

## INRCA IRCCS

Via Montereio, 13 – 23880 Casatenovo LC – Centralino tel. 039-9232.1

**U.O.S.D. Laboratorio di Analisi Chimico-Cliniche e Microbiologiche**

Certificato UNI EN ISO 9001-2008

**Responsabile Dr. Massimo Colciago**

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MATERIALE IN ESAME: URINE – Inglese

### **SAMPLE MATERIAL: URINE**

#### ***URINECULTURE***

Use for collecting a sterile container with a screw cap and collect the first morning urine or those present in the bladder after at least 3 hours after the last urination.

#### **A. MALES**

- Wash your hands with soap and water and dry
- Retract the foreskin and wash with water and soap the orifice of the urethra and the surrounding area, rinse with water and dry
- Divide the urinating moment in 2 moments Keeping the foreskin retracted deliver the first jet of urine in the toilet (FIRST MITTO)
- Collect in sterile container the second jet of urine (midstream), being careful not to touch the edges of the container
- Close the container
- Deliver the sample at the sampling points by 9.30

#### **B. FEMALES**

- Wash your hands with soap and water and dry
- Wash the external genitalia with soap and water and dry
- Divide the urinating moment in 2 moments
- Spread the labia and eject the first part of urine (FIRST MITTO) in the toilet
- Collect in a sterile container the second part of urine (midstream), being careful not to touch the edges of the container
- Close the container
- Deliver the sample at the sampling points by 9.30

#### **C. CATETERE**

- Use for collecting a sterile container with screw cap
- Close the catheter with forceps, for at least one hour.
- Disinfect a portion of the catheter just below the junction with the connecting tube, or if the catheter is fitted disinfect the appropriate device for the collection of samples;
- Remove a few cc of urine and throw away, in a sterile container collect the second part of urine, being careful not to touch the edges of the container.
- Deliver the sample in the shortest time possible, and if this is not possible, and especially in the summer keep in the refrigerator for no more than 12 hours.

**NB. DO NOT COLLECT URINE FROM THE BAG**

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### *D. INFANTS AND CHILDREN*

- Use to collect a plastic bag sticker available in pharmacies
- Thoroughly clean the skin of the suprapubic region, perianal and external genitalia with soapy water, rinse and dry thoroughly
- Apply the bag making it stick to the suprapubic region and perineum
- Immediately upon urination remove the bag, seal it carefully and store it in a sterile container for urine bacterial culture;
- DO NOT TRANSFER THE URINE FROM THE BAG TO STERILE CONTAINER BUT PLACE THE BAG DIRECTLY IN THE CONTAINER Do not leave the bag in place for more than 45-60 minutes, if necessary, replace a new bag after repeated rewashing the skin
- The sample must be delivered at the point of levies by 9.30

### **EXAMINATION CHEMICAL-PHYSICAL AND MICROSCOPIC**

- A morning sample is recommended, issued after a night's rest, follow the instructions for (urine **culture**)
- A sterile container is not necessary
- Deliver the sample at the sampling points by 9.30

### **24 HOUR URINE COLLECTION FOR VARIOUS EXAMS**

- Throw away the first morning urine. From that moment on (7 AM) collect all the urine taken including the first urine of the day after (in 24h)
- During the urine collection store at 2 ° - 8 ° C in the dark.

**NOTE:** Failure to collect even small amounts of urine undermines the significance of the examination