

Aim :-

To determine the bleeding time of yourself.

Reference :-



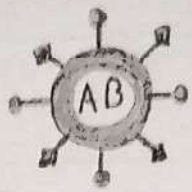
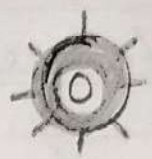
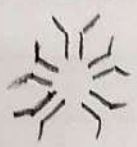
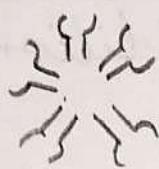
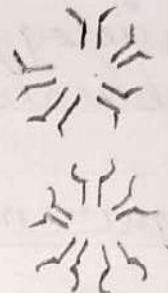



Waugh Anne, Grant Alison, Anatomy and Physiology in health and illness, ~~Etc~~ Elsevier publication, 13<sup>th</sup> Edition.

Requirements :-

Lancets, Filter paper, cotton, sterile cotton, dipped in alcohol, stopwatch.

Theory :

Bleeding time is a medical test that measures how fast small blood vessels in the skin stop bleeding. The bleeding time test is used to evaluate how well a person's blood is clotting. The test evaluates how long it takes the vessels cut to constrict and how long it takes for platelets in the blood to seal off the hole.

|                            | Group A  | Group B  | Group AB  | Group O  |
|----------------------------|--|--|---|--|
| Red blood cell type        |                 |                 |                       |                       |
| Antibodies in plasma       | <br>Anti - B    | <br>Anti - A    | None  | <br>Anti A and Anti B |
| Antigens in red blood cell | <br>A antigen | <br>B antigen | <br>A and B antigen | None   |

Blood type is determined, in part, by the ABO blood group antigens present on red blood cells.

1. A positive - Presence of  $Rh^+$
2. A negative - Presence of  $Rh^-$
3. B positive - Presence of  $Rh^+$
4. B negative - Presence of  $Rh^-$
5. AB positive - Presence of  $Rh^+$
6. AB negative - Presence of  $Rh^-$
7. O positive - Presence of  $Rh^+$
8. O negative - Presence of  $Rh^-$



Procedure:

- i) Prepare your ring finger of left hand by cleaning the tip portion by alcohol dipped cotton balls.
- ii) Prick the tip of ring finger by using pricking lancet.
- iii) Allow to flow the blood and start to place the droplets of your blood on the filter paper at the time interval of 30 seconds.
- iv) When the blood gets clotted, the tissue time should be noted in your practical record.
- v) Apply the alcohol dipped cotton on your finger tip for the cleaning and blood stoppage.

Result:

The determination of bleeding time was successfully done and my bleeding time was.