



Technique to dissolve and manage Oxybutinine

Training booklet for nurses

1) *Material*

- 500 ml saline water 0,9%
- 1 capsule Oxybutinine 500mg
- Sterile syringe
- Sterile needle
- 1 bowl or cup
- Hot boiled water
- Non-transparent transport bottle of 100 or 200ml
- Extra top as measuring cup for daily dose
- Piece of cloth to save dissolved Oxybutinine



2) *Cup for cleaning dissolved material*

- First wash the cup well
- Rinse
- Rinse the cup again with hot boiled water



3) *Dissolve Oxybutinine*

- Step 1: Pour out the powder of one Oxybutinine capsule into the cup
- Step 2: Take 10ml from the 500ml normal saline bottle
- Step 3: Mix the Oxybutinine with saline water by stirring in the cup with a needle
- Step 4: Pull back the complete contents of the cup using the same siringe and needle
- Step 5: Inject the dissolved material back into bottle of 500 ml saline water
- Step 6: Fill up a transport bottle (small **dark** bottle for daily use) by squeezing on the bag
- Step 7: Safe bag+ (bottle) in dark covered with a piece of cloth
- Step 8: Use another top as measuring cup to prevent contamination

Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8



4) *Managing Oxybutinine*

- Show parents / child the dose for Oxybutinine by indicating the dose in an empty syringe according to doctor's prescription and give clear notice of the daily dose
- Check the knowledge of the parents using a syringe and needle
- Pour from the transport (small) bottle dissolved material into the extra top
- Put the right dose of Oxybutinine into the syringe
- After catheterization, place firmly the syringe at the end of the catheter
- Bring in the catheter deep into the bladder to prevent irritation of the bladder
- Inject the Oxybutynine solution
- Pull out the catheter along with the syringe



5) *Instruction for next follow-up visit*

- Make a measuring cup using a drinking bottle by marking numbers or signs
- Write down catheterized volumes during 5 consecutive days
- Note down if there is still urine loss



- Note down clearness and smell of the urine

(Inform parents / child over symptom Urinary Track Infection (UTI))

6) *Cleaning and saving catheters and injection needle*

- Wash the outside of the catheter with water
- Rinse catheter 3 times with water and blow air to remove excess water
- Shake the catheter dry, leave it to dry in the sun when possible and save in a clean bowl or between a washed piece of cloth
- Syringe: wash with water, blow out with air and store pieces disconnected
- Catheters should be replaced every 3 month



7) *Saving the bottle*

- Use dissolved material maximum 6 weeks (don't give a whole bottle for babies)
- Use for every new bottle a new syringe
- Disinfect the transport bottle by washing with hot water