

Garrett, Elizabeth

From: Garrett, Elizabeth
Sent: 23 October 2001 13:35
To: McCarthy, Miriam
Subject: FW: PREVENTION OF HYPONATRAEMIA IN CHILDREN RECEIVING INTRAVENOUS FLU IDS

-----Original Message-----

From: Jarlath.McAloon [redacted]
[mailto:Jarlath.McAloon@redacted]
Sent: 18 October 2001 18:38
To: Garrett, Elizabeth
Subject: Re: PREVENTION OF HYPONATRAEMIA IN CHILDREN RECEIVING INTRAVENOUS FLU IDS

Thanks for sending me a copy of the draft.

The only difficulty I have at present is the guidance for calculating the maintenance fluids which is potentially confusing as currently laid out.

e.g. as presently constructed " For second 10kg - 40ml + 2mls/kg/hr", taking a 20kg child as an example, could be interpreted as 40ml + 40ml/hr = 80 ml/hr whereas what is intended is

$40\text{ml/hr} + (20\text{kg} - 10\text{kg}) \times 2\text{mls/hr} = 60\text{ mls/hr}$

If we are to stick with the mls/kg/hr formula more brackets are required and the worked examples should be kept.

Personally I have favoured the following method that is in common use in Paediatric Depts:

Maintenance Fluids:

100mls/ kg for the first 10 kg body weight
plus

50mls/ kg for the next 10 kg body weight
plus

20mls/kg for each kilo thereafter, up to max 70kg

70
kg

[~~in this later method~~ the total 24hr calculation is added up and then divided by 24 to get the mls/hr]

drafts

Looking forward to commenting on any further

Jarlath McAloon
Consultant Paediatrician

DHSSPS