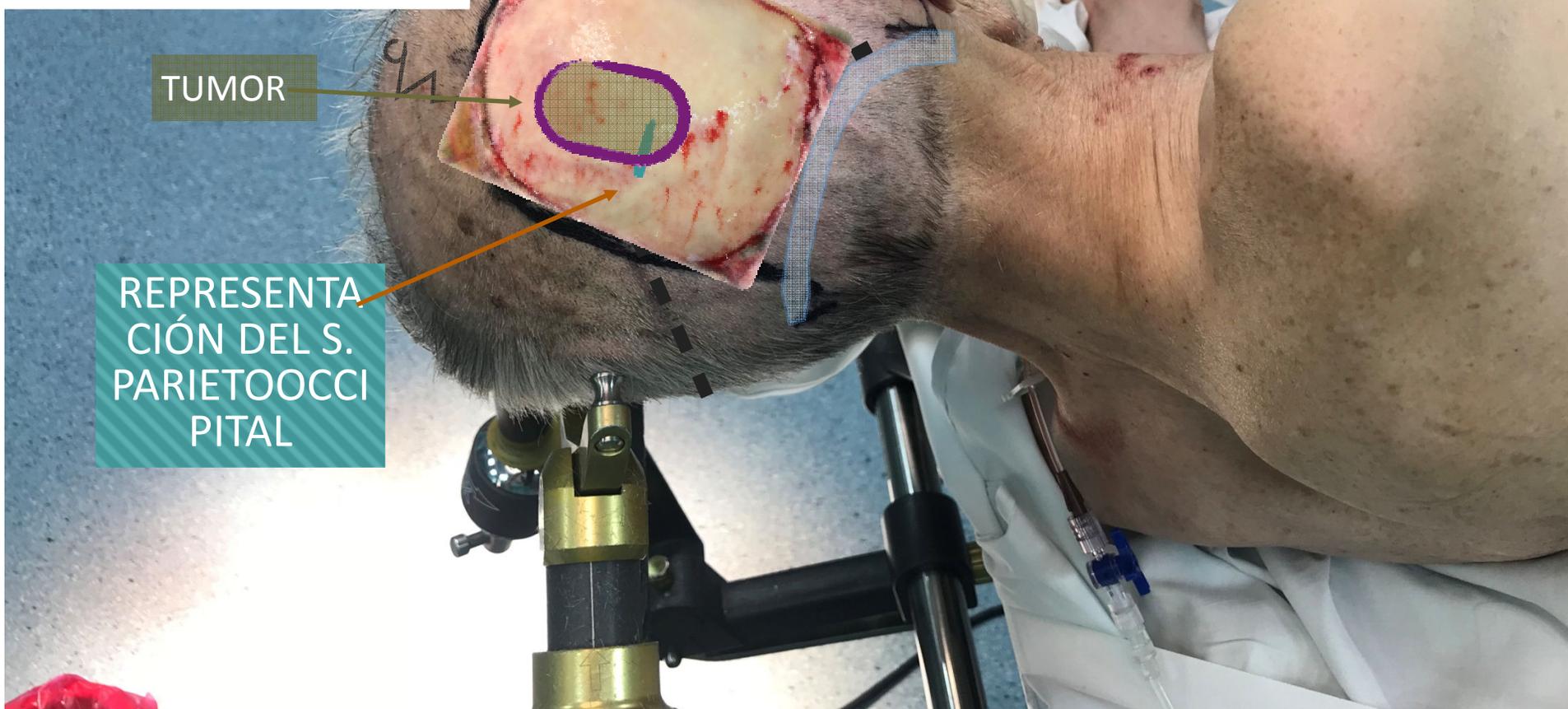






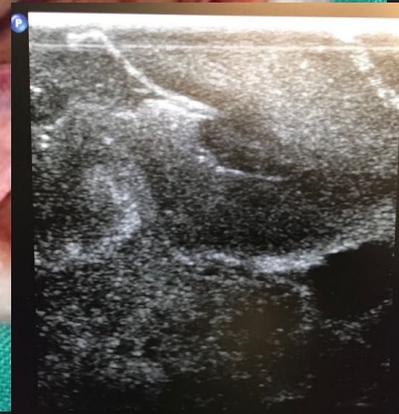
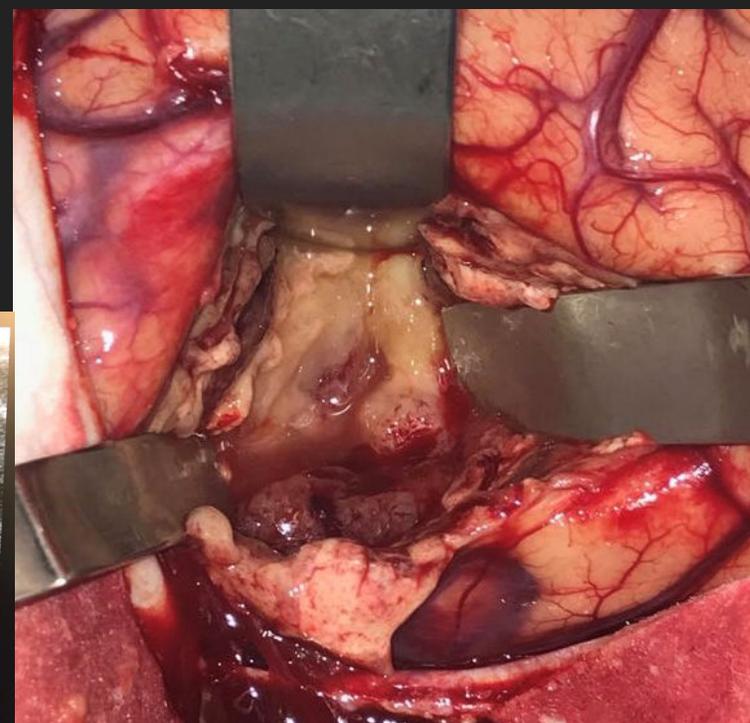
