ENTRENAMIENTO MICROQUIRÚRGICO DURANTE LA RESIDENCIA DE NEUROCIRUGÍA

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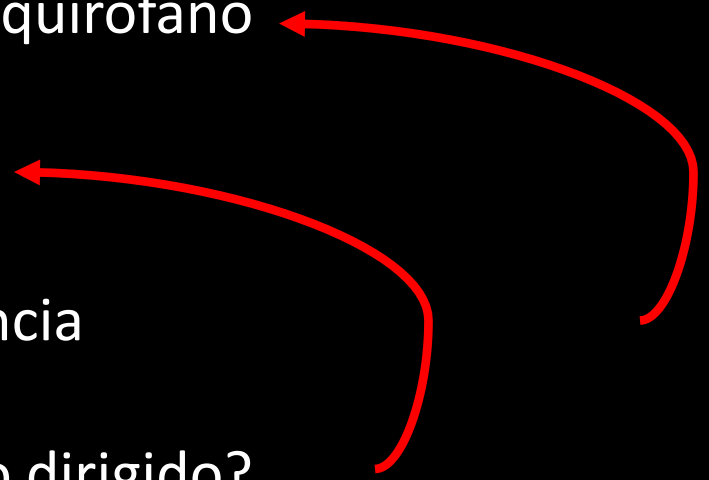
JUSTIFICACIÓN DEL TRABAJO

CAPACITACIÓN EN NEUROCIRUGÍA

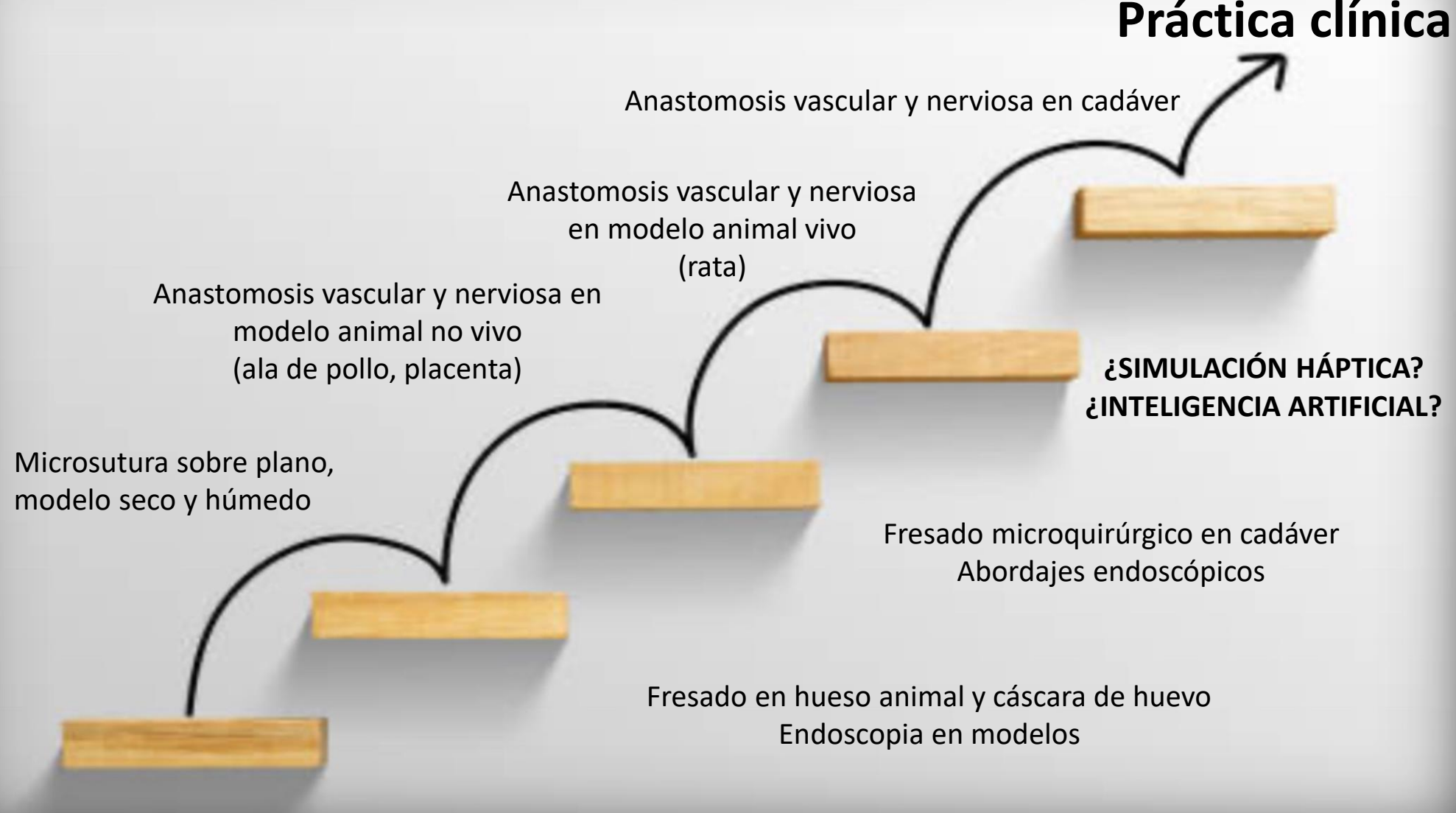
- Práctica clínica. Hospitalización, consultas, quirófano
- Conocimiento teórico. Neuroanatomía
- Investigación. Proyectos, congresos, docencia
- Habilidad microquirúrgica. ¿Entrenamiento dirigido?



