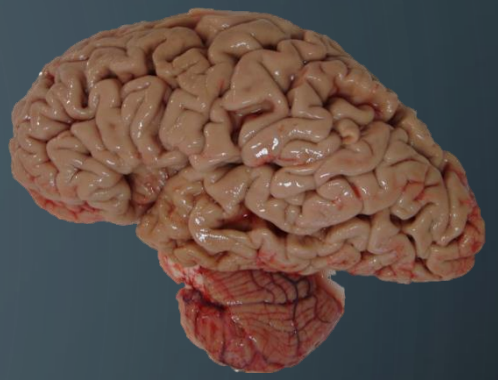
EJEMPLO 7



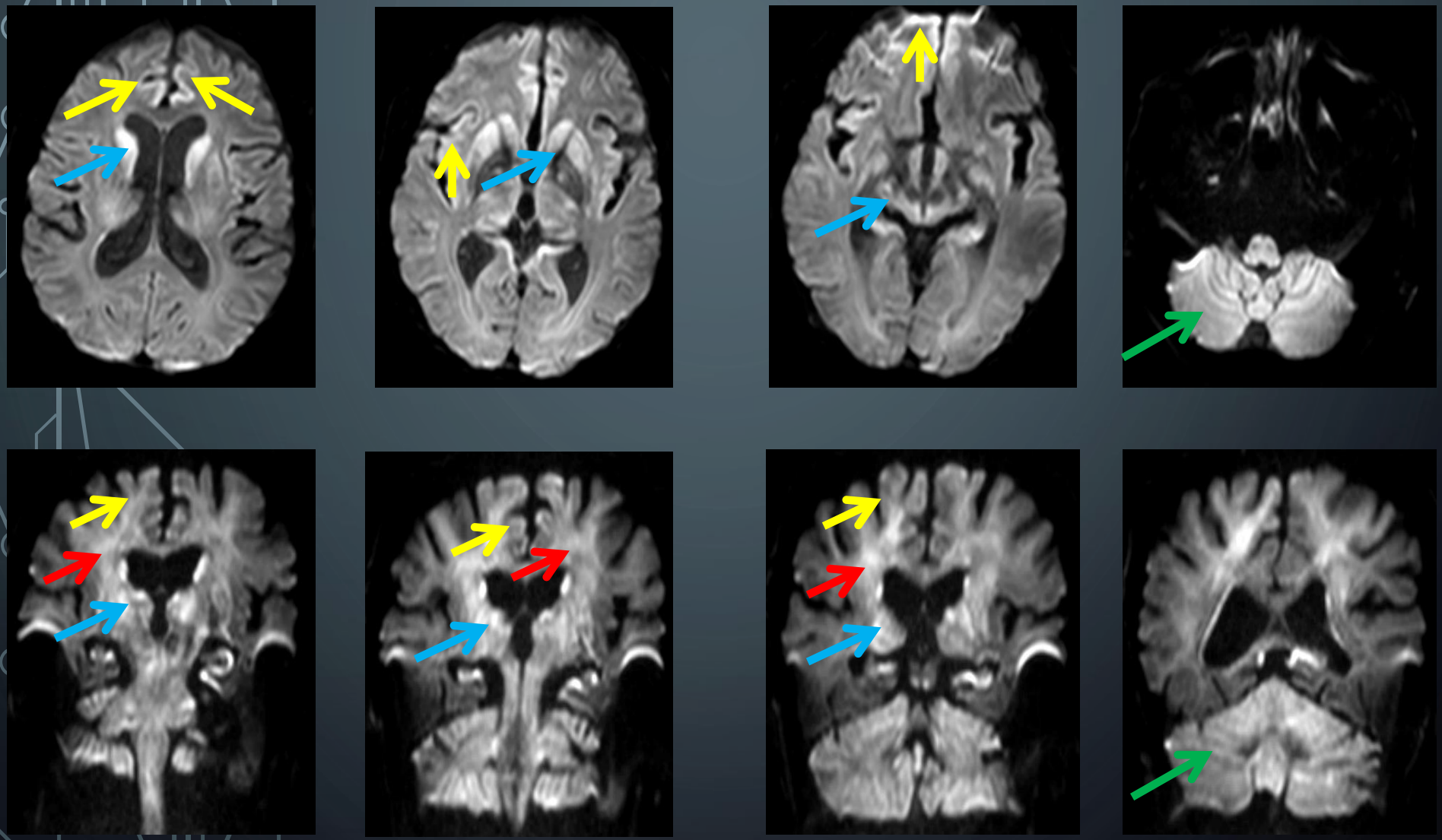
ENFERMEDAD DE CREUTZFELDT-JACOB 129VV2

DR. IVÁN FERNÁNDEZ VEGA MD,PHD

DEPARTAMENTO DE CIRUGÍA Y ESPECIALIDADES MÉDICO QUIRÚRGICAS
FACULTAD DE MEDICINA
UNIVERSIDAD DE OVIEDO

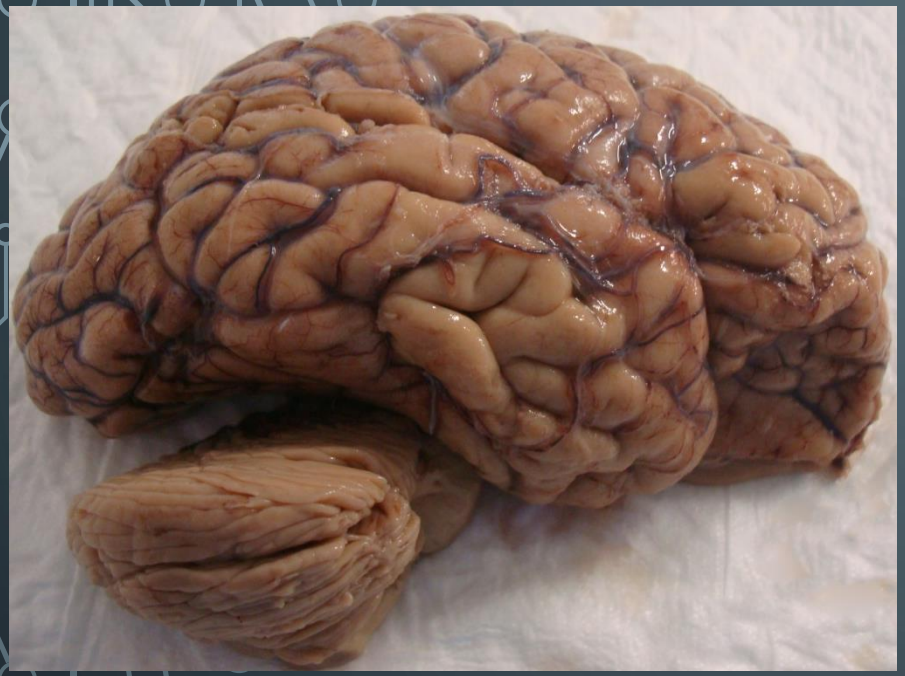
ESTUDIO RADIOLÓGICO

