# Taking blood by venapunction

1. Apply hand hygiene. (Use)
2. Clean workfield (Use)
3. Create label (s) with name and date of birth of client. (Use, same as writing down info)
4. Hang a piece of band aid of ± 10 cm ready. (Not necessary)
5. Open the package of sterile gauze (de combine gauze in package).
6. Pour the non-sterile gauze(cloth) with alcohol (combine cloth with alcohol)
7. Click the double-sided needle in the needle holder. (combine needleholder with needle)
8. Slide a blood tube halfway into the needle holder, so that the tube is not yet punctured. (combine needleholder+needle with blood tube.)
9. Ask the client on the back to lie down or sit on the bed. (dialog)
10. Place the pad under the arm of the patient. (take pad, useOn patient)
11. Place the needle holder, the blood tubes and the dry sterile gauze pad on the pad. (not nessacary)
12. Put on gloves. (Use gloves)
13. Apply the tourniquet (tourniquet UseOn patient )
14. Ask the client to extend the arm and make a fist. (dialog)
15. Determine the puncture site. (not necessary)
16. Disinfect if necessary the skin with alcohol cloth (cloth Useone patient)
17. Pierce the blood vessel. (Needle UseON patient)-> start animation sequence

a Take a needle holder in the hand with which you are going to broaching.

* Take needle in hand with which you are going to be broaching – Right choice
* Take needle in hand with which you are NOT going to be broachin - > wrong
* Remove protective cap from needle -> wrong
* Leave

b Remove the protective cap from the needle.

* Remove protective cap from needle - > right
* Inject blood vessel at an angle above 45 degree -> wrong
* Inject blood vessel at an angle of 30 ° -> wrong
* Leave

c Place the thumb of your other hand ± 5 cm below the puncture site and pull the skin taut.

* Place the thumb of the other hand ± 5 cm below the puncture site and pull the skin -> Right
* Pierce the bloodvessel- > worng
* Take off the tourniquet -> wrong
* Leave

d Pierce the blood vessel at an angle of 30 ° with respect to the skin, with the concave side of the needle facing up

* Pierce the blood vessel at an angle of 30 ° with respect to the skin, with the concave side of the needle facing up -> right
* Pierce the blood vessel at an angle of 45 ° with respect to the skin, with the concave side of the needle facing up -> Wrong
* Pierce the blood vessel at an angle of 90 ° with respect to the skin, with the concave side of the needle facing up ->Wrong
* Leave

*Steps 18 to 19 F will be animated automatically because goes really fast (see video)*

1. Take the tourniquet off.
2. Fill in the required number of blood tubes.

Fix a needle holder with one hand.

b Place the thumb of your other hand on the bottom of the blood tube and your index and middle fingers on the wings of the needle holder.

c Squeeze your thumb and fingers together so that the tube slides deeper into the needle holder and the rubber cap is punctured.

d Blood must now flow in the tube. Because of the underpressure in the tube fills these is self-explanatory with the proper amount of blood.

E Fill the rest of the blood tube in the same way.

f Remove the last tube from the needle holder.

*Auto animation stops here, open choices*

1. Place the dry sterile gauze folded at the puncture site; do not apply pressure

* Place the dry sterile gauze folded (cloth) at the puncture site; do not apply pressure – Right
* Place the dry sterile gauze (cloth) folded at the puncture site; Apply pressure -> wrong
* Remove needle -> wrong
* Leave

1. Remove the needle and press the puncture site with the gauze.

* Remove needle and apply pressure on gauze(cloth) on puncture site -> right
* Remove needle and do not apply pressure on gauze (cloth) -> wrong
* Put band aid on puncture point -> wrong
* Leave

1. Fixate the gauze(cloth) with the bandaid

* Fixate the gauze(cloth) with the bandaid -> right
* Do not place a band-aid on gauze (cloth) -> wrong

23 Ask the client to even print a few minutes the puncture site. (Dialog)

24 Put the needle in the needle cup. (Needle in UseOn Trashcan)

25 Clean up workfield and materials (clean table)

26 Provide blood tubes labeled with purchasing date and the name and date of birth of the client. (not nessecary

27 Apply hand hygiene. (Use)

28 Write down the action and any findings. (use)