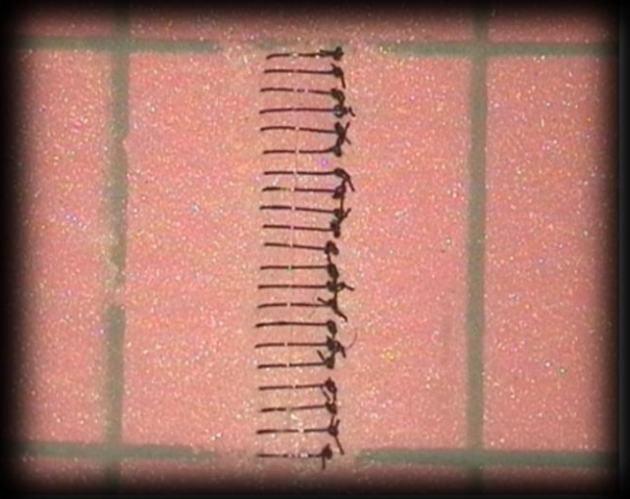
UNIVERSIDAD MIGUEL HERNÁNDEZ
ALICANTE, ESPAÑA

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
NUEVA DELHI, INDIA

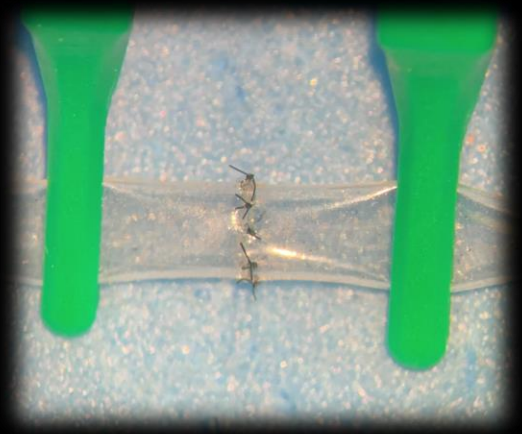
MODELO DE ENTRENAMIENTO

