



PROCEDURE:	URINE CULTURE (INFANT)
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Medical supplies

- Paediatric urine collector;
- Sterile urine container;
- Antiseptic towelettes;
- Biohazard bag;
- Stability¹ :
 - 24 hours refrigerated 2 – 8°C

Preparation

- 1) It is recommended to wash the child's genital area prior to proceeding with urine collection;
- 2) It is recommended to give the child something to drink to stimulate urine production.

Collection

- 1) Wash your hands with soap and dry thoroughly before beginning the collection procedure;
- 2) Wash genital area 2 times with the towelettes;

Note: Never dry the area with dry compresses or by blowing on region because there is a risk of contaminating the urine culture. Always let the area air dry.

- 3) When the area is completely dry, affix the paediatric urine collector on the child. Please note that this procedure is usually performed by a technical person (nurse);
- 4) Check for urine on a regular basis;

Note: A paediatric urine collector is sterile for only an hour^{2,3}. If after 1 hour following the installation of the collecting system, if urine is still not procured, a new paediatric urine collector need to be installed (after repeating the disinfection procedure.

- 5) Once the child has urinated :
 - If the sample is contaminated with feces, discard contaminated urine, wash the child's genital area and affix a new urine collector;
 - If not, proceed with urine transfer into the sterile urine container :
 - Remove lid from container and set lid aside facing upwards. Do not touch the inner surfaces of the container or the lid;
 - Transfer the urine from the collector bag to the sterile urine container. At least 5mL is required to proceed with the analysis;
 - Tightly close the urine container;
 - Pour the residual urine into the toilet bowl and discard the urine collector.
- 6) Identify the container:
 - First and last name;
 - Date of birth and/or Medicare number;
 - Date and time of collection.

Return the container immediately to your physician or the laboratory

¹ Transport et conservation de spécimens dans le domaine de la biologie médicale, OPTMQ, third edition, 2003, p. 41.

² <http://extranot.hcuge.ch/dsi/techsoins.nsf/c55b907310fea2e741256652005a2a0d/53362796c05e829141256790004cc18b?OpenDocument>

³ <http://www.pediatric.be/Nephro/infectionurin.htm>