

**EXPERTS' MEETING**  
**9<sup>th</sup> March 2012**

**NOTE TO PROFESSOR KIRKHAM FOLLOWING EXPERTS' MEETING**

We refer you to your Addendum Brief arising out of your preliminary Report of 16<sup>th</sup> February 2012 and the Experts' meeting on 22<sup>nd</sup> February 2012. The matters set out below are additional queries arising out of the Experts' meeting on 9<sup>th</sup> March 2012. Please regard these as part of your Addendum Brief:

1. You indicated you wished to look at a paper on the Cushing response which you wrote in 1997, and to comment on this in relation to Adam's case.
2. Please provide a copy of the Horowitz article in 1980 to which you referred in the meeting.
3. We enclose for your consideration and comment:
  - (a) British Association of Paediatric Nephrologists paper referred to by Dr. Coulthard including the slide which he showed the Experts during the meeting
  - (b) Article entitled "Measuring CVP"
4. You previously stated that you would review the article/case report of A. Finbery in 1970 and the diabetic literature on the rate of fall of sodium. We would be grateful if you could now provide same.
5. You previously stated that you would review your position on free water after considering the literature. We would be grateful if you could now provide same.
6. Please comment on the rate of fall of Adam's sodium level (which according to Dr. Coulthard was at least 6mmol/hr) and the effect of that. In particular please comment on the rate of fall of Adam's serum sodium concentration (a) during the first hour of his surgery and (b) from the start of surgery until 9.32am on 27<sup>th</sup> November 1995.
7. Please comment on what specific features made Adam different from the other typical 4 year old boys who undergo renal transplant surgery, who routinely have his features/and potential risk factors eg. they all previously had central lines, were previously anaemic, would all have had loss blood in the transplant surgery and required transfusion, were on erythropoietin, had low urine output and were unable to regulate their urine sodium.

8. Please comment on your review of the children undergoing renal transplant surgery.
9. In relation to Adam's brain stem tests, these were carried out by Dr David Webb, Consultant Paediatric Neurologist, at 19.35 on 27<sup>th</sup> November 1995 and 09.10 on 28<sup>th</sup> November 1995. The results of these tests are seen at Ref: 058-004-009. Please comment on the fact that Adam was still hyponatraemic when his brain stems death tests were carried out and whether this was appropriate, and the reasons for your answer. Please state what you would have expected to have been done in 1995, by whom, when, why and what difference, if any, that it would have made to the outcome of Adam's case.
10. Please comment on the following:
  - (a) It appears that Adam was given diazemuls at approximately 13.20 on 27<sup>th</sup> November 1995 resulting in no effect (Ref: 058-005-011, 058-035-137 to 058-035-138, 058-038-153).
  - (b) The note of Dr. Webb in Adam's medical notes at 19.30 recording "*On No muscle relaxants or sedation*" (Ref: 058-035-139).
11. You indicated that you wished to say more about PRES in your report.
12. You indicated that you would comment on the supposed obligatory blood pressure increase described in patients like Adam and you would examine the literature also on cases where there were not substantial blood pressure increases.

#### LIST OF DOCUMENTS TO BE SENT

- British Association of Paediatric Nephrologists paper referred to by Dr. Coulthard including the slide which he showed the Experts during the meeting
- Article entitled "Measuring CVP"

13 March 2012