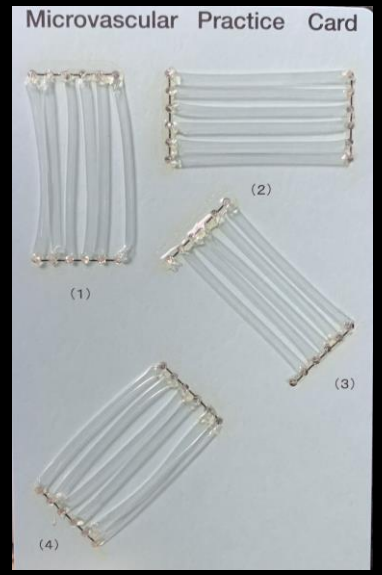


MICROANASTOMOSIS VASCULAR Y NERVIOSA

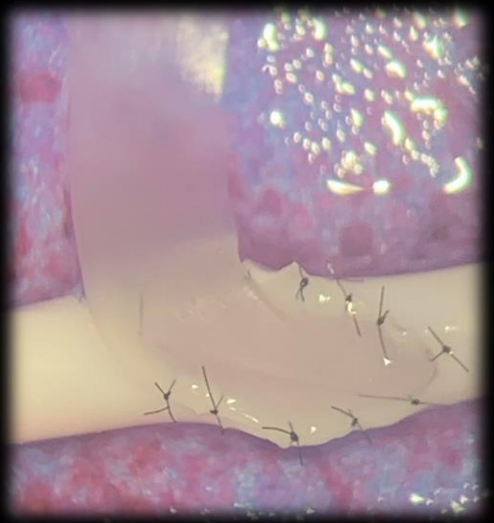


PLANO

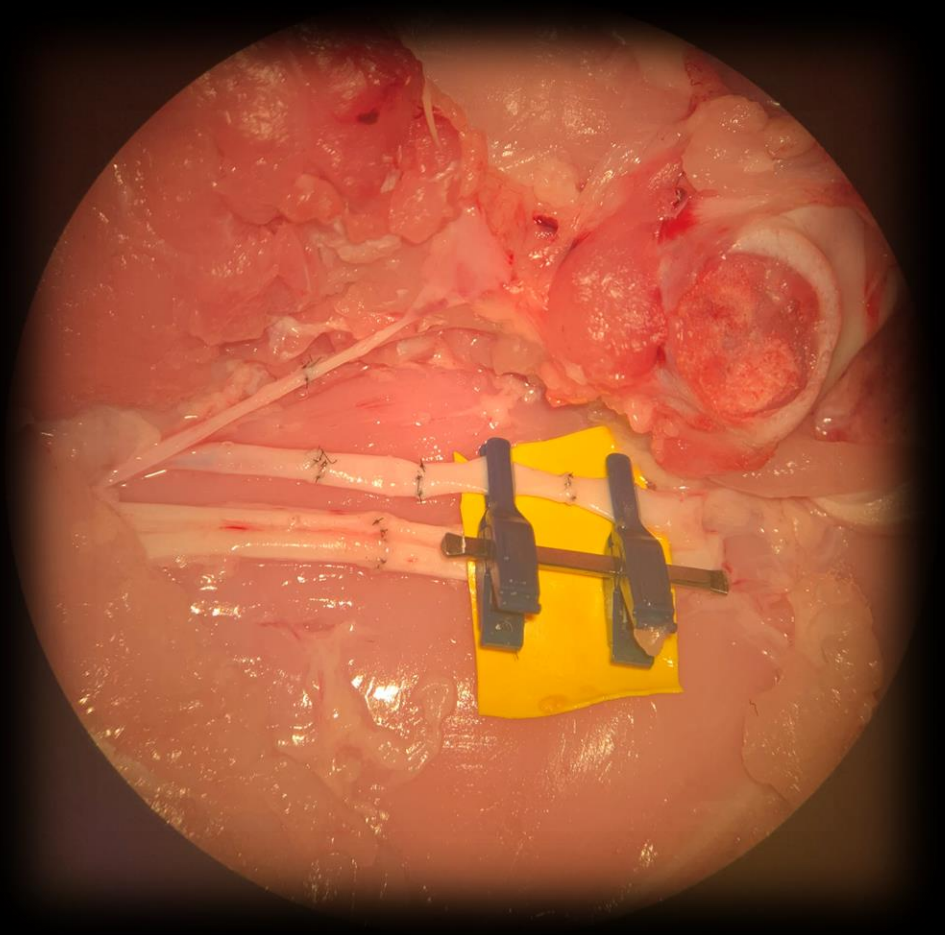




MODELO ARTIFICIAL SECO



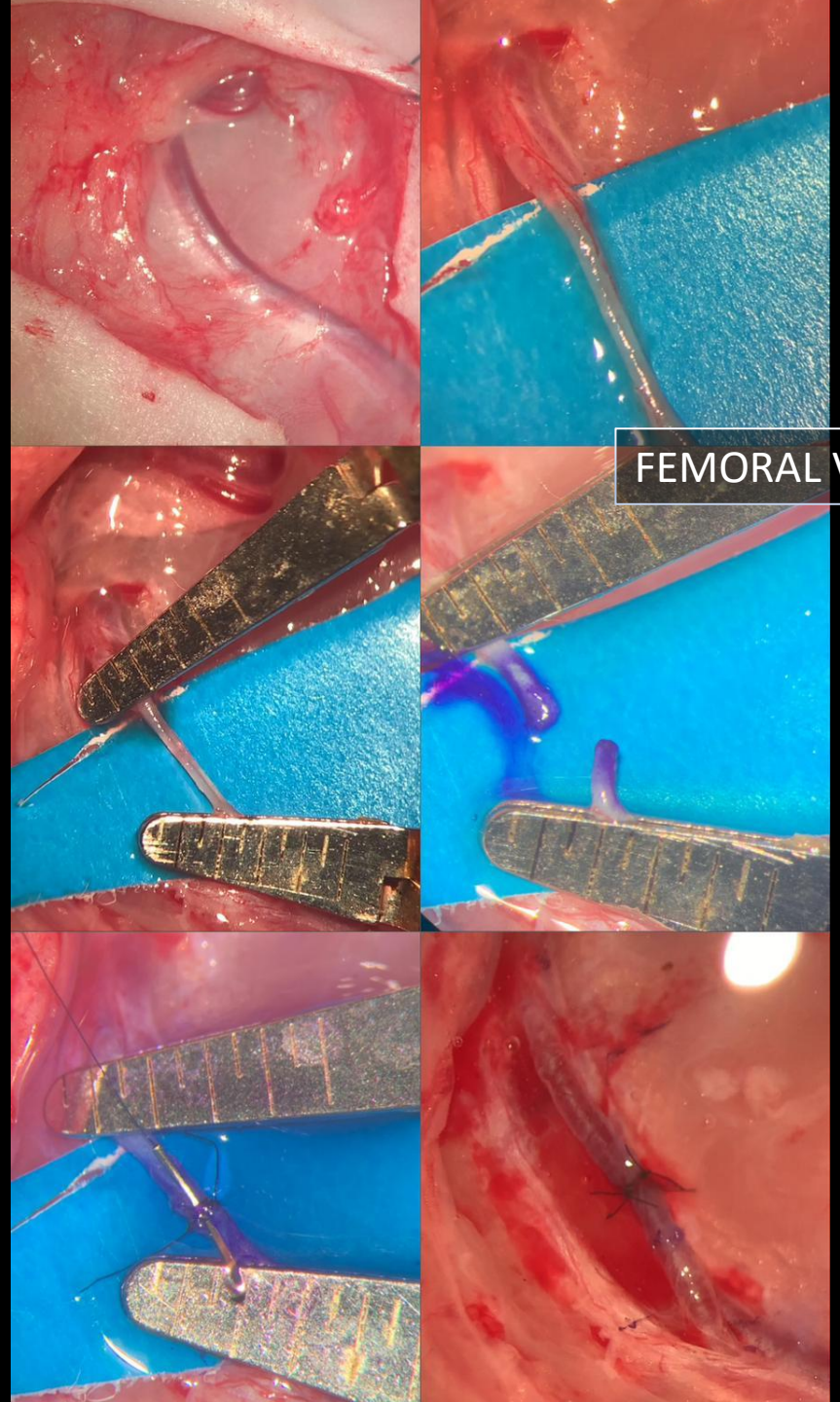
MODELO ARTIFICIAL HÚMEDO

