



Sparks Brain Preservation

A Non-Profit Organization | Established 2005

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<https://sparksbrain.org>

Case Report - Patient 3 - 2015

Case Background

Male, Age: 58

He had a terminal brain tumor, but passed away unexpectedly while still fairly asymptomatic. The coroner refrigerated the body, but did not release it for an additional two days while other next of kin were sought.

A discussion with his significant other regarding cryonics revealed that he would have wanted preservation even if there was very low chance of recovering any memories. We took this case in order to respect his last wishes rather than because the prognosis was reasonable. The funeral director described the body as being in a state of decomposition. Because of this, it was not possible to ship the entire body to Oregon. We depended on a local autopsy technician to remove the brain.

Case Data

Day 0 - Monday - Actual date of legal death.

Day 1 - Tuesday - Date found and date of pronouncement.

Day 2 - Wednesday - Significant other / executor established contact with us.

Day 3 - Thursday - Released by coroner to funeral home. The patient's brain was removed by an autopsy technician. Placed in formalin and refrigeration.

Day 35 - Tuesday - The patient's fixed brain arrived at our facility, placed in formalin and refrigeration.

Day 38 - Thursday - Added 3% glutaraldehyde to formalin.

Day 65 - Wednesday - Began ramp with ethylene glycol.

Day 129 - Thursday - Reached 100% of target concentration and began equilibration.

Day 162 - Thursday - Equilibration complete. Moved to -20 deg storage.

Day 270 - Friday - Finished subzero cooling and transferred to liquid nitrogen.