Sparks Brain Preservation
A Non-Profit Organization | Established 2005

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https://sparksbrain.org

Case Report - Pet Patient 13 - 2026

Case Background

Feline

Case Data

Day 0 - Date of legal death. The family contacted us to inform us of their pet's legal death. The family shipped the pet overnight in a package containing a small amount of dry ice to our facility.
Day 1 - The pet patient arrived at our facility. The pet's head was cold but not frozen. The surgical procedure began immediately, with cephalic isolation and removal of the top of the skull and dura. The entire cephalon was placed into a solution of 10% neutral buffered formalin and placed into refrigeration for future brain isolation. This initial in situ fixation was done to reduce the risk of damaging the unfixed brain after this period of ischemia, and because the relatively small size of the pet's brain was expected to allow sufficiently rapid penetration of fixative into the brain under these preservation conditions.
Day 6 - The brain removal was performed. The macroscopic structure of the brain was intact. The pet patient's fixed brain was placed in a fresh solution of 10% neutral buffered formalin, which was placed into refrigeration for permanent storage.