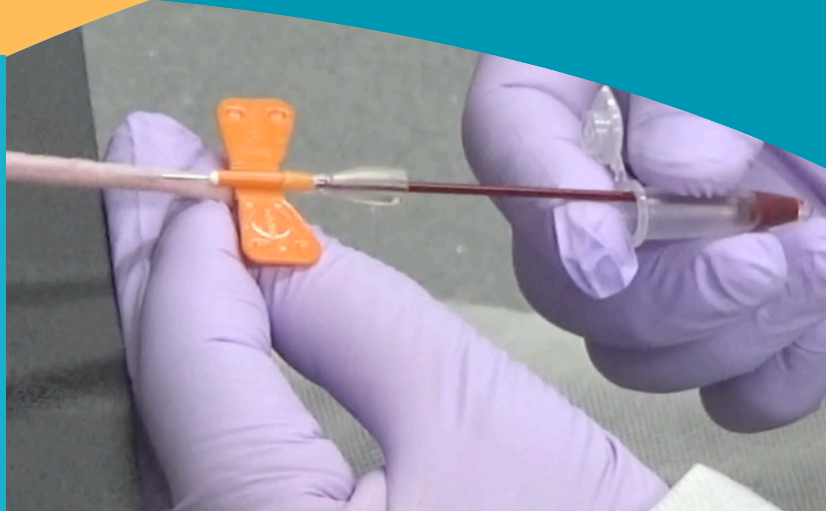


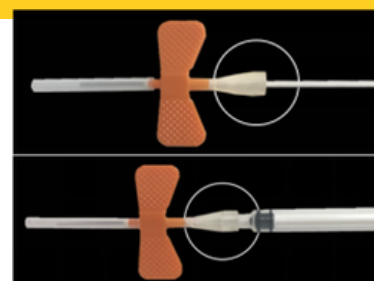
INJECTION AND BLOOD COLLECTION NEEDLES



FEATURES

MULTIPLE PATENTED TECHNOLOGY

Humaneway Needles are designed to **connect to capillary tubes and syringes of all sizes and materials**, allowing simpler, more humane procedures that increase research efficiency and animal welfare.



CLOSED SYSTEM: PROTECTING BOTH ANIMAL AND SAMPLE

Blood collection is performed through natural capillary flow, **allowing blood to flow directly into capillary tubes** without the need to make incisions on the animal. This procedure minimizes damage to red blood cells and helps prevent hemolysis.

25 GAUGE SIZE

The 25-gauge needles have been successfully used on animals of various sizes, ranging from 3-week-old ICR mice to larger animals such as marmosets. In smaller animals, veins expand to the needle size, allowing procedures to be performed effectively.

PRODUCTS

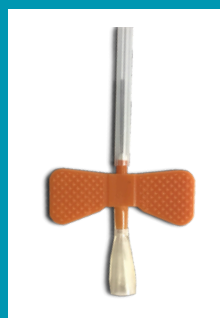
HW-BS SET OF BLOOD COLLECTION NEEDLES



Connects to capillary tubes of all materials.

Each set includes 50 disposable 25G needles

HW-BI SET OF INJECTION & BLOOD COLLECTION NEEDLES



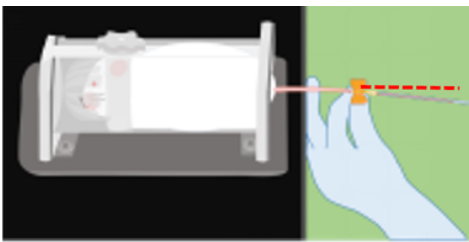
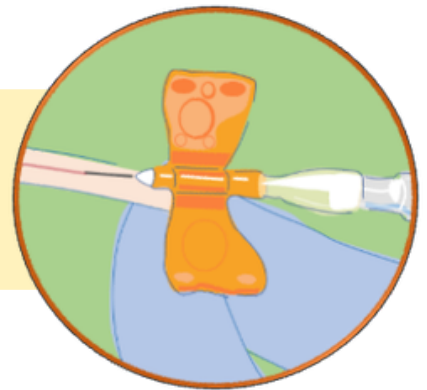
Connects to syringes as well as capillary tubes of all materials and sizes.

Each set includes 100 disposable 25G needles

TIPS ON USING HUMANEWAY NEEDLES

Due to its unique patented design, the handling of Humaneway needles may differ slightly from that of conventional needles.

Insert **more than half** of the needle into the vein.
This stabilizes the needle within the vein and eliminates the need to hold it in place during the procedure.

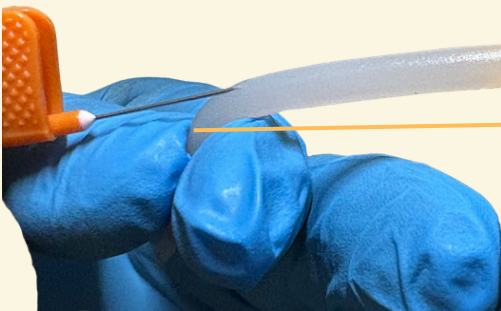


Insert the needle **parallel to the vein**.
This allows the needle to go deeper into the vein.

For tail vein blood collection, **warm the whole animal**
(not only the tail).



HANDLING FOR TAIL VEIN PROCEDURES



Tail should be stretched out.

The technician's thumb should be positioned lower than the second finger to allow the needle to enter the vein at a parallel angle.

Third finger should be pressed against table for stability.

INSTRUCTION VIDEO

