

**Issue: Hartmanns Solution in Emergency Kits**

Raised by: Anneke Marks (RAN, Ntaria)

Background: Query whether Hartmanns solution should continue to be held in the Remote Health standardised emergency kits, as it seems to continually go out of date without ever being used. Rotation of stock is not helpful as Hartmanns is so infrequently used otherwise.

Discussion: Two of Remote Health's standard emergency kits hold Hartmanns, including:

- Emergency Response Kit – x1 1000mls Hartmanns (along with x1 1000ml N/Saline)
- IV Extras Bag – x4 1000mls Hartmanns (along with x4 1000ml N/Saline)

It is acknowledged that Hartmanns is generally less frequently used than has previously been the case.

CARPA STM 4th Edition has 7 references to the use of Hartmanns; none of these references mandate the use of Hartmanns but are an alternate option to the use of Normal Saline.

Resuscitation events involving large volumes of Normal Saline may lead to saline acidosis and therefore Hartmanns solution will be preferable in such scenarios.

Hartmanns retains a place with potential use in the management of children severely dehydrated from diarrhoea.

It is agreed that reducing the amount of Hartmanns solution (replaced with Normal Saline) in the standardised emergency kits is reasonable, retaining just x2 1000mls in the IV Extras Bag.

There remains a need to stock small amounts of Hartmanns solution in each remote health centre.

Consultation: John Hester, Vinod Daniel, Jo Wright, Peter Thorn (RHB medical staff), Clare MacVicar (RHB Paediatrician), Dale Fryar, (RDH ED consultant)

References: CARPA STM 4th Edition, NTAMS Retrieval Clinical and Drug Guidelines 2008

Outcome: Hartmanns solution will be withdrawn from the RHB standard Emergency Response Kit / reduced in the IV Extras Bag, and replaced with Normal Saline.

Updated contents lists for the Emergency Response Kit and IV Extras Bag will be distributed to all health centres.

Small volumes of Hartmanns solution should still be held in each Remote health centre.