

PIV100: Understanding MAGIC

Worksheet - Practice Activities

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Completion education. No accredited nursing contact hours awarded.

Name: _____

Date: _____

How to use this worksheet. These are hands-on practice activities, not the post-test. Work through them using the study guide: define the terms you'll use at the bedside, work the case, and self-rate the actual steps of the skill.

Part 1 — Key Terms

Fill in a plain-language definition for each term the way you would explain it to a new colleague.

Term	Your definition
Therapy duration	
Medication characteristics	
Patient-specific factors	
Clinical goals	

Part 2 — Applied Case Work

Scenario. You are caring for a patient whose plan of care directly involves **Understanding MAGIC**. Working from this module's content, document (a) your initial assessment, (b) the technique or decision you would choose and the rationale, (c) the complications you are watching for, and (d) the key documentation points. Reference the lesson sections that informed your reasoning.

Part 3 — Skills & Decision Self-Check

For each action from this module, mark how confident you are. Anything you mark “Review” is where to focus before the post-test and at the bedside.

#	Key action / decision	Got it	Review
1	Define MAGIC and its evidence-based framework for vascular access device selection		
2	Identify the four primary vascular access device categories and their appropriate uses		
3	Apply MAGIC criteria to determine when a PIV, midline, PICC, or CVC is most appropriate		
4	Evaluate therapy duration, medication characteristics (pH, osmolarity, vesicant status), and patient factors		
5	Recognize absolute and relative contraindications to peripheral IV therapy		
6	Understand the impact of MAGIC on preventing unnecessary central venous access and reducing CLABSI		
7	Differentiate between peripheral and central device classification		
8	Implement MAGIC-guided selection in clinical practice		
9	How long will IV therapy be needed? (Primary decision driver — duration)		
10	What specific medications or solutions will be infused? (Vesicant? pH? Osmolarity?)		
11	What is the osmolarity and pH of the prescribed therapy? (Detailed medication review)		
12	Are any medications vesicants or irritants? (Requires central access if yes)		
13	What is the current condition of the patient's peripheral veins? (Assess vascular access)		
14	Does the patient have any conditions that affect device selection? (Renal disease, mastectomy, thrombosis history, coagulopathy?)		

Part 4 — Notes & Questions for Your Educator

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