From the Chief Medical Officer Dr Henrietta Campbell CB



Department of Health, Social Services and Public Safety

An Roinn

Sláinte, Seirbhísí Sóisialta agus Sábháilteachta Poibl

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SPERRIN LAKELAND TOUST C.E. OFFICE 1 2 MAR 2004 RECEIVED

Chief Executives of Acute / Acute & Community Trusts

Or Cody

Please confirm current

Mo d'hume situation and any recent

audit to anothe me to

sepond: Applith 14/3

Dear Colleague

Your Ref: Our Ref:

Tel: Fax:

Date: 4 March 2004

PREVENTION AND MANAGEMENT OF HYPONATRAEMIA

In March 2002, guidance on the prevention of hyponatraemia in children was issued to all Trusts. The guidance emphasised that every child receiving intravenous fluids should have a thorough baseline assessment and monitoring to prevent the development of hyponatraemia. An A4 sized black and white copy of the guidance is attached and it may also be accessed on the Departmental website www.dhsspsni.gov.uk . Large laminated posters were distributed to all Trusts which should now be displayed in appropriate clinical areas.

When the guidance was issued, Trusts were encouraged to develop local protocols to complement the guidance and to provide specific direction to junior staff. Emphasis was given to the need to ensure implementation of the guidance in clinical practice. It was also noted that the guidance should be supplemented locally in each Trust with more detailed fluid protocols relevant to specific specialty areas.

Following the development of guidelines for fluid replacement in children the Clinical Resource Efficiency Support Team (CREST) drew up guidance on The Management of Hyponatraemia in Adults. These guidelines focussed on the diagnosis and treatment of hyponatraemia in adults and included infusion guidelines. This was made available in the form of wall charts which were circulated widely last year. [Further copies are available if required from the CREST Secretariat **(2** The purpose of this letter is to ask you to assure me that both of these guidelines have been incorporated into clinical practice in your Trust and that their implementation has been monitored. I would welcome this assurance and ask you to respond in writing before 16 April.

Yours sincerely

Dr Henrietta Campbell

Copied to: Medical Directors of Acute Trusts Directors of Nursing, Acute Trusts Chief Executives of HSS Boards Directors of Public Health

LC - SLT



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HOUSE CONTRACTOR STATE OF THE PROPERTY OF THE

M. M. and fluids (including medicines) must be recorded and Wintake reduced by sources

a serilor member of medical suiff starting those requirements should be reassessed by tracillo sull needs prescribed fluids after 12 hours CPSIX Treasure and record all losses (unite, voireers plantional archae accurately as possible

Biochemistry: Blood sampling for U.S.F. is essential in least once a day, more often if there are significant. orse or If clinical course a not as expected heliate at when sodium falls is as important as the

Consider using an individual the pacinised cannula co consequences. accompanied by rapid fluid shifts with ranfor clinical plasma was Alsodiannahas falls quickly may be

Capillary samples and adequate if venous sampling is no Do not take samples from the same limb as the IV allesses Inna omnomity/sodium: Very useful in hypomateuers

Compare to plasma osimolarity and consult a sense Paddistictan octa Chamical Pathologist in interpreter

Chemical Pathologist Predictificate Consultant Anaesthetist or Consultant memberg medical stail, for example a Consultant Adversing intellingueshould be obtained from a similar

Their should be sought from Consultant Paediatricans

lighboorent of problems that cannot be resolved local

Antiasthousts at the PICU, RBHSC

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