

Algorithm of student actions when performing the competence "Laparocentesis (puncture of the abdominal cavity)"

The student should:

Put the mannequin on the table in a supine position.

Put on a mask, treat your hands.

Put on sterile rubber gloves.

Treat the surgical site 2 cm below the navel with an antiseptic.

Apply local infiltration anesthesia of the skin, subcutaneous tissue and muscles up to the peritoneum.

Pull back the skin downward, inject the needle and syringe, constantly aspirating, until the peritoneum is punctured and fluid is obtained.

After diagnostic evacuation of 50–100 ml, cover the puncture site with a sterile bandage.

The student's action algorithm from the competence "Applying a tourniquet to stop external bleeding"

The student must:

1. Lay the mannequin on the table.
2. Put under the limb a gasket in 2-3 layers
3. An unfastened tourniquet, circled around the limbs and fixed on a stretched thigh, fasten the chain ring to the hook.
4. Check whether the bleeding has stopped.
5. Apply a sterile dressing to the wound
6. Under the tourniquet, fix a piece of paper indicating the time when the tourniquet was applied.

**Algorithm of student actions when performing competence:
Pleural puncture**

1. Plant the patient (dummy) with the arm set aside and placed on the support.
2. Wear a mask and rubber gloves.
3. Treat the skin in the puncture area with an alcohol solution of iodine.
4. Conduct anesthesia with a solution of novocaine at the site of a future puncture
5. A needle of thick diameter pierces the skin in the 7-8th intercostal space along the scapular or posterior axillary line.
6. Backward movement of the piston sucks the contents, we determine its character - air or blood.
7. Attach an adapter to the needle and suck out the contents by pinching the rubber tube to prevent air from entering the pleural cavity.
8. Puncture end in case of termination of air or blood in the syringe.
9. We impose an aseptic bandage.

**Algorithm of student's action when performing a competence
"Primary surgical treatment of wounds."**

The student must:

1. Wear a mask
2. Treat hands with antiseptic
3. Wear rubber gloves
4. Treat the skin around the wound three times with an antiseptic.
5. Perform palpation and instrumental revision of the wound.
6. Treat the wound cavity with an antiseptic
7. Dry the wound
8. Put on an aseptic dressing.
9. To voice the need for the introduction of tetanus toxoid

**Algorithm of the student's a competence:
«PARANEFRAL BLOCKADE »**

Student must:

1. Put the dummy on the roller on the healthy side.
2. Hand work, wear sterile rubber gloves.
3. Find the costal-spine angle; process the operating field with alcohol.
4. Perform anesthesia 0.25% solution of novocaine.
5. Perpendicular to the surface of the body is injected long up to 14 cm needle, introducing when advancing a solution of 0.25% of novocaine
6. Determine the moment of "collapse" of the needle into the pararenal space.
7. To enter in the paranephral space 60,0-80,0 0,25% solution of novocaine

8. Remove the puncture needle.
9. To treat a puncture site with an antiseptic, to apply a bandage.
10. Put spent material and tools in a container for disinfection

**Algorithm of the student's action when performing the competence
"Finger rectum examination"**

The student must:

1. Wear rubber gloves
2. Inspect the perineum.
3. Pull the skin around the anus I and II with the finger of your left hand.
4. Treat the second finger of the right hand with petroleum jelly and insert it into the anal canal.
5. In the study determine the presence of seals, tumor formations, ulcers and their sizes.
6. Inspect the gloves if there are no traces of blood, pus, mucus.
7. Remove the gloves, put them in a container.

**Algorithm of a student's action when performing a competence
"Nodal Suture".**

The student must:

1. Clean up your hands with an antiseptic
2. Put on rubber gloves
3. Treat the skin around the wound with an antiseptic
4. Take the needle with tweezers and fix it correctly in the needle holder.
5. Thread the needle
6. Pass the needle through the tissue on both sides of the wound.
7. Tie a thread into three knots,
8. Cut the loose ends of the thread, departing 1 cm from the knot
9. Put used tools and materials in a disinfection container.

Algorithm of a student's actions when performing a competence:

“Bladder Catheterization”.

The student must:

1. Wear rubber gloves
2. Treat three times with furatsilinom 1: 5000 or an aqueous solution of chlorhexidine skin and mucous membranes around the opening of the urethra.
3. A sterile catheter is treated with sterile vaseline.
4. The doctor stands to the right of the patient.
5. A catheter is taken with tweezers at a distance of 4-5 cm from the cystic end and the urethra is slowly inserted.
6. Introduce saline through the side channel to fix the Foley catheter.
7. Make sure the catheter is fixed in the bladder.
8. Attach the catheter to the urinal.

Algorithm of the student's a competence:

«BLOCK anesthesia of intercostal nerve rib fractures»

Student must:

1. Put the dummy on the table on the back or on the healthy side.
2. Wear a mask, treat hands, put on sterile rubber gloves.
3. Treat the skin with an alcohol solution of iodine.
4. Conduct anesthesia with a solution of novocaine
5. The needle is pricked into contact with the lower part of the rib.
6. The skin is slightly pulled down, with the needle moving even lower.
7. With a slight displacement of the needle deep into (3-4 mm) it falls into the area of the neurovascular bundle.
8. Introduce 10-30 ml of 0.25% solution of novocaine.
9. To remove a needle, to process a puncture site with alcohol, to impose a sterile bandage.
10. Put spent material and tools in the container for disinfection.