

Procedural Competency Evaluation

STUDENT:

DATE:

AEROSOL MEDICATION DELIVERY: MDI, DPI		PERFORMANCE LEVEL	PERFORMANCE RATING
Evaluator: <input type="checkbox"/> Peer <input type="checkbox"/> Instructor	Setting: <input type="checkbox"/> Lab <input type="checkbox"/> Clinical Simulation		
Equipment Utilized:	Conditions (Describe):		
Performance Level: S or ✓ = Satisfactory, no errors of omission or commission U = Unsatisfactory error of omission or commission NA = Not applicable			
Performance Rating: 5 Independent: Near-flawless performance; minimal errors; able to perform without supervision; seeks out new learning; shows initiative; A = 4.7–5.0 average 4 Minimally Supervised: Few errors, able to self-correct; seeks guidance when appropriate; B = 3.7–4.65 3 Competent: Minimal required level; no critical errors; able to correct with coaching; meets expectations; safe; C = 3.0–3.65 2 Marginal: Below average; critical errors or problem areas noted; would benefit from remediation; D = 2.0–2.99 1 Dependent: Poor; unacceptable performance; unsafe; gross inaccuracies; potentially harmful; F = < 2.0 <i>Two or more errors of commission or omission of mandatory or essential performance elements will terminate the procedure, and require additional practice and/or remediation and reevaluation. Student is responsible for obtaining additional evaluation forms as needed from the Director of Clinical Education (DCE).</i>			
EQUIPMENT AND PATIENT PREPARATION			
1. Common Performance Elements Steps 1–8 (Refer to Appendix B)			
2. Determines best medication delivery method (MDI, DPI, spacer, or holding chamber)			
3. Checks label and verifies correct medication, dosage, and expiration date			
4. Prepares medications per physician’s orders			
5. Determines most appropriate patient interface to achieve therapeutic goals (mouthpiece, mask, spacer, or holding chamber with appropriate connector, ventilator, in-line adaptor)			
ASSESSMENT AND IMPLEMENTATION			
6. Common Performance Elements Steps 9 and 10 (Refer to Appendix B)			
7. Determines patient’s ability to perform procedure and follow directions			
8. If MDI is used, ensures respiratory rate <25 breaths/min; if DPI used, verifies patient can inhale rapidly with inspiratory flow >60 Lpm			
9. Removes dust cap, inspects actuator mouthpiece for any foreign objects			
10. Shakes MDI, actuates one puff into air if more than 24 hours has elapsed since last use			
11. Attaches MDI canister to spacer or holding chamber			
12. Instructs patient as follows:			
A. Exhale normally	D. Waits at least 1 to 2 minutes between puffs		
B. Take slow inspiration with coordination of MDI actuation	E. Instructs patient to inhale more slowly if whistling sound is heard from spacer		
C. Perform maximal inhalation with inspiratory hold for 5 to 10 seconds if possible			
13. If a ventilator interface is used, coordinates actuation with inspiratory phase of ventilator cycle			
14. Coaches and assists patient as needed			
15. Assesses treatment effectiveness			
A. Monitors vital signs throughout procedure	B. Measures peak flow in asthmatic patients		
16. Encourages and assists patient cough; notes sputum production			
17. Terminates treatment if significant adverse reaction to medication occurs			
FOLLOW-UP			
18. Common Performance Elements Steps 11–16 (Refer to Appendix B)			
19. Recaps mouthpiece when finished			
20. Rinses mouth if aerosolized steroids are administered			
21. Rinses mouthpiece and spacer with warm water at least daily			
22. Determines MDI or DPI contents remaining			

SIGNATURES

Student:

Evaluator:

Date: