

Fluid balance in children

Fluid balance is initially taken in both liver transplanted and kidney transplanted children 3 times per day (08.00, 14.00 and 20.00). When the supply and losses are more stable, you can switch to fluid balance 2 times/day (at 08.00 and 20.00).

All fluid given orally, enteral and parenteral should be taken into account (including blood products) as well as all losses such as drainage, urine, faeces, vomiting and perspiration (perspiration in ml is calculated: weight in kg x 15/day up to 40 kg, then x 12). Do not forget to correct fluid losses in case of fever, vg see separate PM.

In children weighing less than 10 kg, Sodium chloride flushes are also taken into account. These should be administered as prescribed in the drug list. The same applies to medications given oral and enteral. Keep in mind to write on the liquid list the volume of water used in connection with the drug being given via the probe. If you dissolve tablets in water, this volume should be written on a comment in the drug list.

At the first liquid balance count at 08.00, the infusion, spray and probe feed pumps are read and zeroed. Infused volume is entered during reporting in the pharmaceutical journal and under comment it is documented that the pump is set zero. Probe food is documented both on the liquid list and in the medical journal. For other liquid balance bills over the day, the pumps are not reset. Ongoing infusions are read and inserted into measurements in TakeCare. It is important that the pumps are always reset before starting a new infusion and it is equally important that this is clearly documented in the medicine journal. It is also important to write, under the comment in the drug list, what volume you dilute a medicine with if it is not clearly stated in the prescription.

WEIGHT

Weight is taken without clothes 2-3 times/day or according to a doctor's prescription. If the baby has a diaper, this should be freshly changed, the weight of the diaper is counted, or the weight is taken without the diaper. If the child has dressings that are wet, they should be removed/exchanged beforehand. For children with PD, the weight is taken when the fluid in the abdomen is emptied out. This is done in consultation with dialysis staff or with the parents if they usually take care of the PD on the child. Hoses, drains, catheter and wound bags are held up when the baby is weighed. Use the baby scale or let the parent hold the child and then count what the parent weighs.

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Version history

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Determiner: Carl Jorns/Carolinian/SLL

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Each document should contain a history that tells you, for each version, what changed, who made the change and when the change was made.

Version	Date	Change and comment	Responsible
2	2019-01-16	New template, new organisation.	Carl Jorns
1	2013-11-27	From the old inside after revision by the responsible.	Bo-Göran Ericzon, Lars Wennberg, Sara Borg Lansén.

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