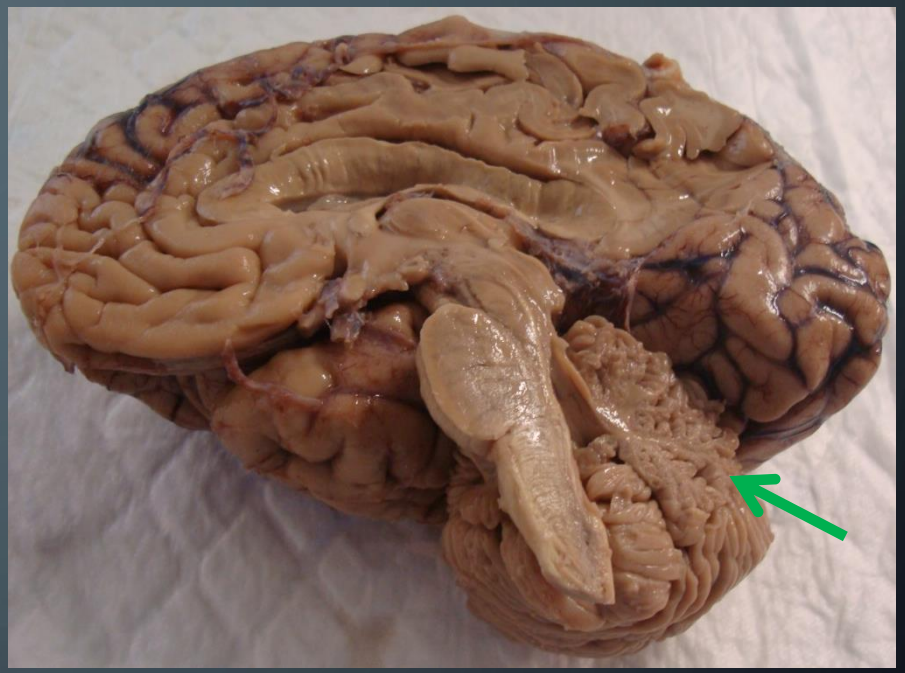
RESONANCIA NUCLEAR MAGNÉTICA



ESTUDIO MACROSCÓPICO

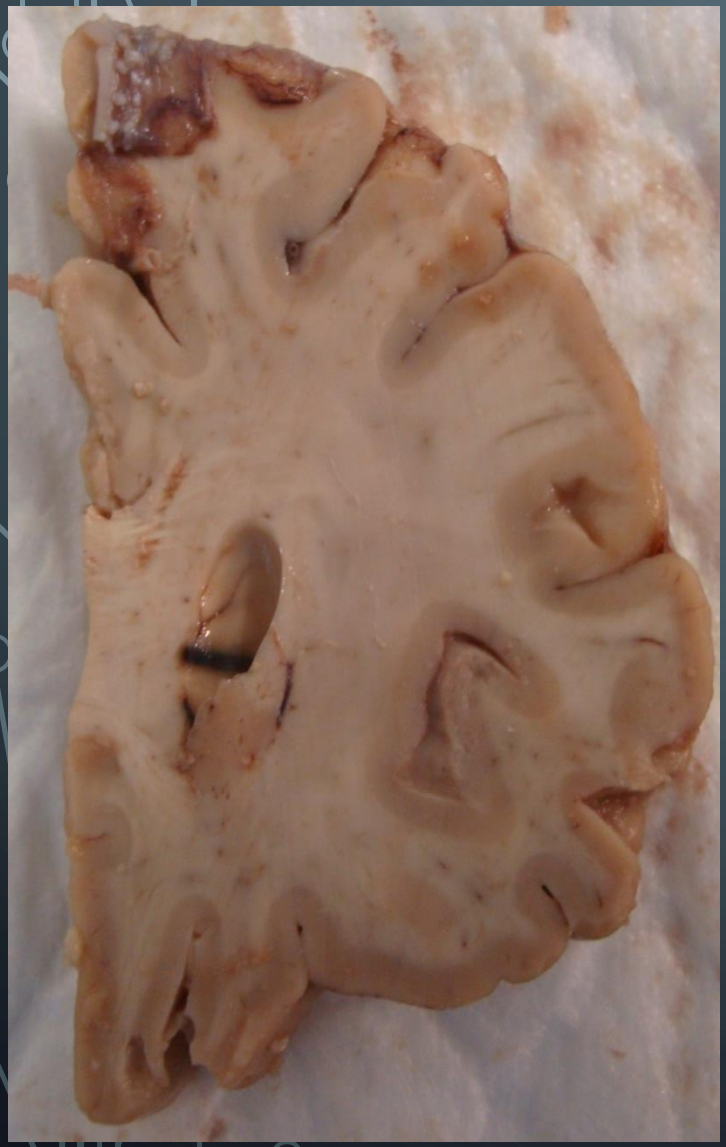
MACROSCOPÍA

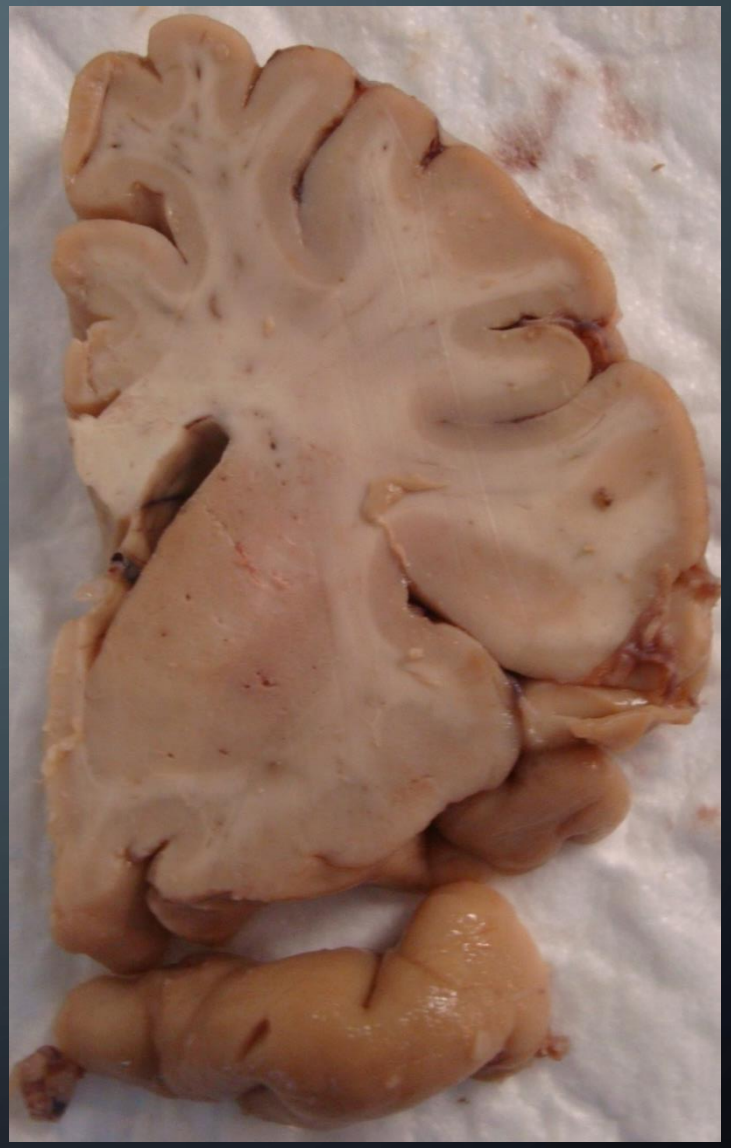




PESO completo:1400g

MACROSCOPÍA





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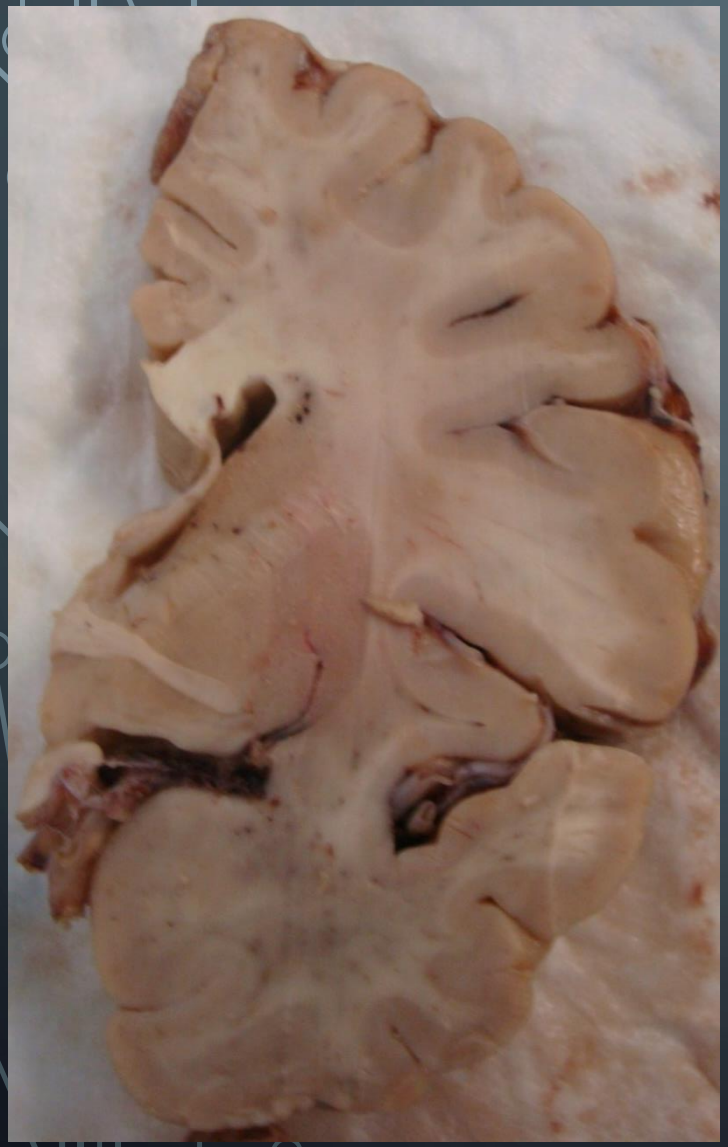

