

DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE

Brian Harding, MD, PhD Neuropathologist 324 S. 34th ST Suite 5139, Main Building Philadelphia, Pennsylvania 19104-4399 Office Fax

## NEUROPATHOLOGICAL REPORT

Requested by "The Inquiry into Hyponatraemia Related-deaths in NI"

## Background:

This supplementary report follows questions raised in relation to the report of 22.8.2007 to PSNI, concerning the post-mortem neuropathology in the case of <u>Claire Roberts</u>, d.o.b. 10.1.1987, d.o.d. 23.10.1996

Request of 18.3.2011 from Counsel to The Inquiry into Hyponatraemia Related-deaths in NI for a response to the following question :

Whether, in your experience, an acute and fulminant encephalitis causing cerebral oedema, coming and death in the space of three days could occur in the absence of clear neuropathological changes, possibly as a result of the rapidity of development of such an infection.

## Answer:

My experience does not support this contention. Given the marked degree of brain swelling noted clinically (including papilloedema and CT scan) and confirmed at postmortem, I consider it extremely unlikely that microscopic evidence of encephalitis would not be evident by 3 days. I have seen it occurring within 36 hours.

Brian Harding, MA DPHIL BM BCH FRCPATH

Professor of Pathology & Laboratory Medicine University of Pennsylvania March 24, 2011

CR - EXPERT 235-002-001