

Drops of hope Blood Donation Guidelines

Aster Volunteers is committed to providing a safe and healthy medium, connecting the donors and the recipients. We adhere to the guidelines recommended by the **World Health Organization (WHO)** for blood donation to ensure safety and efficacy. These guidelines address various aspects such as donor selection, blood collection, testing, and the handling and use of donated blood.

Key points from the WHO guidelines include:



Donor Selection:

Eligibility: Donors should be in good health, typically aged between **18-65 years**, and meet specific hemoglobin levels and weight requirements.

Health Assessment: A thorough health assessment, including medical history and physical examination, is conducted to ensure the safety of both the donor and the recipient.



Blood Collection:

Sterile Techniques: Sterile techniques and single-use equipment are used to prevent contamination and the transmission of infections.

Volume: The volume of blood collected for whole blood donations is generally around **450-500 ml**, in accordance with national guidelines.



Testing

Infectious Diseases: All donated blood is tested for transmissible infections, including **HIV, Hepatitis B and C, and syphilis.**

Quality Control: Regular quality control measures are implemented to ensure the accuracy and reliability of test results.



Handling and Use

Storage: Blood and blood components are stored and transported under controlled conditions to maintain their viability and safety.

Traceability: Traceability systems are in place to ensure that each unit of blood can be tracked from donor to recipient.

For detailed guidelines, refer to the WHO document titled "Blood Donor Selection: Guidelines on Assessing Donor Suitability for Blood Donation" available on their official website.

www.who.int/publications/i/item/9789241548519

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