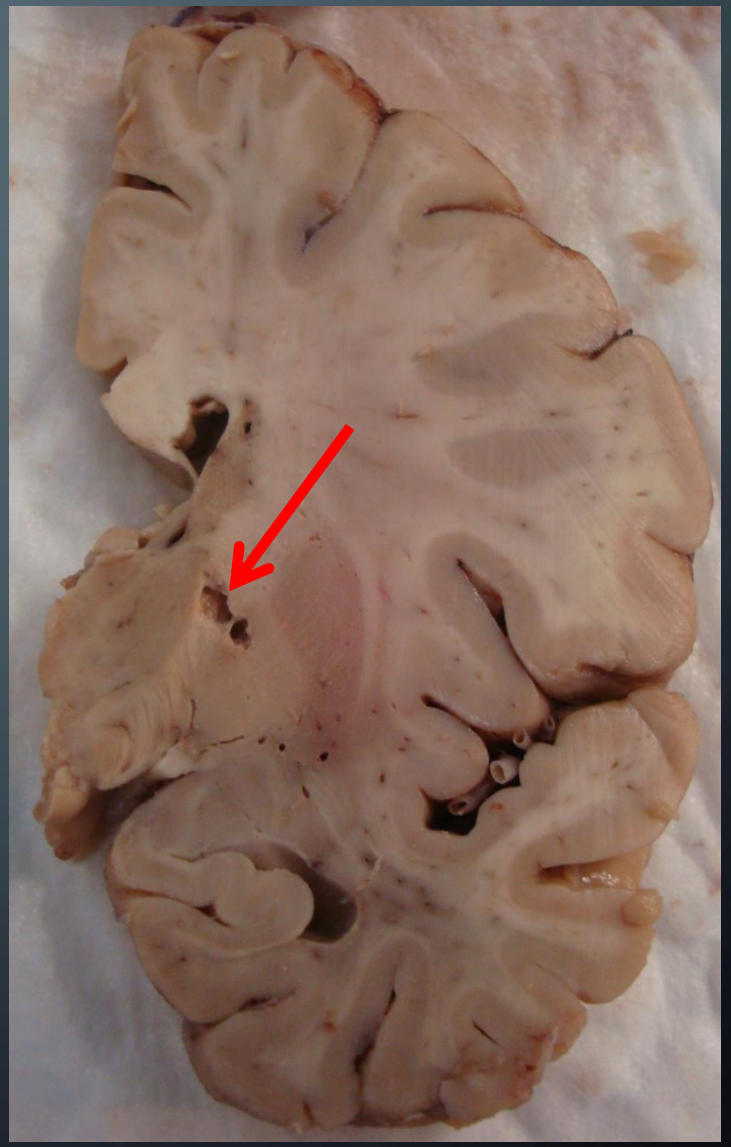

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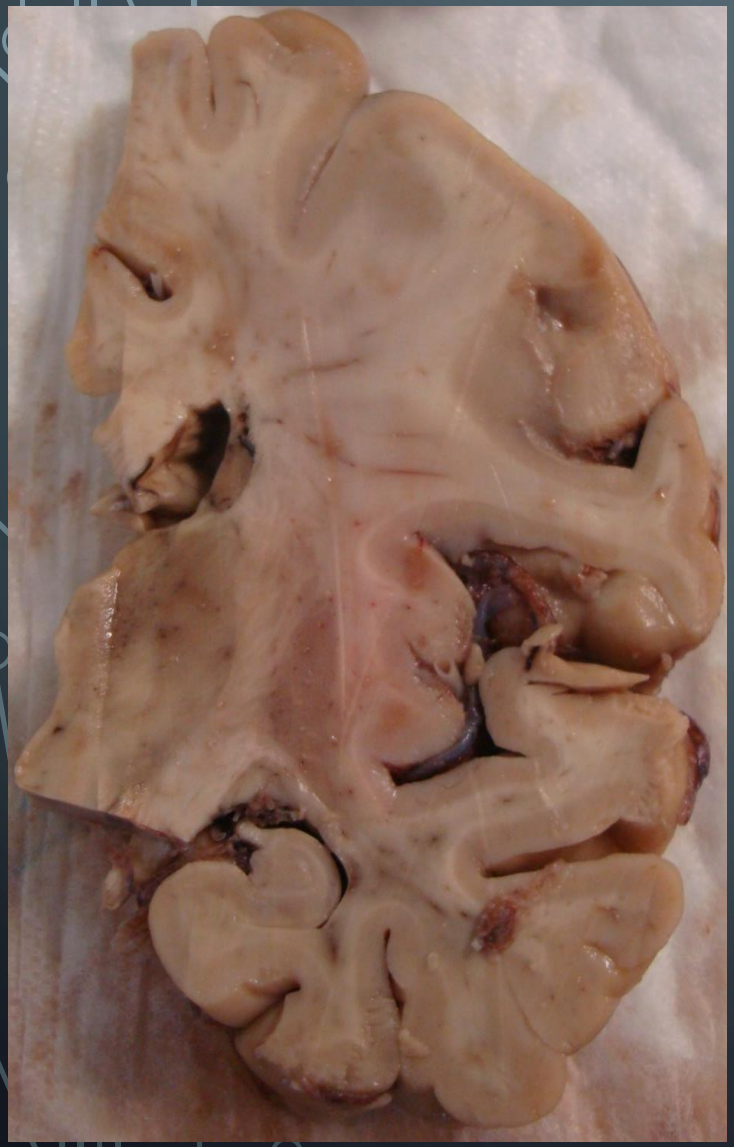

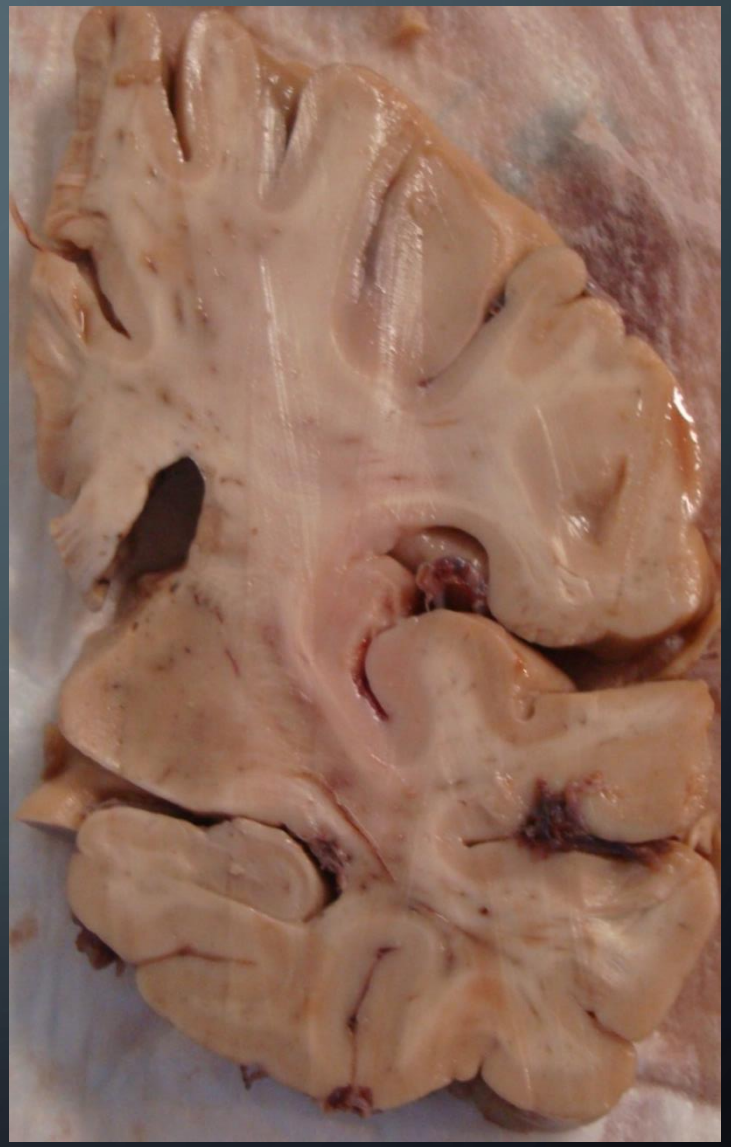

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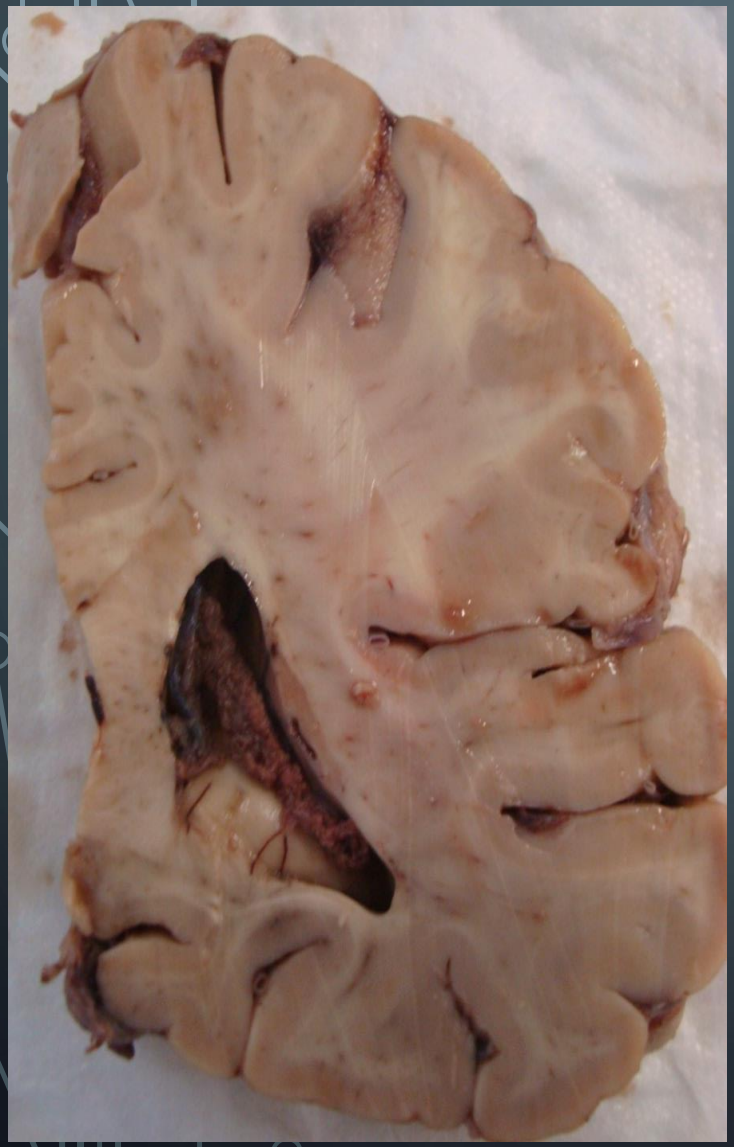