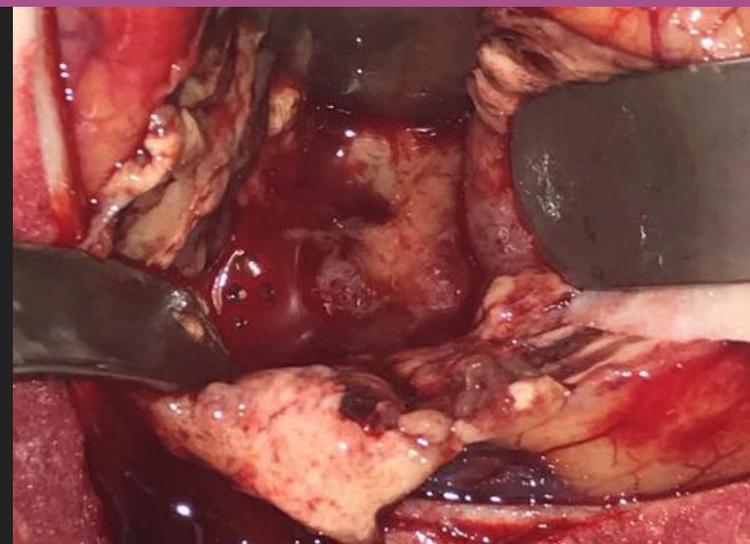
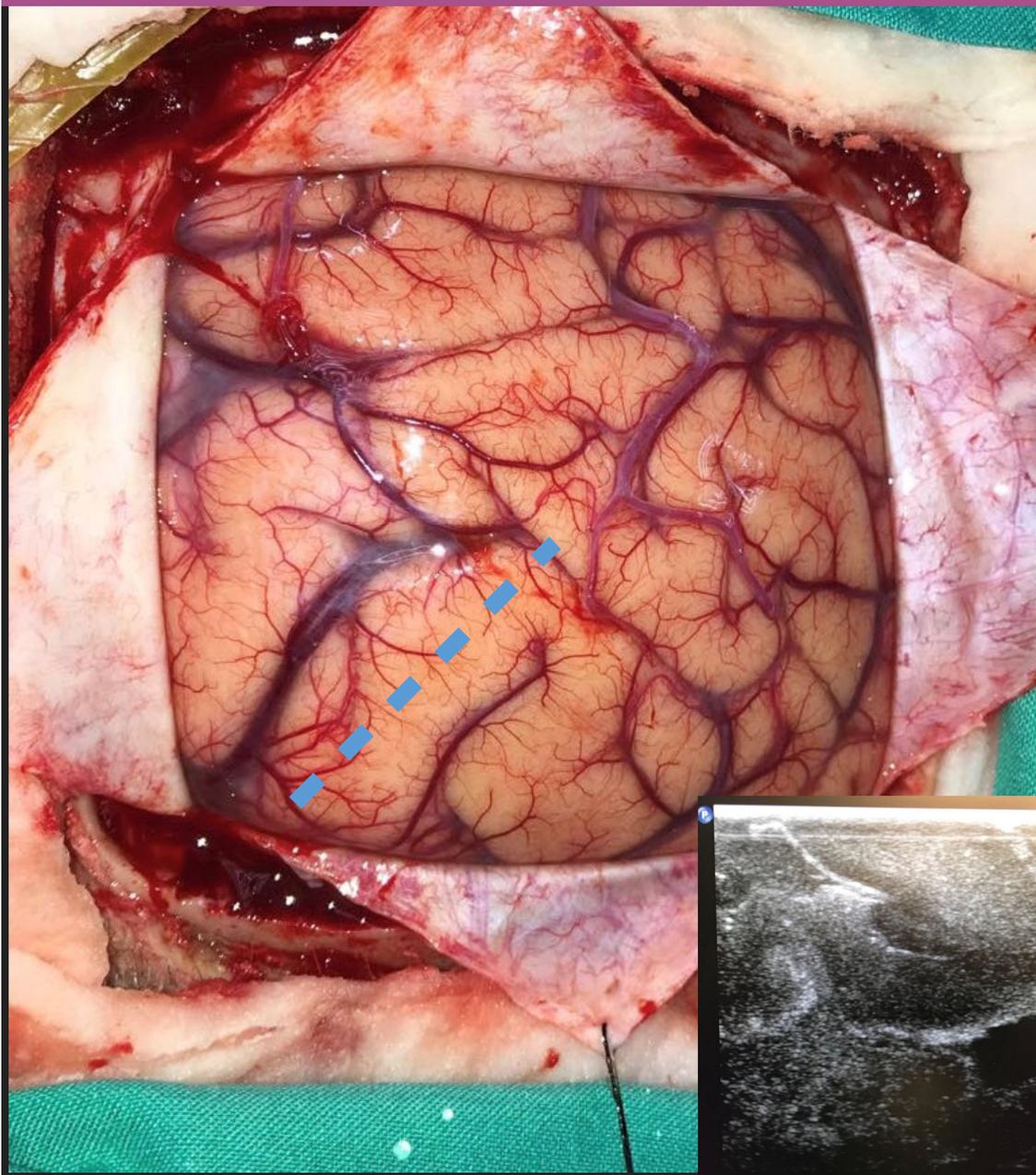
S. PARIETOOCCIPITAL