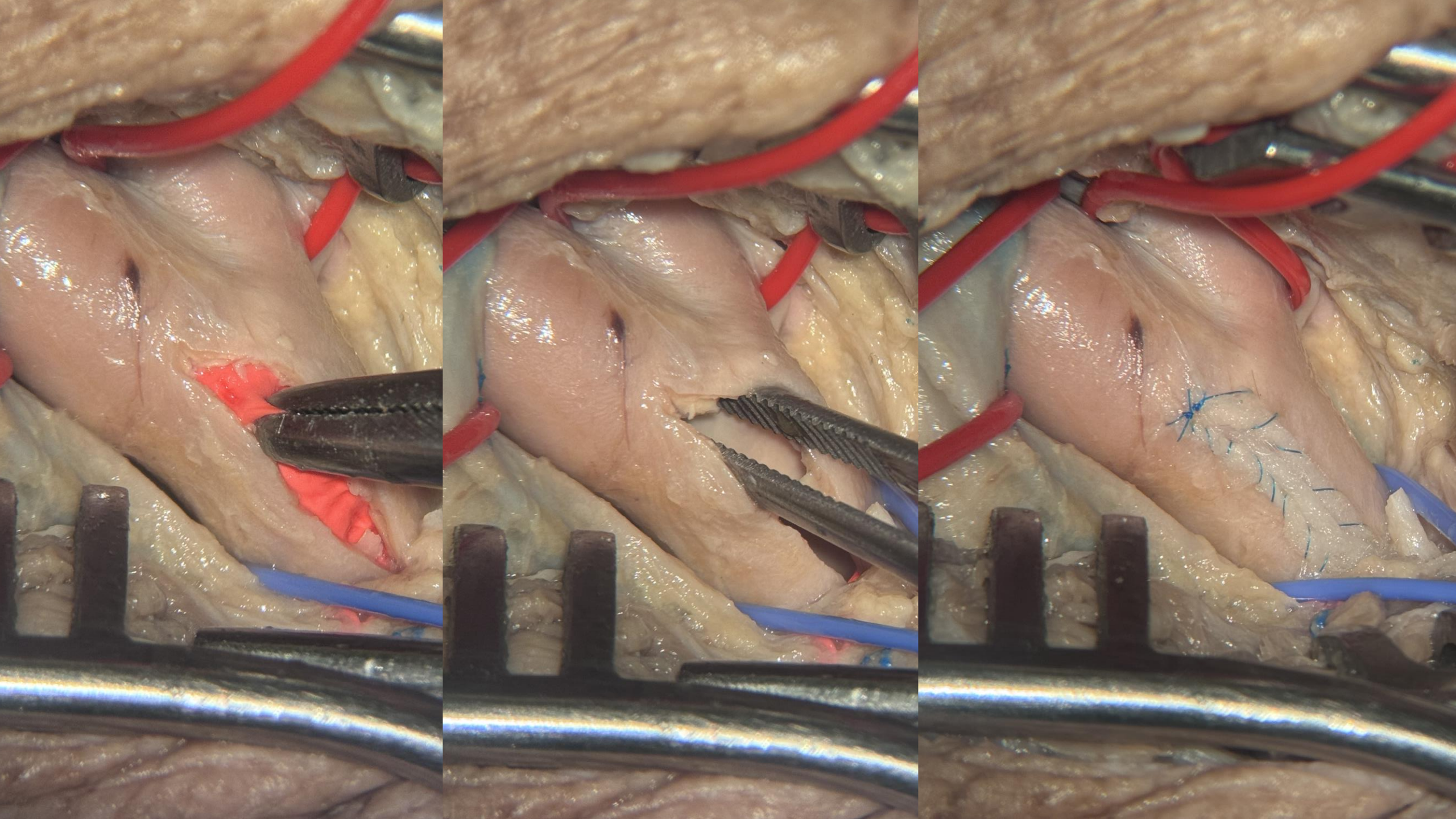


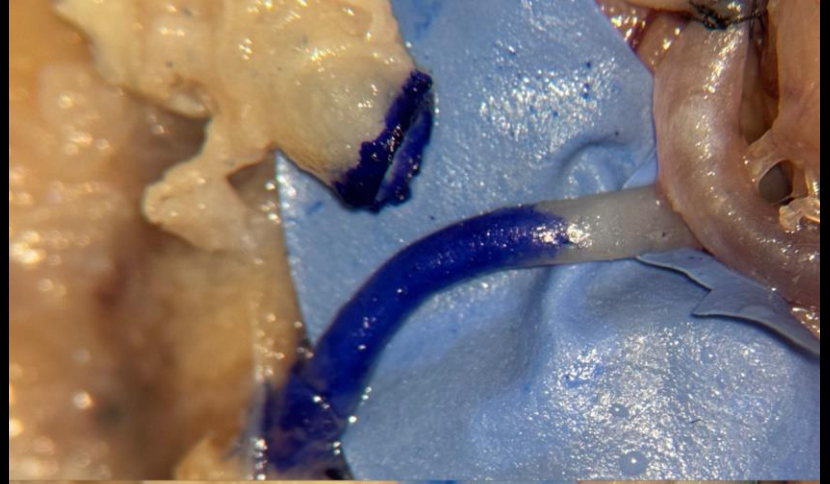
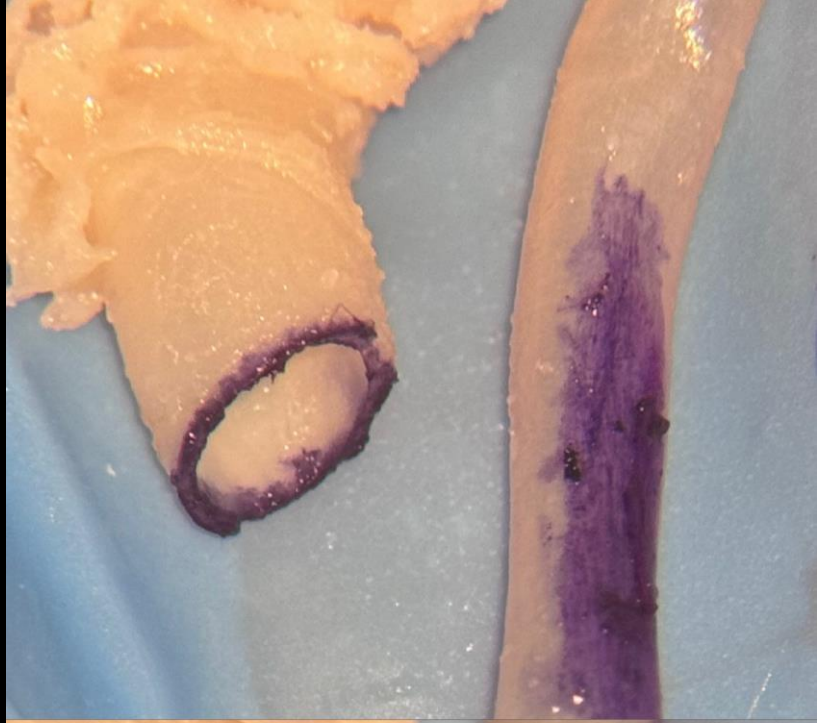
ALA DE POLLO

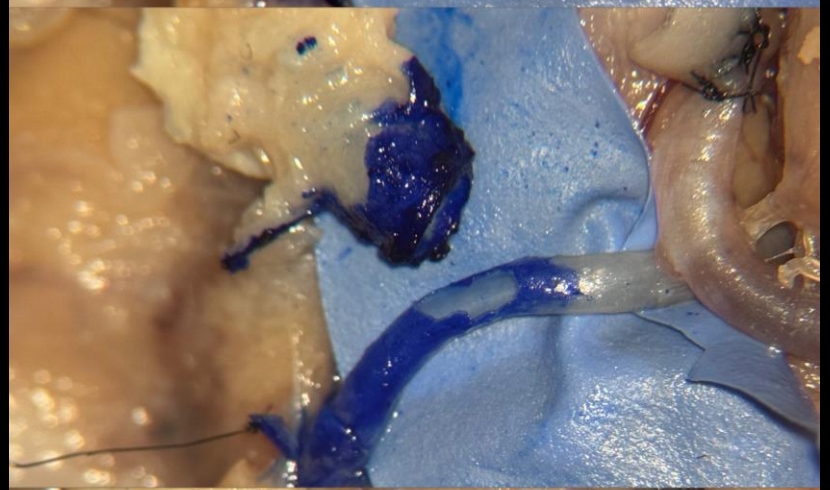
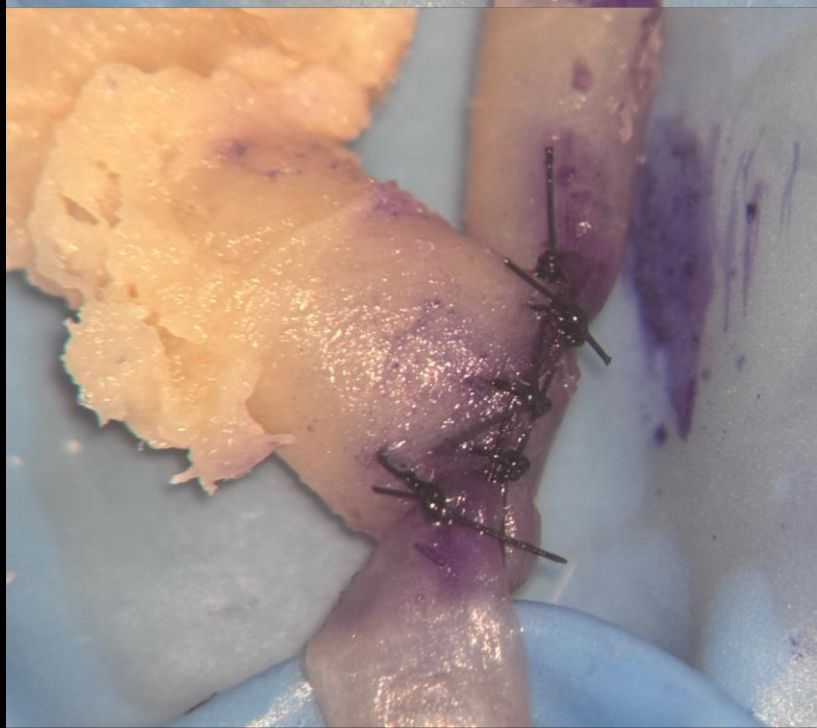
PLACENTA