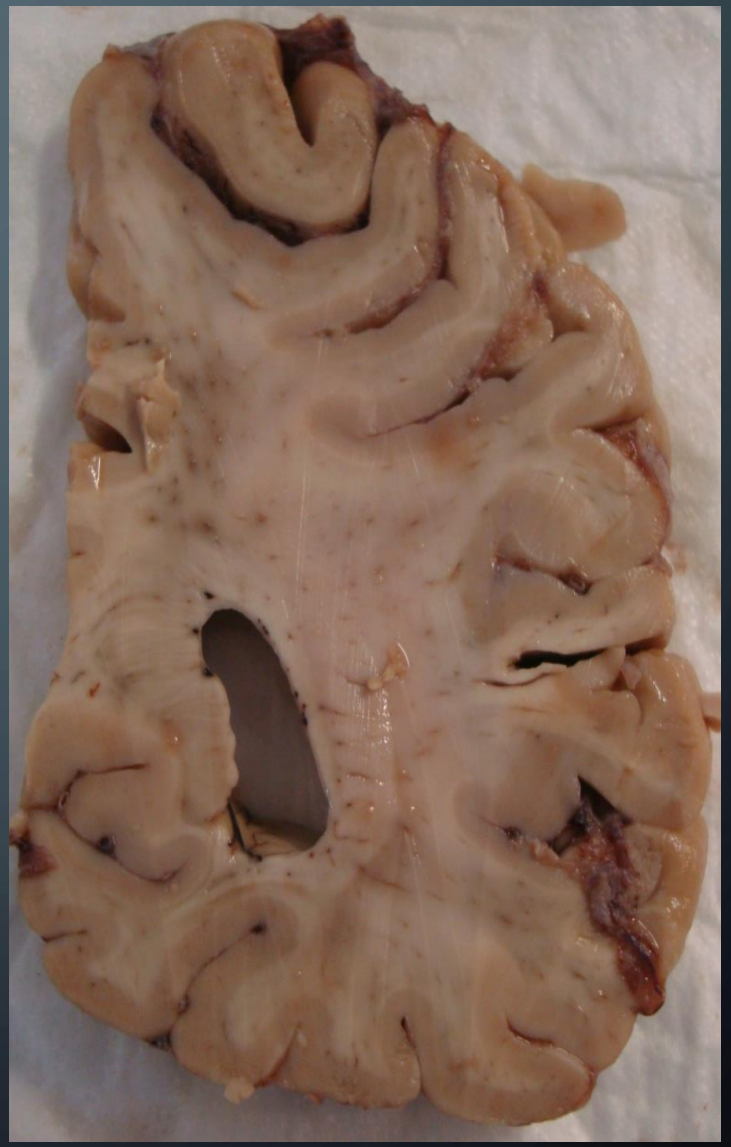

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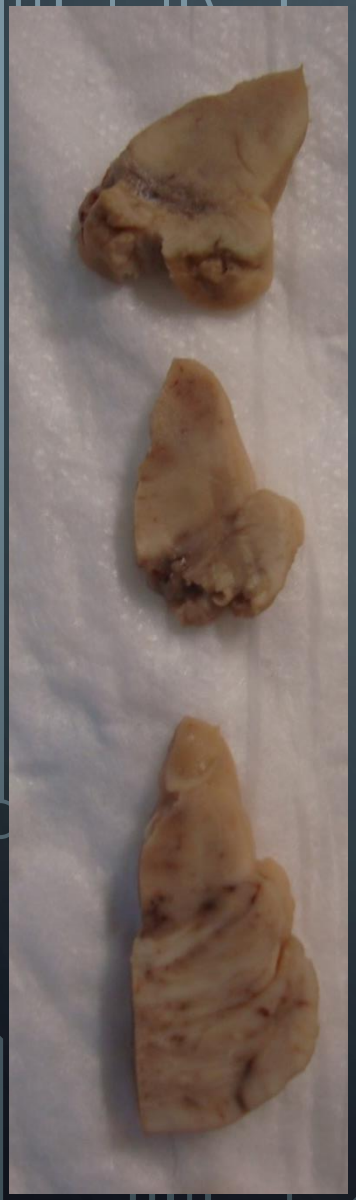
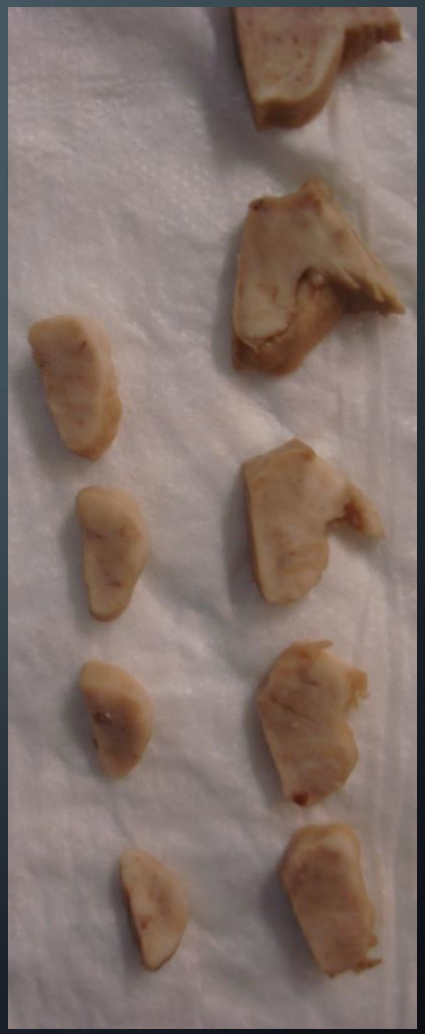
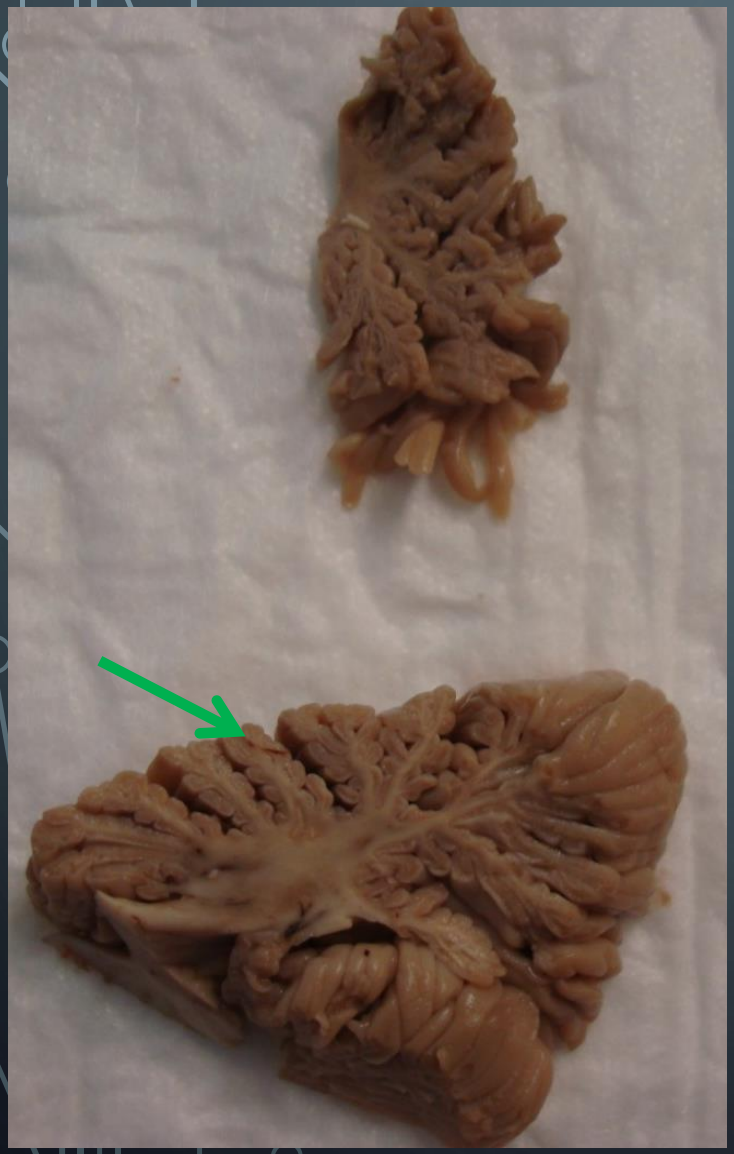
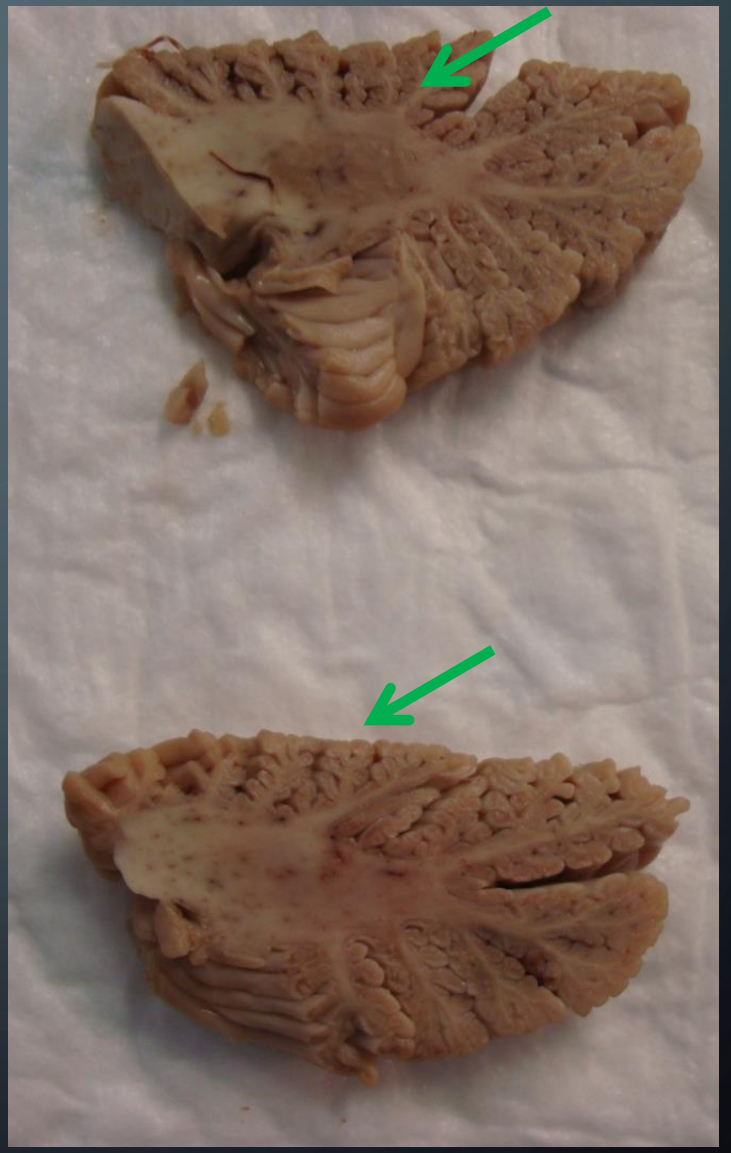




