The ROYAL HOSPITALS

7th June 1996

THE ROYAL BELFAST HOSPITAL FOR SICK CHILDREN

11.06.96

Dr.G. turnaghan Medical Administrator KEB

Dear George

1. Mr. Brang und V 2. Dr. Taylor 3. Dr. Geofon

RE: ADAM STRAIN

I have received your fax regarding Adam Strain's Inquest and the points raised by Dr. Sumner's report.

1. INFORMATION REGARDING THE CHILD'S URINARY OUTPUT PRIOR TO

Urine output in incontinent children in nappies can only be measured by inserting a urinary catheter. This is not standard procedure. We know that Adam Strain regularly, over many months, received 2100mls of nutritional fluid each day. Continuous gastrostomy infusion of 1500mls overnight. Since the was receiving 2100mls per day and his insensible loss from the was receiving 2100mls per day and his insensible loss from this urine output per hour is likely to have been around admission to hospital and early transfer to theatre he only feed. This means that he would have been some 600mls behind one would therefore take this deficit into account.

Assuming the normal urine output for Adam was approximately 70mls per hour or in Dr.Sumner's words 75mls per kilogram I think it is acceptable that the maintenance fluids during deficit. The infusion rate per hour would then vary on how per hour would have ensured that the deficit. Giving 200mls four to five hours. Giving 150mls per hour this would have taken much longer. The difference between the two figures of period of the operation and I doubt if this difference would have given rise to hyponatraemia.

2. It is true, after examining the notes, that I have said that Adam's electrolytes should have been repeated before going to the theatre. The junior staff involved were unable to obtain pursued in the ward situation.

PATRON: HITH The Duches of Kent The Payel Victoria Havelest

THE ROYAL GROUP OF HOSPITALS AND DENTAL HÓSPITAL FEARTH AND SOCIAL SERVICES TRUST

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Adam strain cont.....

2.con#'d

I understand that venous access was readily achieved in theatre and therefore it would have been possible to check the electrolyte picture at that stage.

I am not sure whether these comments are particularly helpful and obviously we will need to discuss them further.

Yours sincerely

MAURICE SAVAGE

CONSULTANT PAEDIATREC NEPHROLOGIST

/MG

PATRON: HAT The Duches of Kent

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