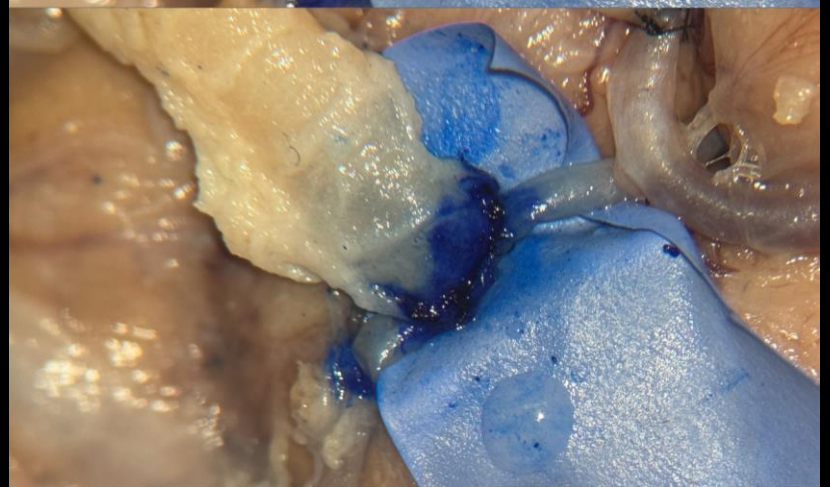

SCIATIC NERVE (RAT)

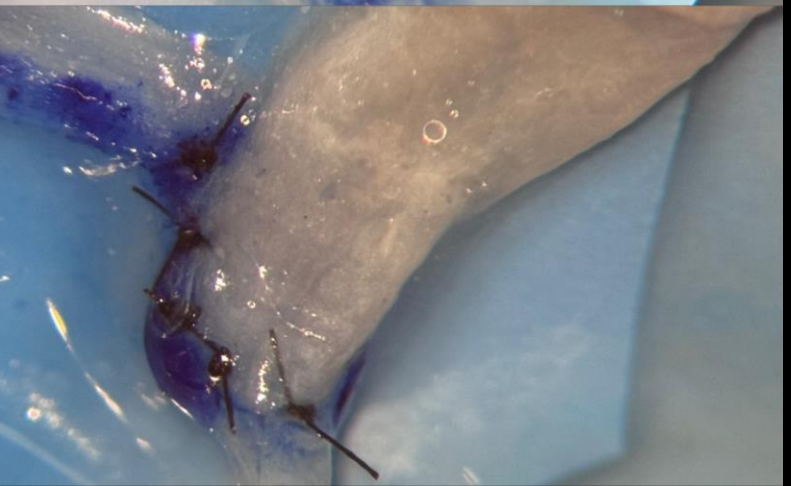

FEMORAL VESSELS(RAT)

