

Initial/Annual Competency Assessment: JAPANESE ENCEPHALITIS VACCINE (JE-VC) ADMINISTRATION

Facility _____

Position Title _____ Trainee Name _____

Assessment Start Date _____ Assessment Completion Date _____

**This competency form is to be used as an addendum to initial/annual competency assessment checklist.
This competency highlights the special rules for preparation and administration of JE-VC (Ixiaro) to pediatric patients.**

Required Competency or Skill	Self-Assessment*	Orientation (Preceptor Date & Initials)	Validation of Competency			
			Evaluation Method+	Date	Initials	Comments
Vaccine Administration Procedures	CRITICAL THINKING: Follows manufacturer guidelines. Administers the right vaccine, right dose, and right route, to the right patient at the right time. Understands that the deviation from the recommended route of administration may reduce vaccine effectiveness or increase the risk of local reactions. **Aspiration before injection of vaccines or toxoids (i.e., pulling back on the syringe plunger after needle insertion, before injection) is not required because no large blood vessels exists at the recommended injection sites.					
A. Selects appropriate JE-VC product based on age and screening of patient						
B. Verbalizes understanding of the standing order and package insert for the administration of JE-VC vaccine to adult and pediatric patients						
C. Gathers required supplies for administering JE-VC vaccine (i.e. gauze, alcohol pads, bandages, sharps container, etc.)						
D. Washes hands or uses hand sanitizer between patients						
E. Prepares JE-VC vaccine for administration						
1. Removes properly stored JE-VC vaccine product from storage unit						
a. Ensures vaccine was stored in refrigerator at (2-8°C)						
b. Inspects syringe for damage or contamination						
c. Checks vaccine(s) expiration date(s)						
2. Checks to make sure proper product is picked based on age						

* Self Assessment: 1=Experienced

2=Needs Practice/Assistance

3=Never Done

N/A=Not Applicable

+ Evaluation / Validation Method:

T=Written Test

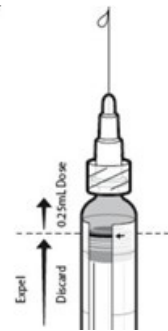
D=Demonstration/Observation

V=Verbal

I=Interactive Class

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Required Competency or Skill	Self-Assessment*	Orientation (Preceptor Date & Initials)		Validation of Competency			
				Evaluation Method+	Date	Initials	Comments
a. 2 – 35 months use syringe with red marking on barrel							
b. 36 months and older, use syringe with or without red marking on barrel							
3. Prepares prefilled syringe for a 0.25ml dose to administer JE vaccine to children 2-35 months of age							
a. Shake 0.5ml prefilled syringe to thoroughly mix contents							
b. Remove tip cap and attach appropriate size needle							
c. Holds the syringe in upright position and uncaps the needle							
d. Push the plunger stopper up to the edge of the red line on the syringe barrel, indicated by a red arrow (see figure below)*, and discards expelled volume into a medical waste container. Note: If plunger stopper is pushed beyond redline, do not administer the vaccine. Repeat the procedure using a new prefilled syringe							
e. Locks the needle safety shield and removes the needle							
f. Attaches a new sterile needle prior to injection of the remaining dose							
g. Ensures any manufacturer prefilled syringe with tip cap removed and needle attached is discarded at the end of duty day if not administered							



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+ Evaluation / Validation Methodologies:

T=Tests

D=Demonstration/Observation

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				Evaluation Method+	Date	Initials	Comments
4. Prepares prefilled syringe for a 0.5ml dose to administer JE vaccine to individuals 36 months and older							
a. Shake the prefilled syringe containing 0.5ml to thoroughly mix contents							
b. Remove the syringe tip cap and attach appropriate size needle							
5. Maintains aseptic technique throughout vaccine preparation process							
F. Administers JE-VC vaccine per ACIP/manufacturer guidelines ensuring proper route, dosage, timing, and indications/ contraindications							
1. Selects 22-25g needle and appropriate length based on administration route and body size							
2. Selects appropriate dose based on age							
a. 2-35 months = 0.25 ml							
b. 36 months and older = 0.5 ml							
3. Selects appropriate anatomical site based on age							
a. Infants and toddlers (lacking adequate deltoid mass); anterolateral aspect of thigh							
b. Toddler/Children/Teens/Adults: the deltoid muscle is recommended for routine intramuscular vaccinations; demonstrates 3 fingers down from acromion process to select proper area							
4. Cleans injection site with alcohol							
5. Inserts the needle fully into the muscle at a 90o angle (per ACIP aspiration is not required)							
6. Injects vaccine using steady pressure then withdraws needle at angle of insertion							
7. Applies light pressure with gauze to injection site for several seconds							

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Preceptor's Initials	Printed Name	Signature

I understand the topics listed, I will be allowed to perform only those within scope of practice, and only after I have successfully my demonstrated competency.

Trainee Signature: _____

Date: _____

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