MACROSCOPÍA





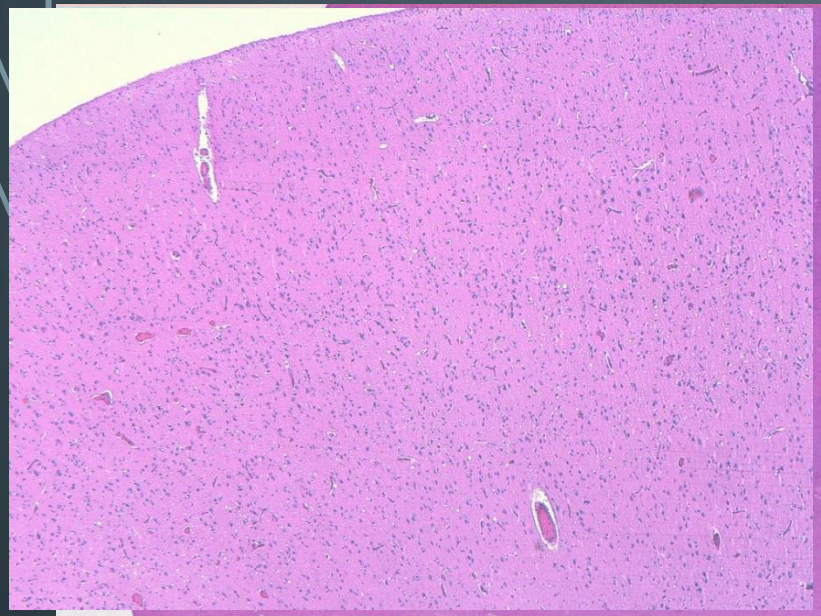
HALLAZGOS MACROSCÓPICOS

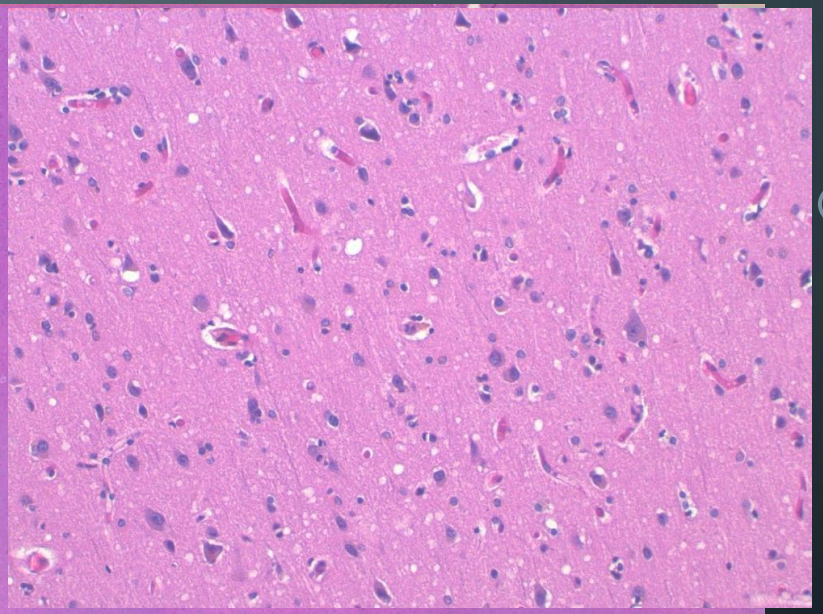
1. *INTENSA ATROFIA CEREBRAL*

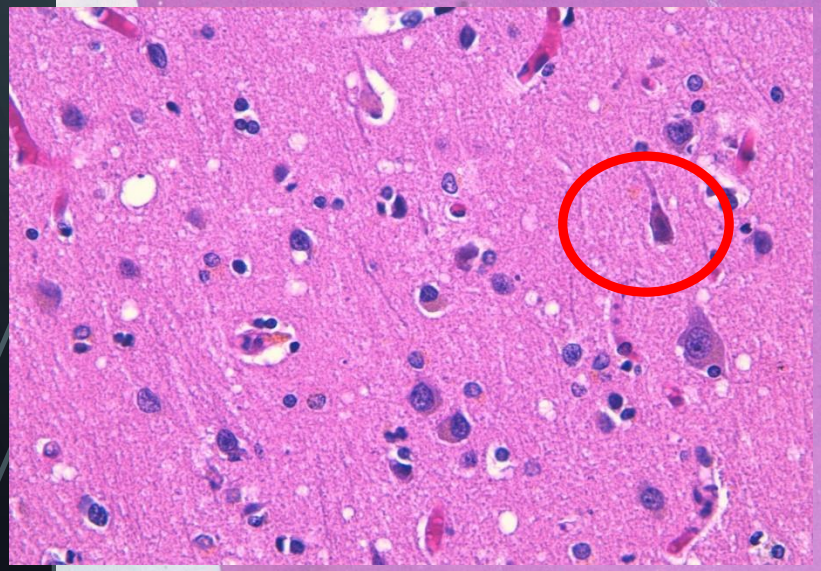
2. *INFARTO LACUNAR DE 1CM EN EL NÚCLEO PÁLIDO Y PARTE DE LA CÁPSULA BLANCA INTERNA DERECHA*