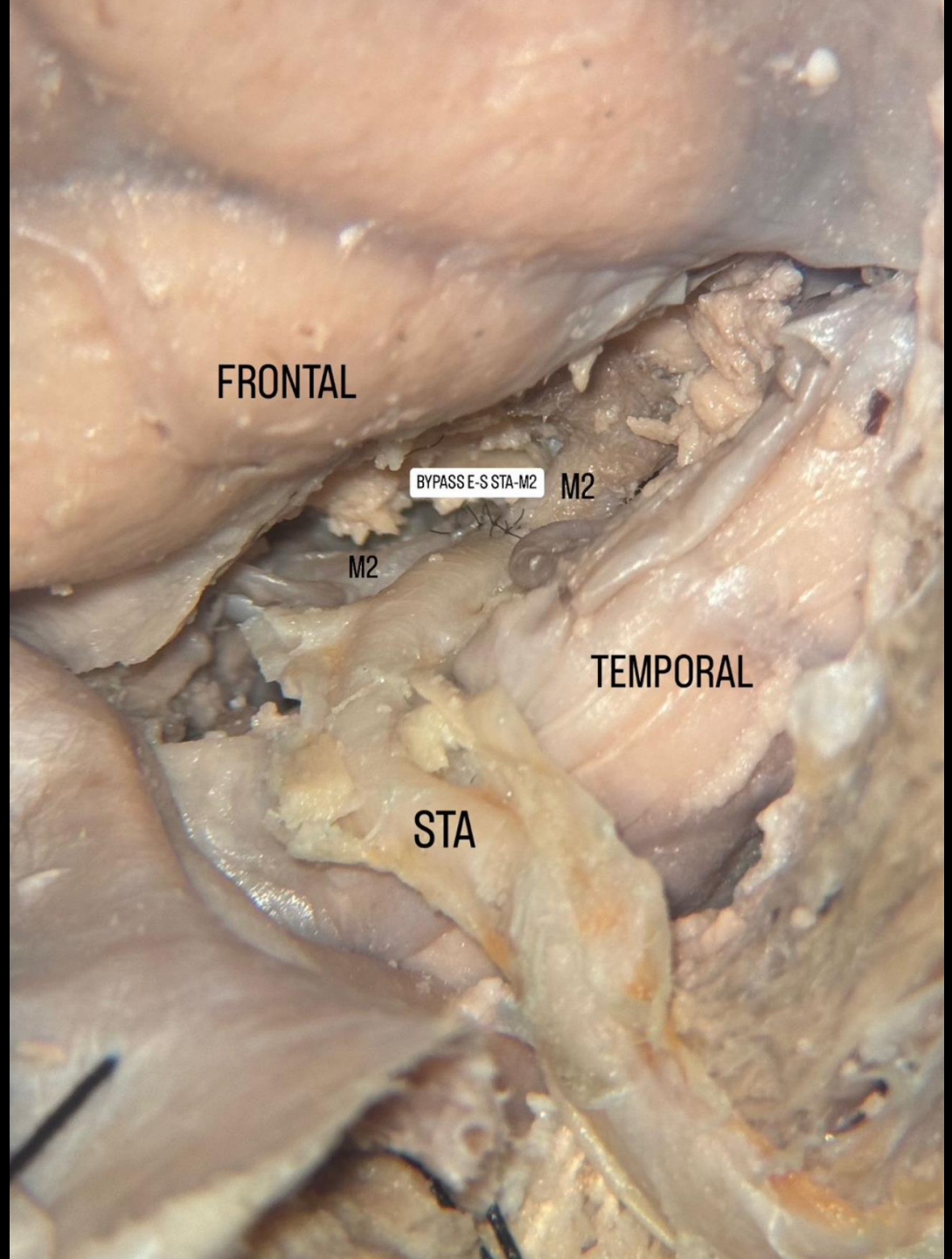


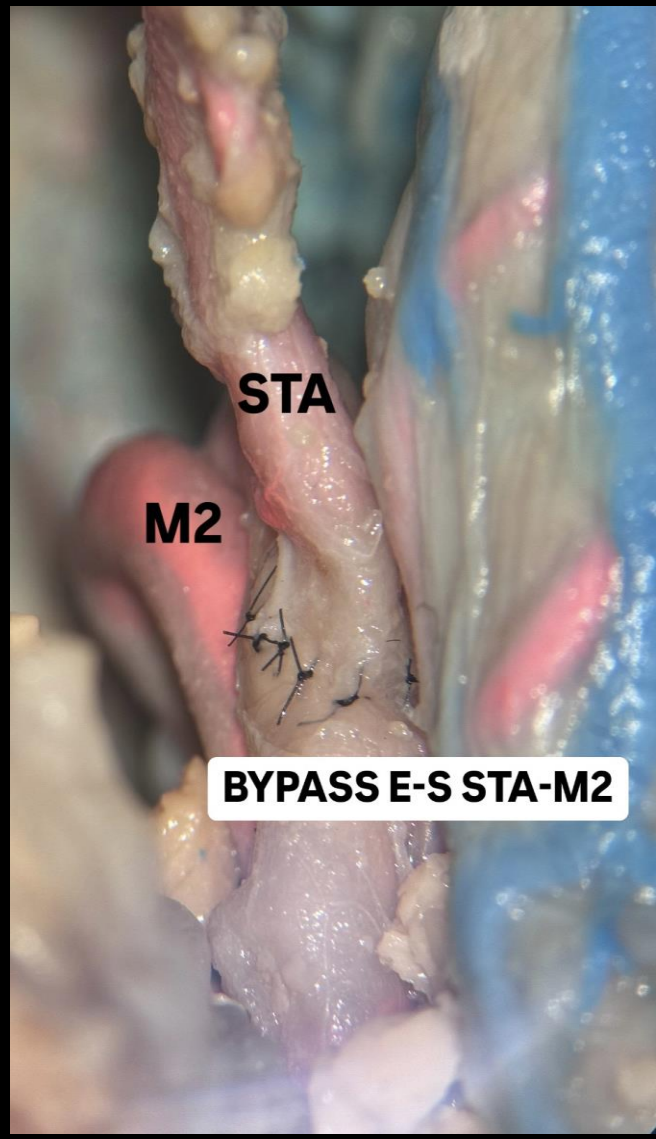






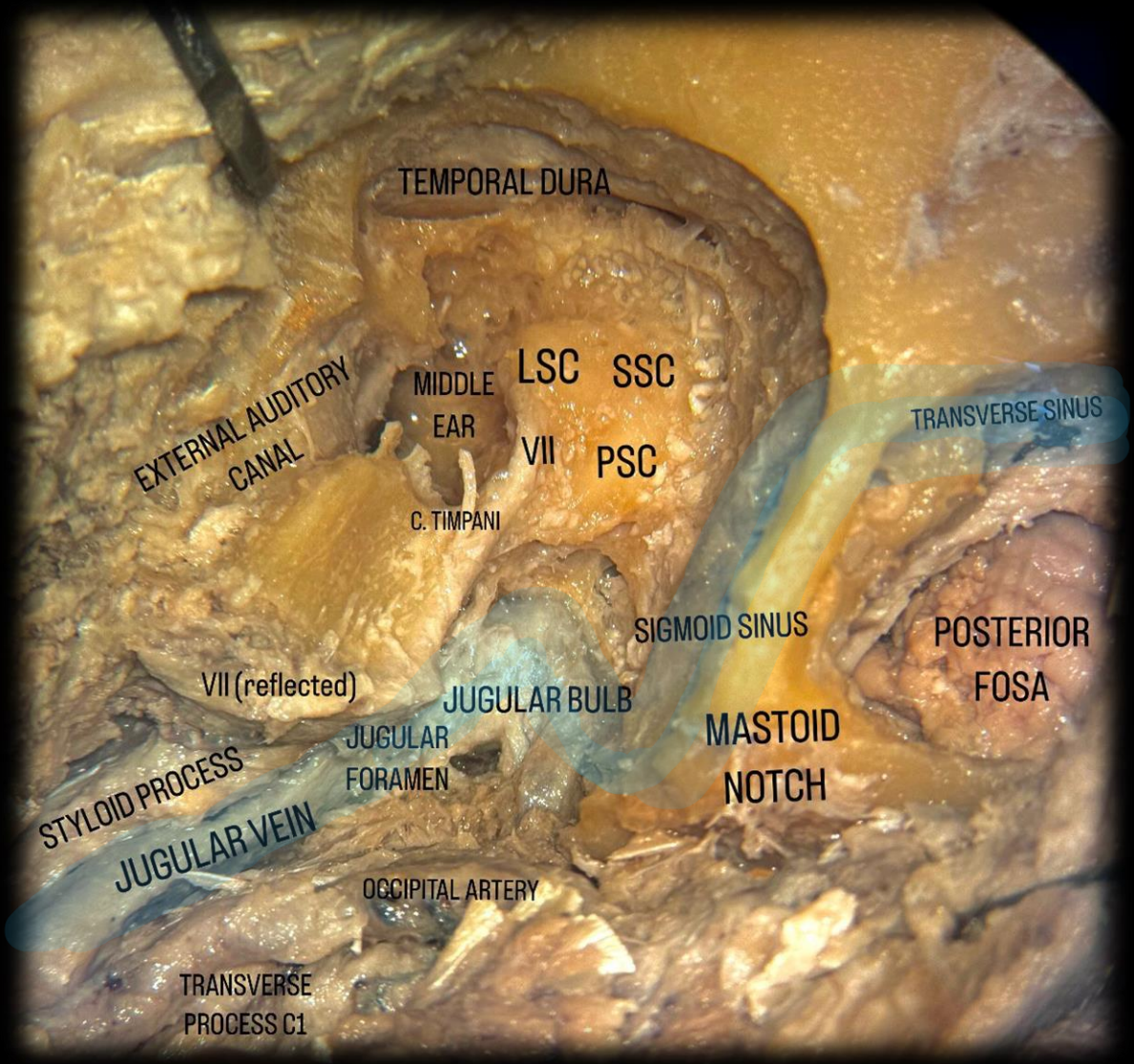



FRONTAL
BYPASS E-S STA-M2
M2
M2
TEMPORAL
STA


STA
M2
BYPASS E-S STA-M2

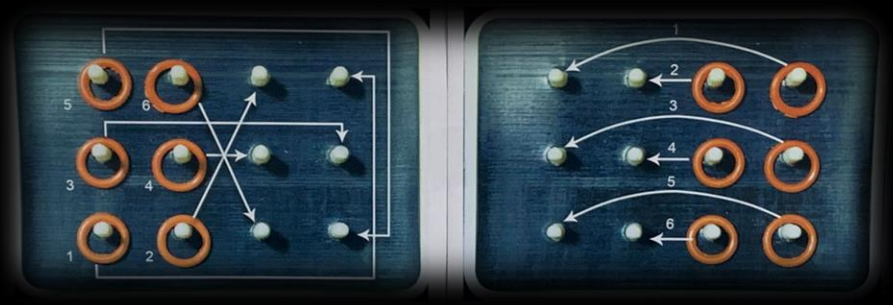

VII
XII
XII
OA
BYPASS E-S OA-AICA

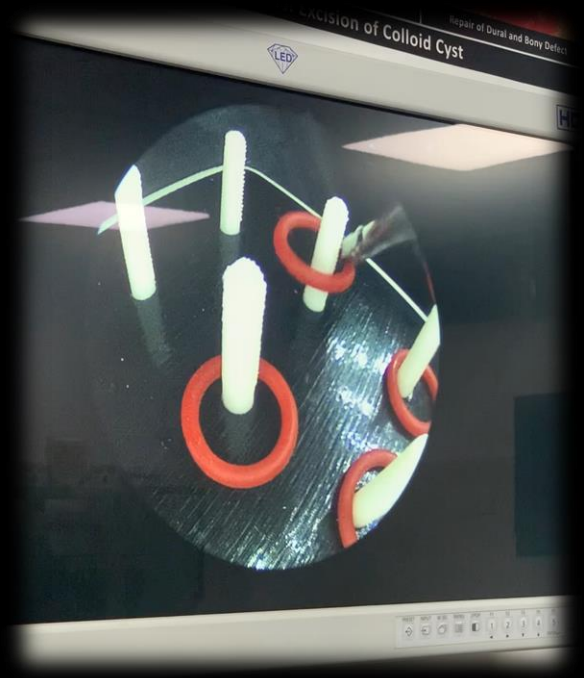
