## Flu vaccine administration guidance

 $\checkmark$ 



### PRE-FILLED SYRINGES

## Connection

Hold the (Luer-Lok<sup>™</sup>) when attaching the needle to ensure a strong connection.

#### (Luer-Lok<sup>™</sup>)<sup>1</sup>

- Provides a secure connection between the syringe and needle
- Has a threaded tip for a "locking" fit with a variety of needles

## 2

Inspect the syringe. If a plunger rod is loose, turn clockwise until tightened

#### FINGER FLANGE<sup>1</sup>

before administering dose.

Confirmation

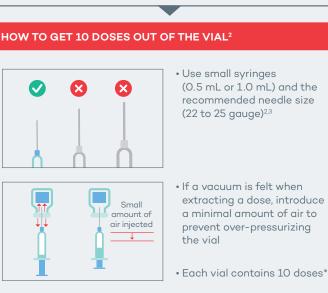
- Extends out from the side of the syringe barrel
- Allows for a secure grip on the syringe and provides greater control during administration of the vaccine

#### PLUNGER ROD<sup>1</sup>

- Is a piston-like device inside the barrel of the syringe
- When thumb press is depressed, expels the contents of the syringe

## Administration

For any questions about pre-filled syringes or multi-dose vials, please email us at **customerservice.us@seqirus.com**.



#### **BE SURE TO...**







**TIP:** Introducing too much air into the vial can cause a loss of vaccine and lead to the inability to extract the 10 doses, according to the Centers for Disease Control and Prevention.<sup>4</sup>

\*The number of needle punctures should not exceed 20 per AFLURIA® multi-dose vial.<sup>2</sup>

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### **MULTI-DOSE VIALS**

# **Insertion sites and method**

## **CSL** Seqirus

#### INTRAMUSCULAR (IM) ADMINISTRATION DETAILS FOR EACH PATIENT TYPE<sup>3</sup>

PATIENT AGE	INJECTION SITE	NEEDLE SIZE (22-25 GAUGE)
Infant (6-12 months)	Anterolateral thigh muscle	1"
Toddler (1-2 years)	Anterolateral thigh muscle	1"-1 1/4"
	Alternate site: Deltoid muscle (upper arm)	5/8"-1"
Child (3-10 years)	Deltoid muscle (upper arm)	5/8"-1"
	Alternate site: Anterolateral thigh muscle	1"-1 1/4"
Child and Adult (11 years and older)	Deltoid muscle (upper arm)	5/8"-1"
	Alternate site: Anterolateral thigh muscle	1"-1 1/2"



#### IM INJECTION SITE: CHILDREN AND ADULTS

Insert needle in the central and thickest portion of the deltoid muscle.

- This is located above the level of the armpit and approximately 2 to 3 fingerbreadths (~2") below the acromion process (bony prominence above deltoid)<sup>3</sup>
- If multiple vaccines are administered at a single visit, administer each vaccine at a different anatomic site<sup>4</sup>

**TIP:** To avoid injury, do not inject too high or too low.<sup>3</sup>



#### IM INJECTION SITE: INFANTS AND TODDLERS

• Insert needle into the anterolateral thigh muscle<sup>3</sup>

References: 1. BD. Principles of injection technique. April 29, 2024. https://www.bd.com/content/dam/ bd-assets/na/medication-delivery-solutions/documents/in-service-material/BD-2125\_Principles\_of\_ Injection\_Technique.pdf 2. AFLURIA. Package insert. Seqirus Inc. 3. IAC. How to administer intramuscular and subcutaneous vaccine injections. Accessed April 29, 2024. https://www.immunize.org/catg.d/p2020. pdf 4. CDC and Prevention. Vaccine administration. In: Hamborsky J. Kroger A, Wolfe S, eds. *Epidemiology and Prevention of Vaccine -Preventable Diseases*. 13th ed. Public Health Foundation; 2015:79-106.

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#### IM INJECTION TECHNIQUE<sup>3</sup>

- Use a needle long enough to reach deep into the muscle (see chart above)
- Insert the needle at a 90° angle to the skin with a quick thrust

**TIP:** Before administering a vaccine injection, it is not necessary to aspirate, ie, pull back the syringe plunger rod after needle insertion.