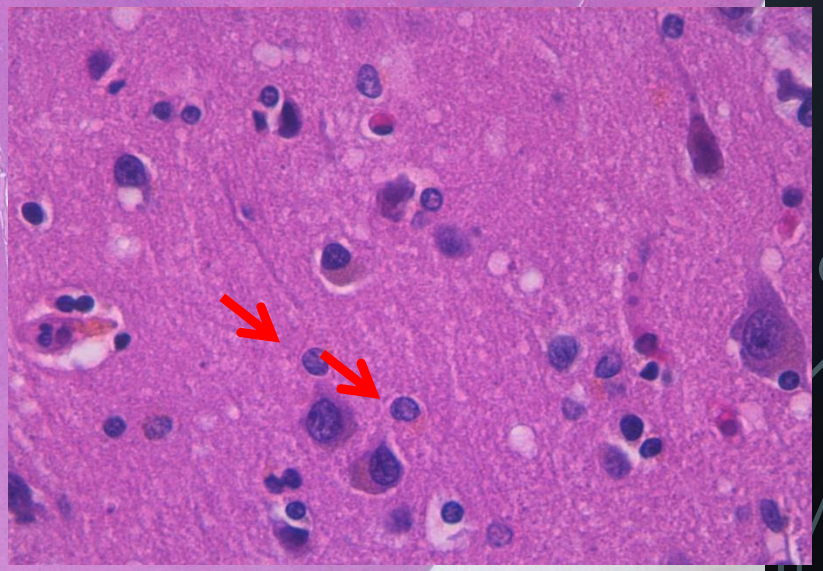
ESTUDIO MICROSCÓPICO

MICROSCOPÍA: CIRCUNVOLUCIÓN FRONTAL MEDIA

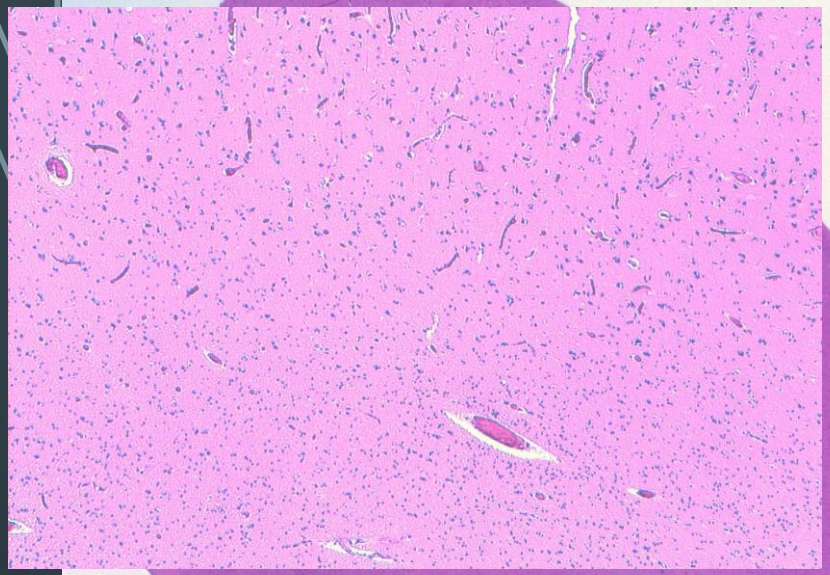


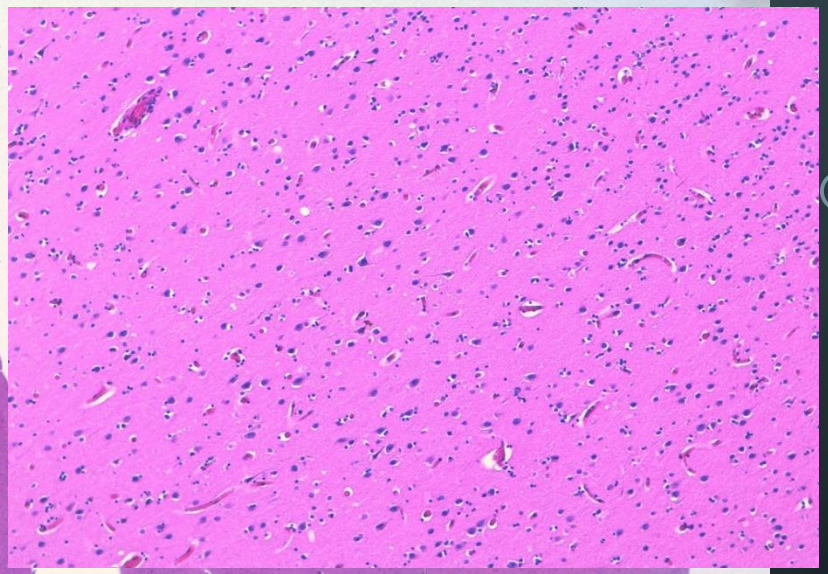


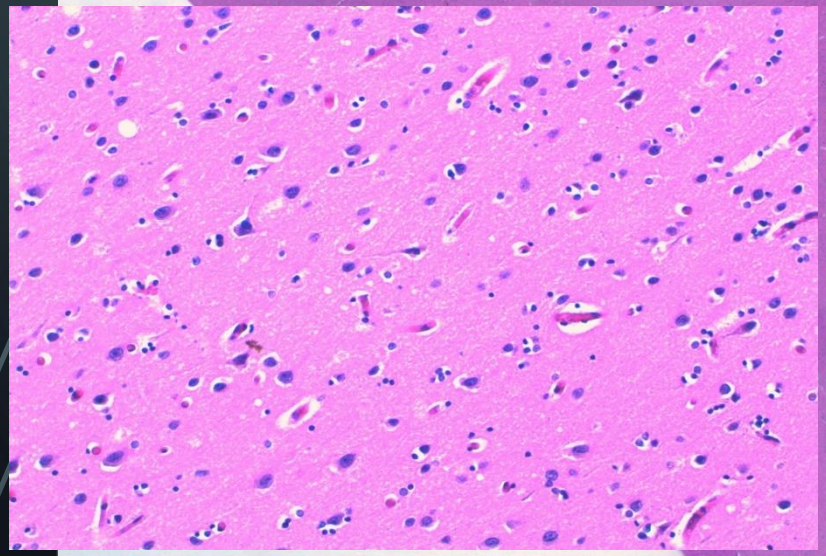


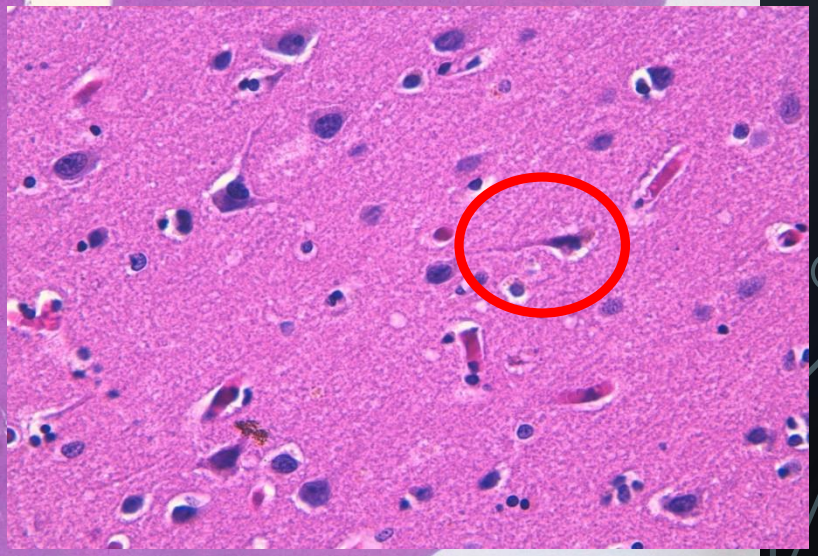


MICROSCOPÍA: CIRCUNVOLUCIÓN TEMPORAL MEDIA Y SUPERIOR

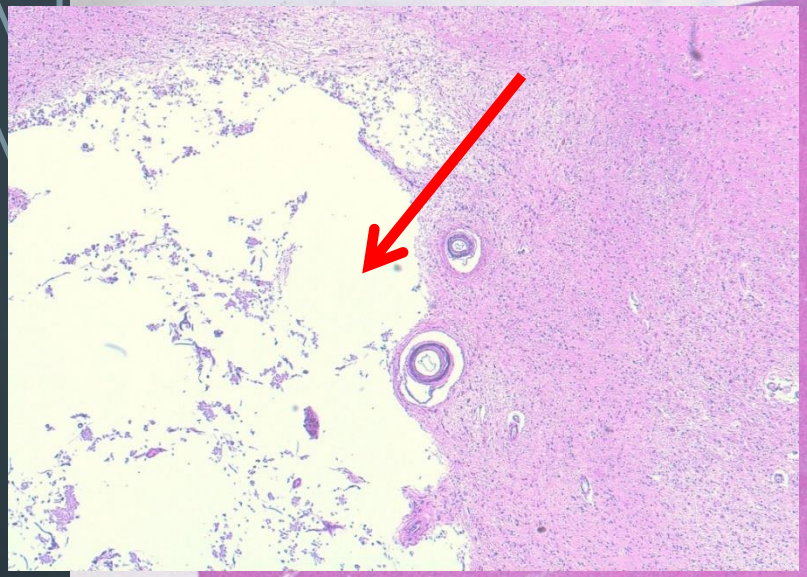


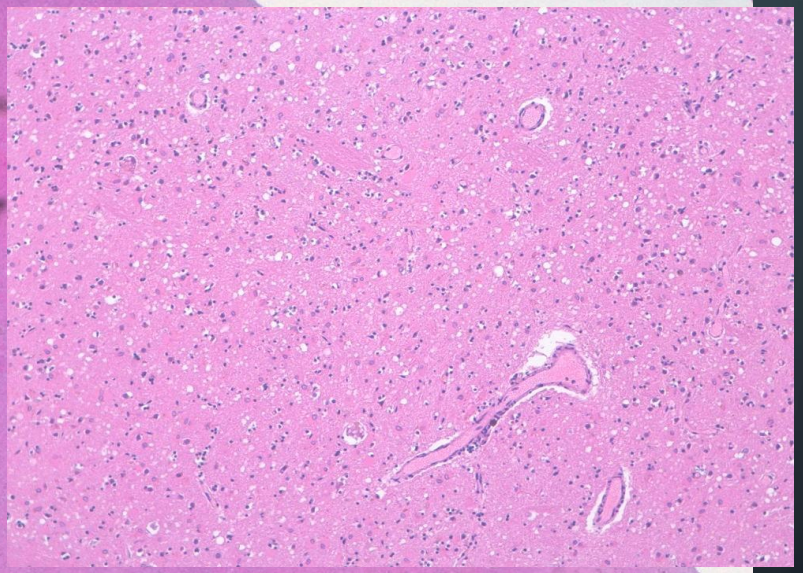


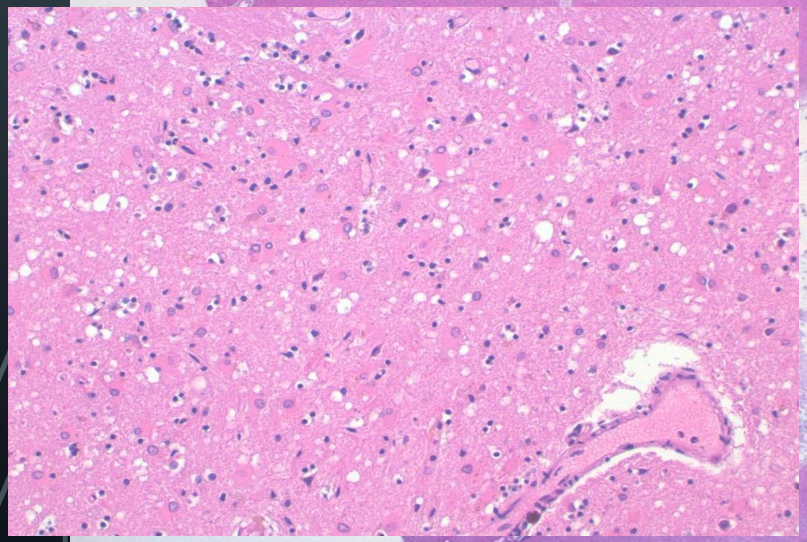


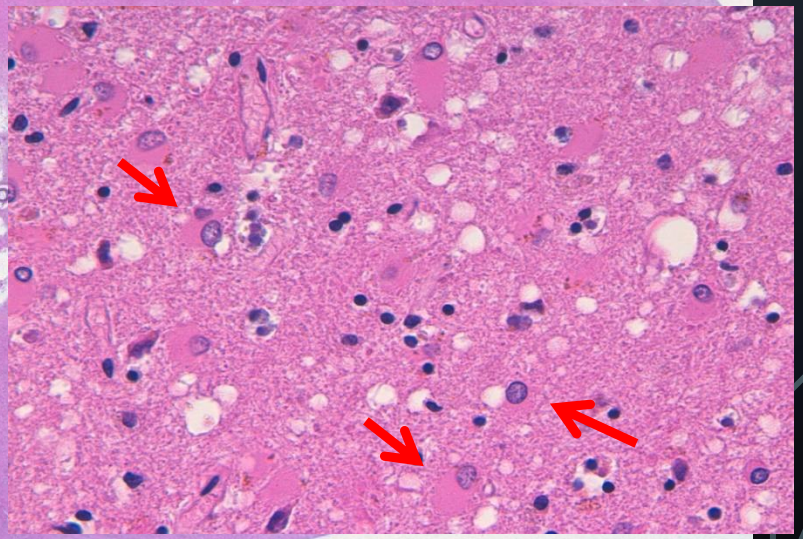


MICROSCOPÍA: NÚCLEO PÁLIDO

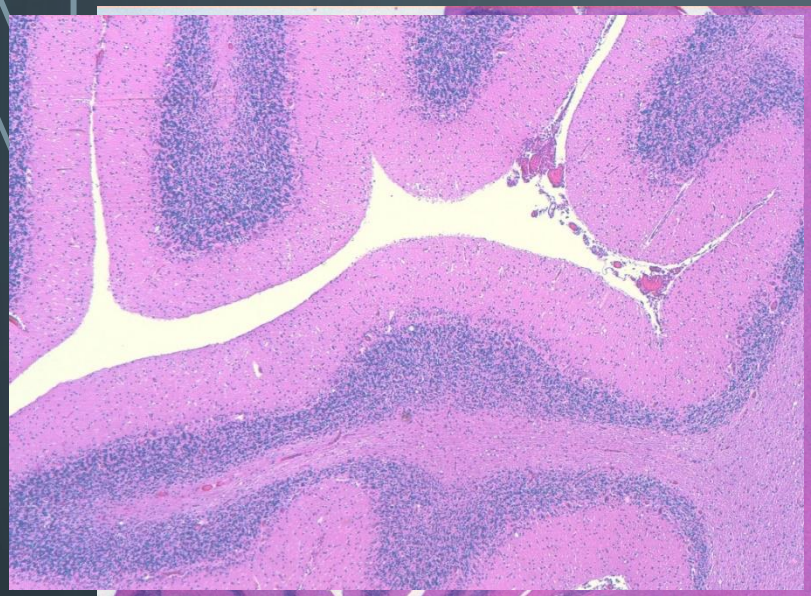


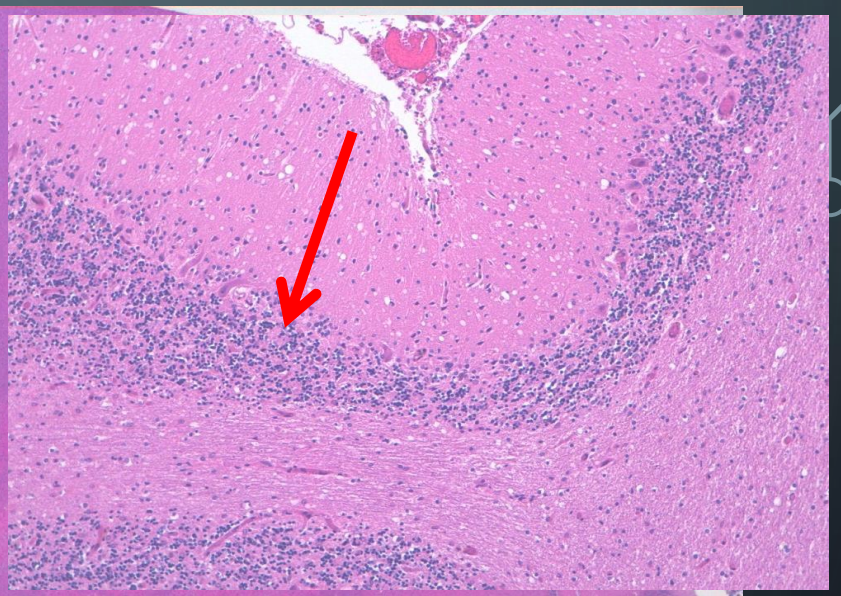


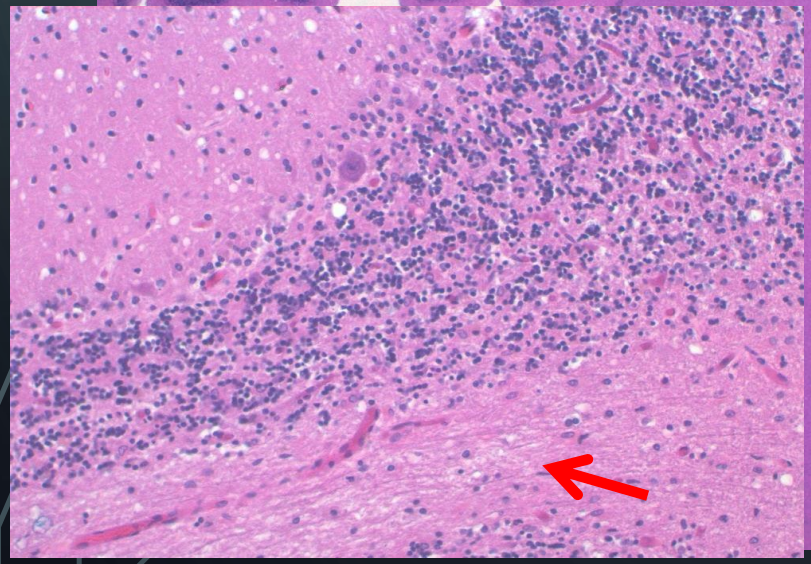


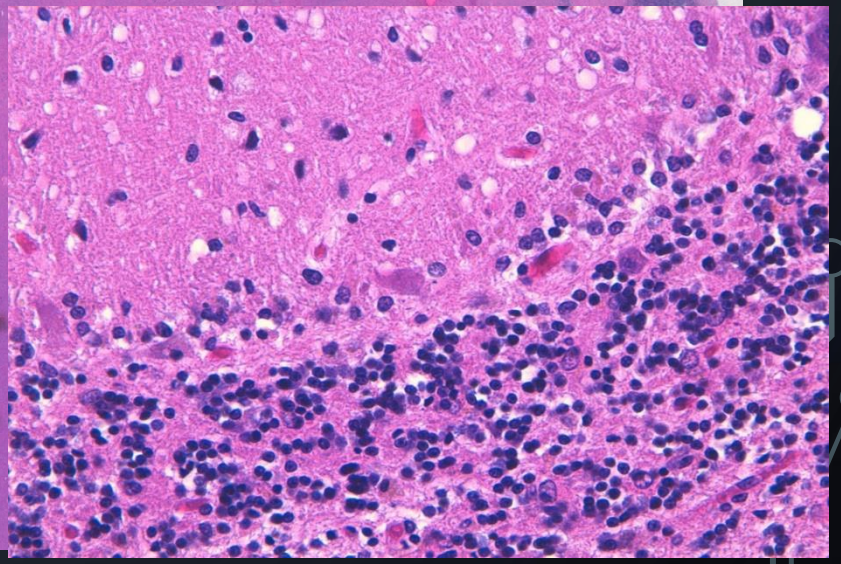


MICROSCOPÍA: CEREBELO