FRESADO

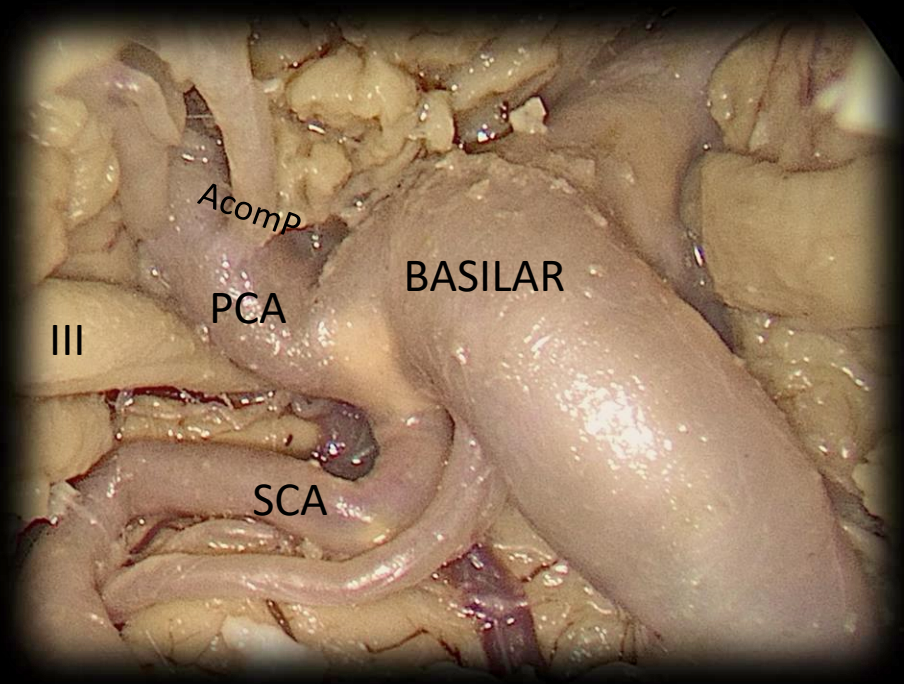

TEMPORAL DURA
EXTERNAL AUDITORY CANAL
MIDDLE EAR
LSC
SSC
VII
PSC
C. TIMPANI
TRANSVERSE SINUS
SIGMOID SINUS
POSTERIOR FOSA
VII (reflected)
JUGULAR BULB
JUGULAR FORAMEN
MASTOID NOTCH
STYLOID PROCESS
JUGULAR VEIN
OCCIPITAL ARTERY
TRANSVERSE PROCESS C1