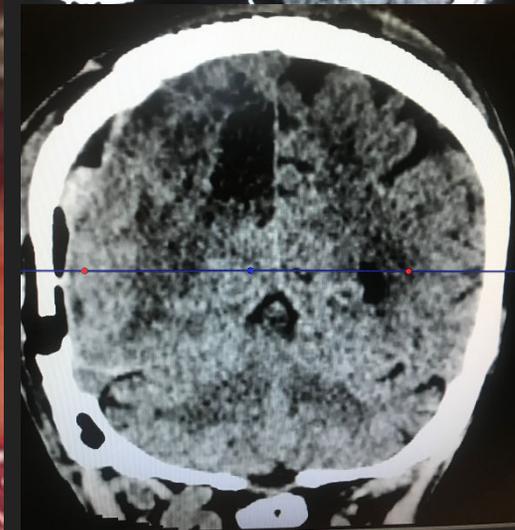
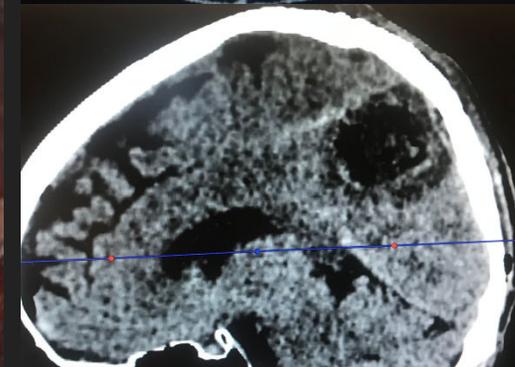
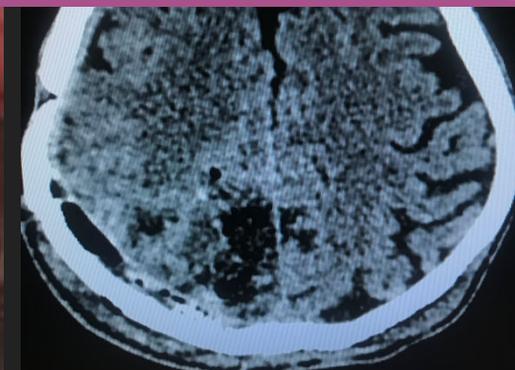
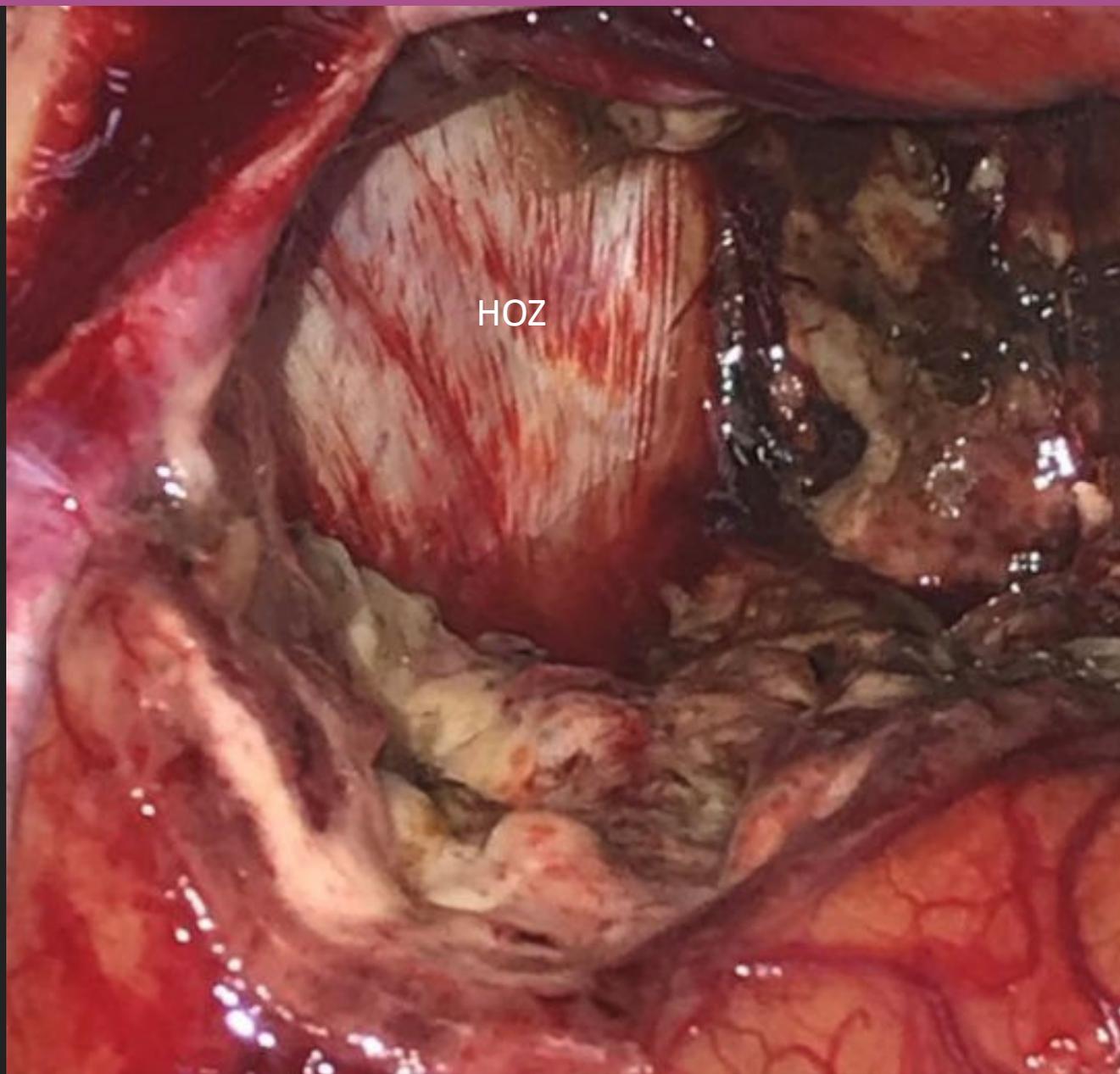
Representación craneana



TUMOR

REPRESENTACIÓN DEL S. PARIETOOCCIPITAL





Conclusiones

- La aplicación de los puntos craneométricos para la planificación quirúrgica fue satisfactoria en todos los casos.

Conclusiones

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- El uso de la neuronavegación y el ecógrafo afianzaron la estrategia quirúrgica

Conclusiones

- La aplicación de los puntos craneométricos para la planificación quirúrgica fue satisfactoria en todos los casos.
- El uso de la neuronavegación y el ecógrafo afianzaron la estrategia quirúrgica
- El conocimiento anatómico es fundamental para todo neurocirujano, y no debe ser reemplazada, sino complementada por dichos estudios de imágenes.

A group of approximately 12 medical professionals, including men and women, are standing in a line in front of the entrance to Hospital El Cruce Dr. Néstor Kirchner. They are all wearing white lab coats. The entrance features large glass doors and several white columns. The background is a dark red wall with a grid of blue and white squares in the upper left corner.

ALTA COMPLEJIDAD EN RED
Hospital El Cruce
Dr. Néstor Kirchner

MUCHAS GRACIAS!