



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 - Patient 21 - 2025

Case Background

Male, Age: 70

Case Data

Prior to pronouncement, the patient's family was coordinating with us regarding plans for immediate preservation upon the pronouncement of legal death. We identified a local pathologist who could perform the procedure (and had extensive experience in it) and made a plan in advance.

Day 0 - Thursday - Date of pronouncement. After pronouncement, a cooling pack was immediately placed over the patient's head within one minute. The patient's body was then placed into the hospital morgue for rapid cooling after around 45 minutes. After transport to the location of the pathology service, the patient's brain was removed between the time frame of 3:02pm-4:27pm, fully immersed into 20% neutral buffered formalin for immersion fixation and returned to refrigeration at 42 degrees F.

Day 36 - Friday - We coordinated with the pathologist for secure packaging and transport of the patient's fixed brain.

Day 40 - Tuesday - The patient's fixed brain was packaged and shipped to us overnight.

Day 41 - Wednesday - The patient's brain arrived via the mail at 10 am. It was immediately transferred to a container with 10% formalin and 2% glutaraldehyde and placed into refrigeration.