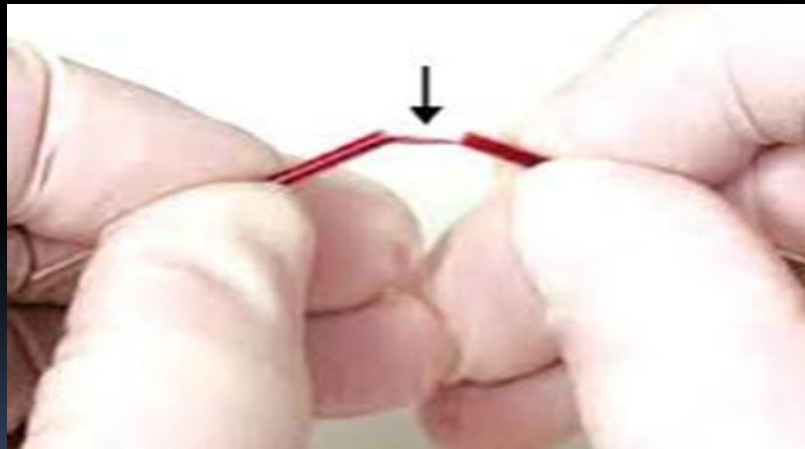




Clotting time by capillary tube method

10th Practical



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Aim:

To determine the clotting time of a subject.

Principle:

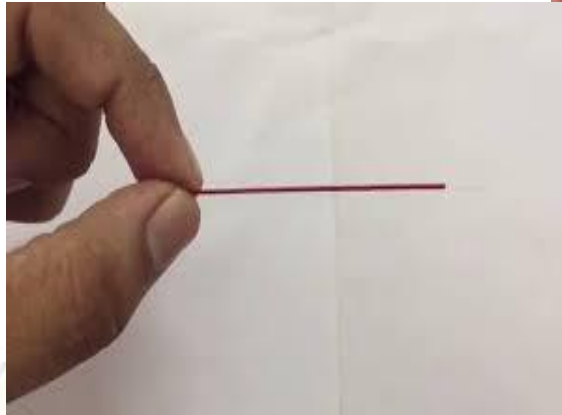
A measure of the time required for blood to solidify (coagulate) after it has been removed from the body.

Material and instrument for clotting time test:

1. Fine capillary glass tubes of about 10 mm length
2. Lancet.
3. Stop watch.
4. Cotton and Alcohol 70%.

Procedure

1. Clean the finger with alcohol 70% and allow to dry.
2. Prick the finger by lancet.
3. Draw blood up in the capillary glass tube.
4. Start the stop watch.
5. After one minute start breaking small pieces of the capillary tube every 30 second until a fibrin thread is seen between the two broken ends.



Calculating the clotting time by:

(The waiting time after the glass tube is filled +
no. of capillary tubes breaks \times 30 second)

Normal duration : 4 - 8 minutes