ENDOSCOPIA

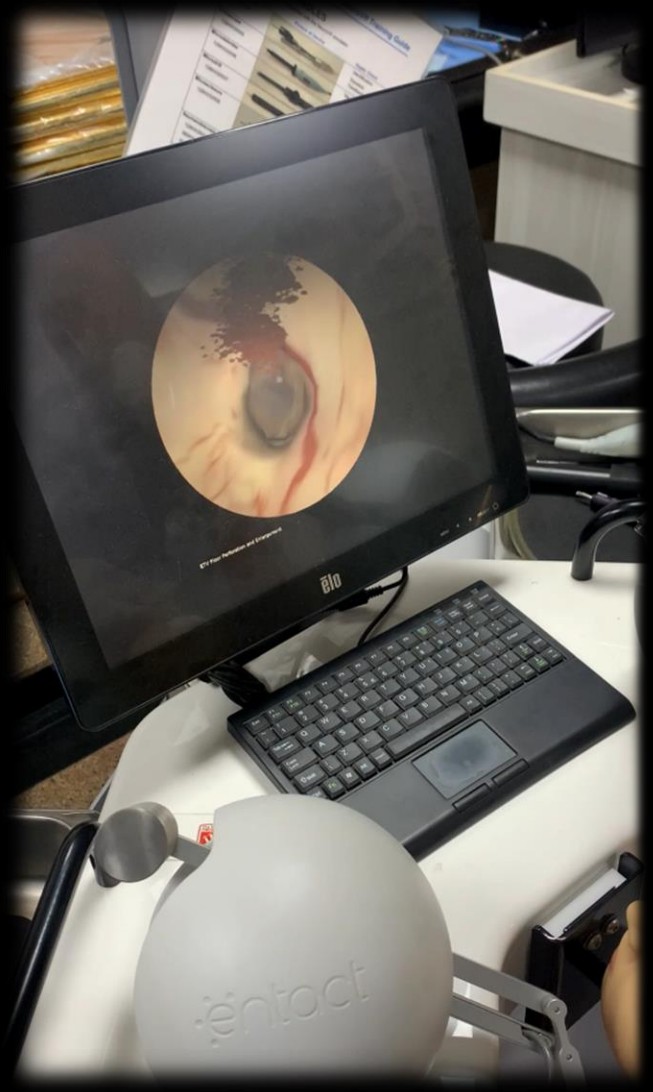

Please hold the scope carefully

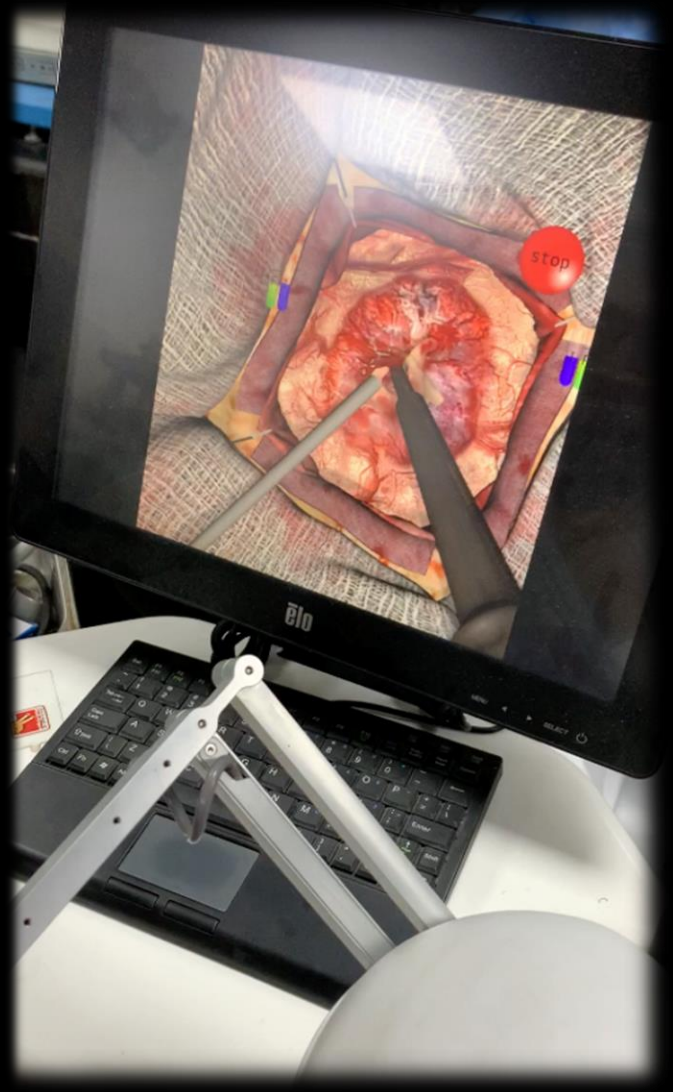

5
6
3
4
1
2
1
2
3
4
5
6


Excision of Colloid Cyst
Repair of Dural and Bony Defect


Acomp
BASILAR
PCA
III
SCA

SIMULACIÓN HÁPTICA E INTELIGENCIA ARTIFICIAL



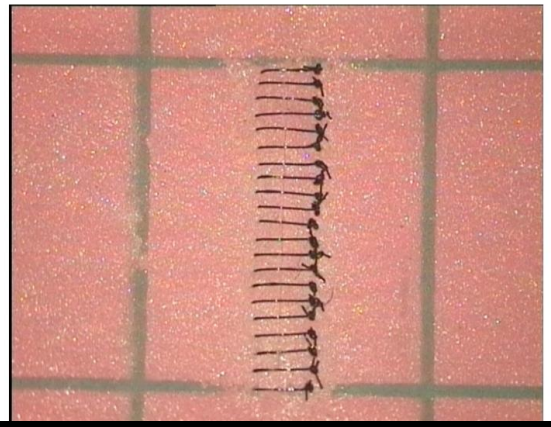


Suturing Effectualness Evaluation Report

Name:	Dr Jaime	**Program:**	4 Week
Thread / Magnification:	8-0 / 1.6	**Iteration:**	3

Parameter	Score
Time taken to complete:	0:47:43
Score for Inter Suture Distance:	6 / 10
Score for slack in the Suture:	7 / 10
Score for position of Suture:	6 / 10
Score for angulation of Suture:	7 / 10
Score for consistency in Size:	7 / 10

Overall Score: 7 / 10



CONCLUSIONES

- El entrenamiento microquirúrgico durante la residencia en neurocirugía es fundamental para el desarrollo de habilidades técnicas precisas y seguras

  - Adquisición de destrezas
  - Minimización de riesgos
  - Disminución del tiempo quirúrgico

  } **MEJORÍA EN EL RESULTADO CLÍNICO**

- Incorporación a los programas formativos como un ítem fundamental. Desarrollo de sistemas de evaluación

- Realidad virtual e inteligencia artificial. Futuro