



Sparks Brain Preservation

A Non-Profit Organization | Established 2005

HQ: 3265 Marietta St SE, Salem, OR

503-585-2781 (24/7)

<https://sparksbrain.org>

Case Report - Pet Patient 12 - 2025

Case Background

Feline

Case Data

Day 0 - Tuesday - Date of pronouncement.

Day 1 - Wednesday - The family contacted us informing of their pet's legal death.

- The family shipped the pet overnight on dry ice to our facility.

Day 2 - Thursday - The pet patient arrived at our facility. The surgical procedure began immediately, cephalic isolation and removal of the top of the skull. 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 because of a concern for damaging the unfixed brain after this period of ischemia, and because the relatively small size of the pet's brain made it so that the fixative would still penetrate relatively quickly under these preservation conditions.

Day 9 - Thursday - After 7 days of *in situ* immersion fixation, the brain removal was performed.

- 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.