

## Hypodermic Needle-Pro® EDGE™ Safety Device

### Tip Sheet

#### IMPORTANT

Please refer to the instructions for use supplied with the product for detailed instructions, warnings, and cautions

#### 1 Remove Device

**Peel the blister pouch and remove device.** (Do not touch needle protector.) Grasp sheath using the plastic peel pouch. To prevent contamination, do not touch the Needle-Pro® EDGE™ safety device's Luer connector. [fig 1]

#### 2 Administer

**With needle bevel up** [fig 2] pull the needle cap straight away from the needle to remove it. **Draw up medication.** Express air and administer medication.

#### 3 Engage + Confirm

**Engage the Needle-Pro® EDGE™ safety device using a one-handed technique** by gently pressing the sheath of the needle protection device against any flat surface. DO NOT use your free hand to press the protective sheath over the needle. As the sheath is pressed, the needle firmly engages into the sheath with an audible click. [fig 3a and 3b]

**Visually confirm that the needle is fully engaged** into the needle protection sheath. Dispose of the entire device in an approved sharps container immediately after engaging the safety feature

#### 4 Alternate Technique

**If the clinical procedure requires use of a two-needle technique** (one needle to draw up medication and a second to administer it), remove the engaged Needle-Pro® EDGE™ safety device from the syringe with an easy twisting motion after drawing up the medication. Grasp the base of the needle hub with your thumb and forefinger while twisting, keeping your other fingers clear of the end of the safety device. [fig 4]

#### 5 Dispose + Repeat

**Dispose of the engaged device** [fig 5] and select a second needle with the Needle-Pro® EDGE™ safety device.

After attaching a new needle with the Needle-Pro® EDGE™ safety device to the syringe, **repeat all necessary steps above with the second needle.** Dispose of the entire device immediately after engaging the safety feature.

fig.1

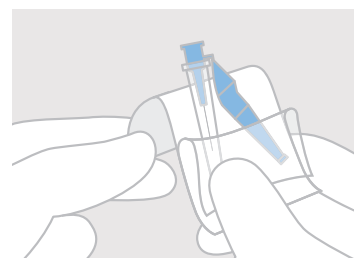


fig.2

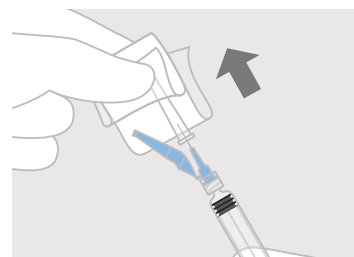


fig.3a

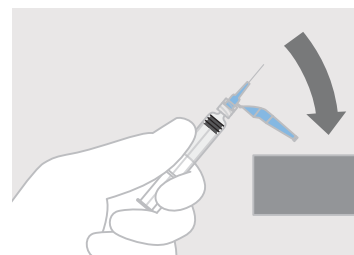


fig.3b

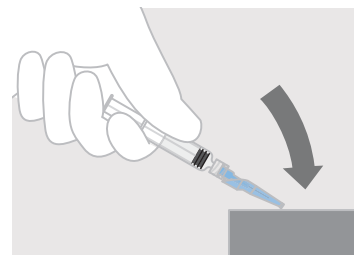


fig.4

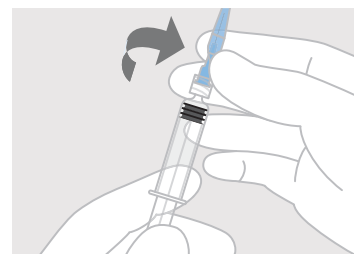
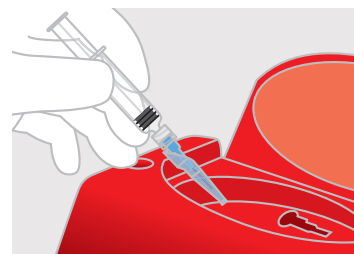


fig.5



## Injection Guidelines

**IMPORTANT:** Persons administering injection should follow established practices of their institution. Routes for administering vaccines are recommended by the manufacturer of the vaccine. Altering the recommended route may reduce the efficacy of the vaccine. Please refer to the Instructions for Use supplied with the product for detailed instructions, warnings, and cautions.

### INTRADERMAL



**Pediatric** Volar surface of the forearm



**Adult** Volar surface of the forearm

Age	Location of Injection	Needle Length	Needle Gauge	Needle Angle
Infant <12 months	Volar surface of forearm	3/8" - 3/4"	25-27 gauge	10° - 15°
Pediatric 12 months to 18 years	Volar surface of forearm	3/8" - 3/4"	25-27 gauge	10° - 15°
Adult >18 years	Volar surface of forearm	3/8" - 3/4"	25-27 gauge	10° - 15°

### SUBCUTANEOUS



**Infant** Anterolateral thigh



**Pediatric** Upper-outer tricep



**Adult** Abdomen (avoid injecting within 1"-2" of the umbilicus)

Age	Location of Injection	Needle Length	Needle Gauge	Needle Angle
Infant <12 months	Anterolateral thigh	5/8"	23-25 gauge	45°
Pediatric 12 months to 18 years	Upper-outer tricep	5/8"	23-25 gauge	45°
Adult >18 years	Upper-outer tricep or abdomen	5/8"	23-25 gauge	45°

### INTRAMUSCULAR

**NOTE:** To avoid potential injury to the sciatic nerve, do not inject vaccines or toxoids into the buttocks region.



**Infant** Anterolateral thigh



**Pediatric** Deltoid muscle



**Adult** Deltoid muscle

Age	Location of Injection	Needle Length	Needle Gauge	Needle Angle
Infant <12 months	Anterolateral thigh	7/8" - 1"	23-25 gauge	90°
Pediatric 12 months to 18 years	Deltoid muscle (Toddlers: anterolateral thigh may be used)	7/8" - 1 1/4"	23-25 gauge	90°
Adult >18 years	Deltoid muscle (anterolateral thigh may also be used)	1" - 1 1/2"	23-25 gauge	90°

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