

5. Blood collection

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Q5-1: How do you collect blood from people whose upper limb impairments make this a difficult procedure?

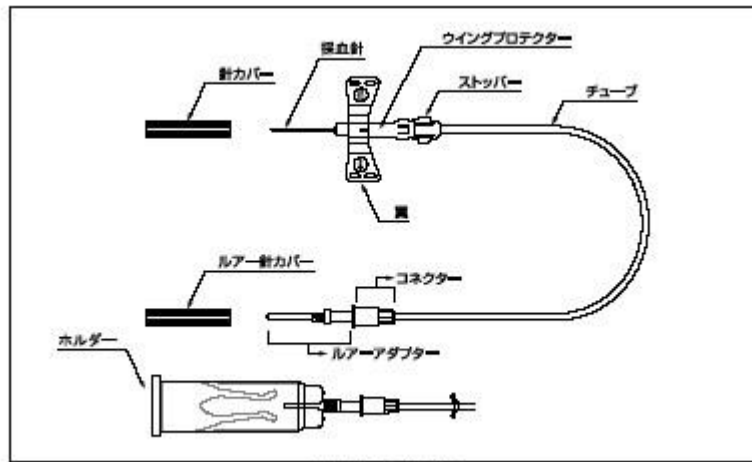
- **See attached source document 1: Techniques for taking blood from thalidomide-impaired patients**

Many thalidomide-impaired patients have had bad experiences with blood collection and are highly anxious and fearful of needles and having their blood taken. First, ask the patient if there is a site where blood collection has been unproblematic a few times in the past, and proceed to collect blood from that site. If unsure of the puncture site, check with other nurses to help determine the site. If you fail the first time, ask a doctor to do the procedure rather than making repeated puncture attempts.

If puncture difficulty is anticipated, proceed after first warming the puncture site. When taking blood from the lower limbs, it is effective to proceed after first warming the leg in a bathtub filled with hot water.

Q5-2: What sort of kit is used for blood collection?

- We use Nipro's Safetouch PSV set with Luer Adaptor



<各部の名称>

各部の名称：Names of parts

採血針：Blood collection needle

ストッパー：Stopper

ルアー針カバー：Luer needle cover

コネクター：Connector

針カバー：Needle cover

ウイングプロテクター：Wing protector

チューブ：Tube

ルアーアダプター：Luer adaptor

ホルダー：Holder

When drawing blood using this set, air inside the tube is sucked into the first blood collection tube. Blood must therefore be collected in the second and subsequent tubes if the sampling size is small, such as for blood counts and coagulation studies.

Fig. 1 Blood can only be collected from the medial side of the first toe of the right foot in this patient (24G)



Fig. 2 Blood can only be collected from the medial side of the left knee in this patient (24G)

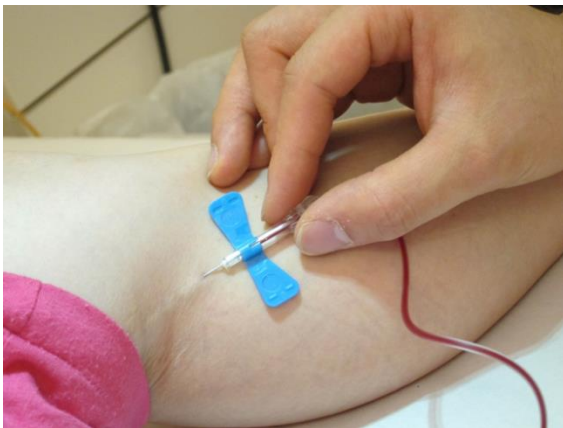


Fig. 3 Blood collection was possible from a cutaneous vein in the right upper limb in this patient (22G)



Figs. 1 and 2

Gloves are always worn as a standard precaution, but for these photographs, gloves were removed to show how to hold the equipment and the direction of the fingertip.