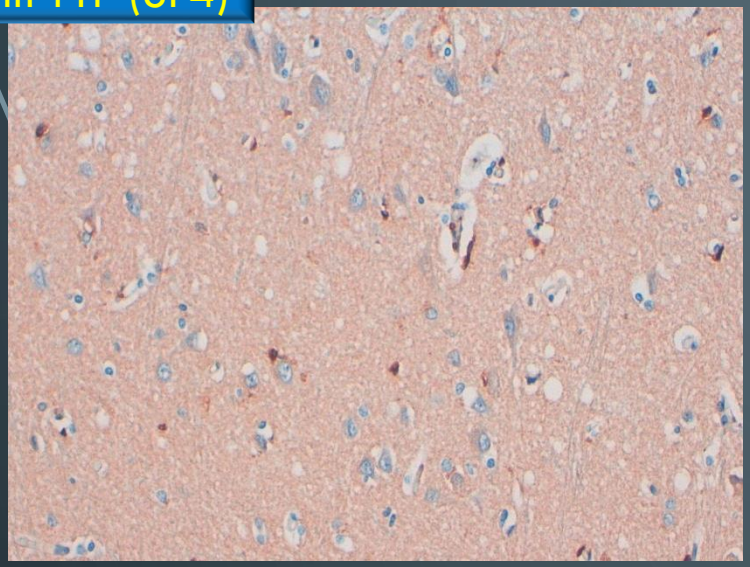


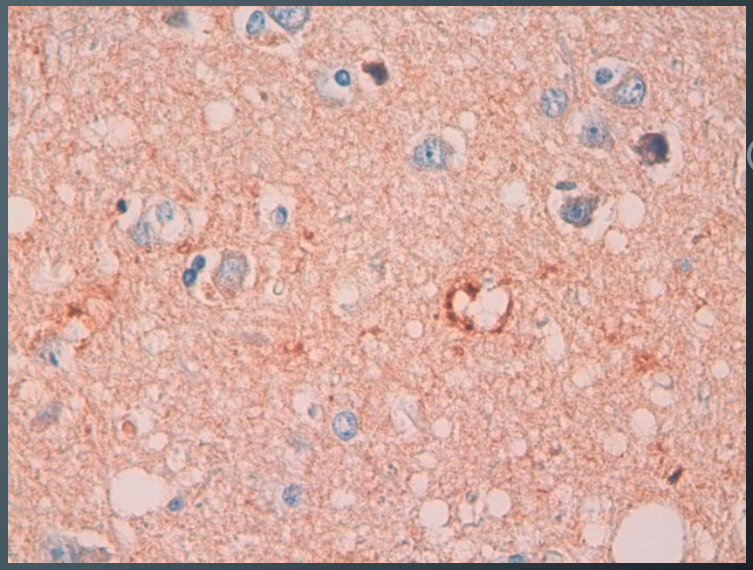


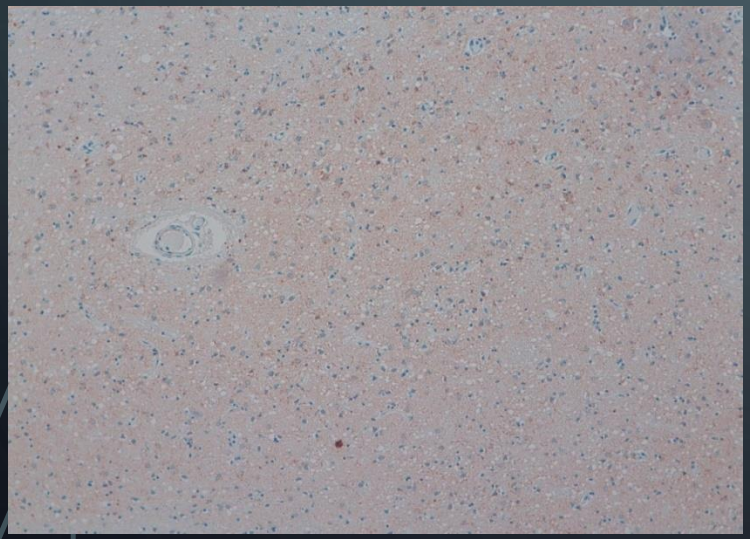


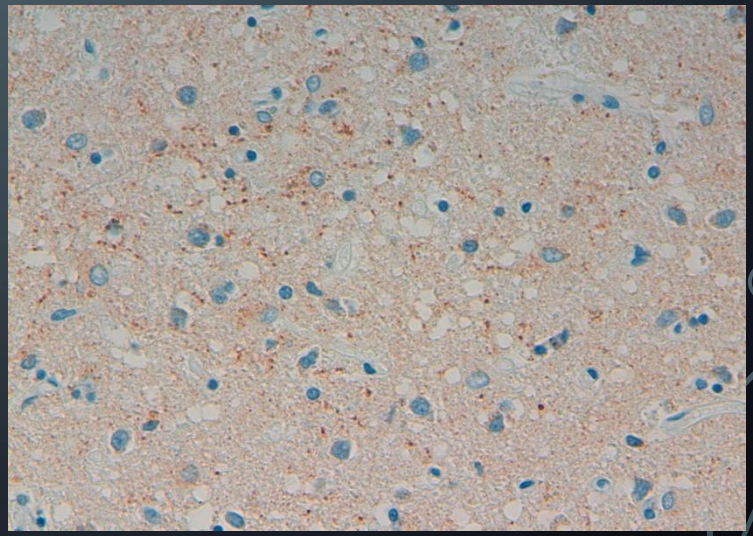
MICROSCOPÍA: INMUNOHISTOQUÍMICA

Anti-PrP (3F4)



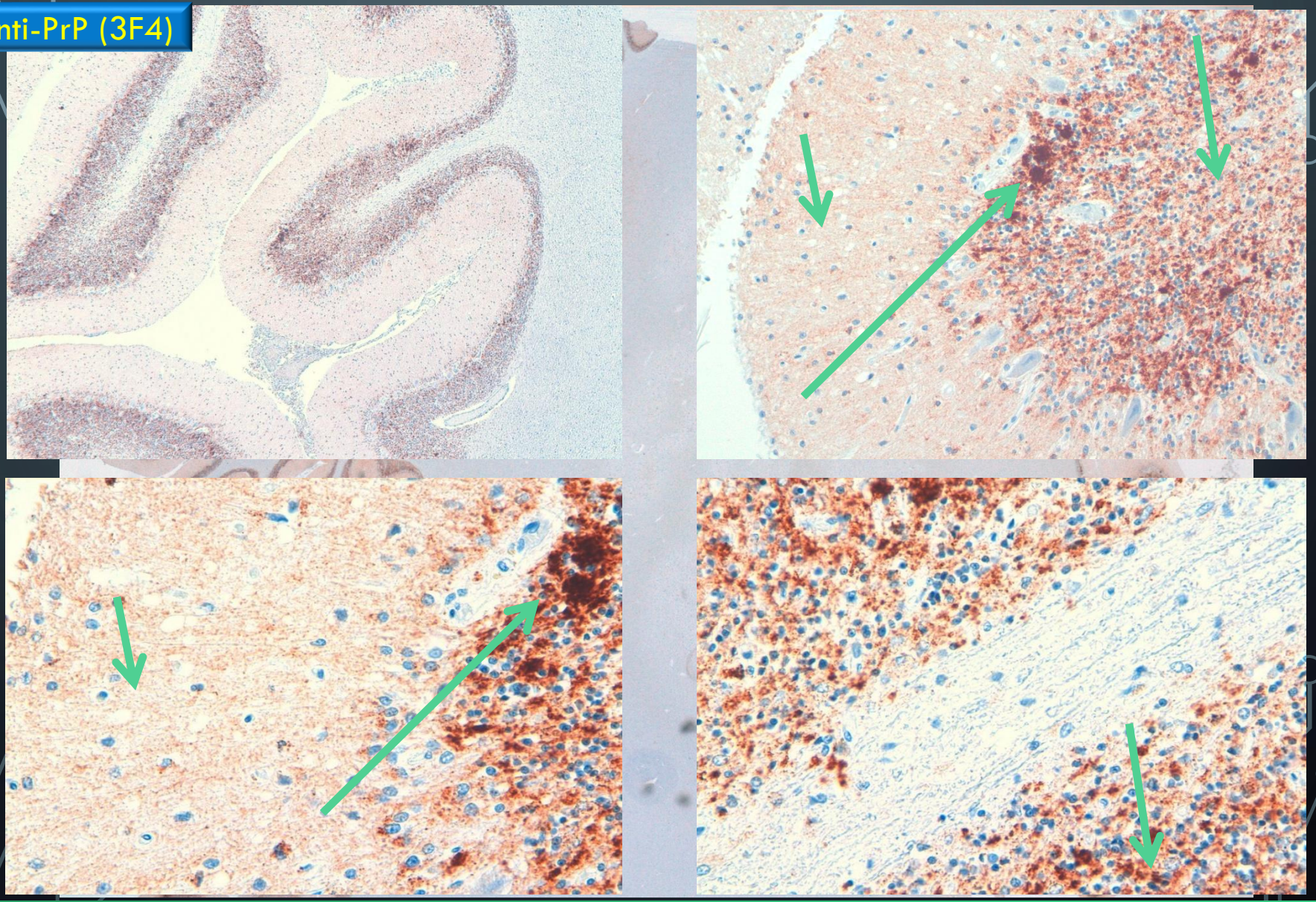






MICROSCOPÍA: INMUNOHISTOQUÍMICA

Anti-PrP (3F4)



HALLAZGOS MICROSCÓPICOS

1. CEREBRO

   CAMBIO ESPONGIFORME: Degeneración pan cortical microvacuolar (principalmente en los lóbulos frontal, temporal y parietal). Cambio espongiforme microvacuolar difuso afectando al estriado predominantemente.

   MODERADA PÉRDIDA NEURONA Y ATROFIA DE REMANENTES

   INTENSA GLIOSIS REACTIVA: cortical y subcortical

2. TRONCO EL ENCÉFALO: sin alteraciones destacables

3. CEREBELO: CAMBIOS ATRÓFICOS SEVEROS

   CAMBIO ESPONGIFORME: degeneración microvacuolar de la capa molecular

   Atrofia y pérdida de las células de Purkinje

   Intensa gliosis reactiva en la sustancia blanca.

HALLAZGOS INMUNOHISTOQUÍMICAS

1. CEREBRO

   Depósitos extracelulares de PrPsc: Tipo sináptico y perivacuolar.

2. TRONCO EL ENCÉFALO: no estudiado. No alteraciones destacables.

3. CEREBELO:

   Depósitos extracelulares de PrPsc: Tipo sináptico, granular y en placa.

No se observaron depóistos para las princiales proteinas implicadas en neurodegeneración (Tau, alfa-synuclein, TDP43, amyloid beta).

ENCÉFALO DE 1400g CON:

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FIN