



## PRECISION VASCULAR ACCESS

*IV Nurses at your Service*

### IVIG COMPETENCY QUIZ

1. A patient is receiving an infusion of IVIG. The medication was appropriately reconstituted and is at room temperature. Forty minutes after the infusion starts, the patient complains of chills and rigors and has a temperature of 39°C (102.2°F). What is the most appropriate action?
  - a. Provide a warm blanket, administer medications as ordered and continue the infusion.
  - b. Reassure the patient that these symptoms are normal during IVIG infusion.
  - c. Stop the infusion and notify the ordering physician, then administer medications as prescribed.
  - d. Stop the infusion and wait five minutes to resume it.
2. While being assessed before an IVIG infusion, the patient reports having diarrhea three days ago (which is now resolved), not drinking the usual amount of fluid and experiencing lightheadedness and a dry mouth. What is the most appropriate action?
  - a. Proceed with preparing and administering IVIG.
  - b. Notify the ordering physician and anticipate the need for fluids.
  - c. Administer IV fluids in the same IV as the IVIG infusion.
  - d. Obtain a stool specimen for culture and sensitivity.
3. A patient has been prescribed IVIG, and the pharmacy delivers a brand of IVIG that is not the patient's usual IVIG. It does not match the written order. What is the appropriate action?
  - a. Prepare to administer half the dose of IVIG and reassess the patient for an adverse reaction.
  - b. Proceed with reconstituting and administering the delivered IVIG as prescribed.
  - c. Premedicate the patient as prescribed before administering the IVIG.
  - d. Notify the pharmacy to obtain the correct IVIG product as prescribed.
4. During an IVIG infusion, a patient begins to complain of nausea. What is the most appropriate intervention?
  - a. Administer an IV fluid bolus, then continue the IVIG infusion at the previous rate.
  - b. Stop the infusion, notify the ordering physician and administer antiemetics as prescribed.



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- c. Provide comfort measures, such as changing the patient's position or providing heating pads.
  - d. Stop the infusion and restart it when the nausea subsides.
  
5. When discussing discharge instructions after an IVIG infusion, the patient states that he would like to reschedule the next infusion because of an upcoming vacation. What is the most appropriate response?
  - a. Instruct the patient to call to arrange for the next infusion upon returning home.
  - b. Arrange for the patient to obtain a serum IgG level before leaving town.
  - c. Schedule a new date and time for the next infusion at the patient's request.
  - d. Reeducate the patient regarding the importance of adhering to a strict infusion schedule.
  
6. The nurse is assessing a 76 year old patient before an IVIG infusion. The patient's daughter reports that the patient seems to have had decreased urine output for the past week. What is the most appropriate action?
  - a. Notify the ordering physician before starting the infusion.
  - b. Obtain a urine specimen for analysis.
  - c. Reassure the patient and daughter that there is no concern.
  - d. Proceed with the IVIG infusion as prescribed.
  
7. When it is time to begin the IVIG infusion, the nurse realizes the dose is still in the freezer. What should be the next action?
  - a. Wait until the IVIG is in a cold liquid state, then administer it.
  - b. Allow the IVIG to warm naturally to room temperature, then begin infusing.
  - c. Microwave the solution to warm it to room temperature, then begin infusing.
  - d. Do not begin the infusion; instead, call the ordering physician.
  
8. A patient has an 18g peripheral IV in the left arm with a liter of 0.9% sodium chloride solution infusing at 100 ml/hr. How should the nurse infuse the scheduled dose of IVIG?



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- a. Piggy-backed into the infusing IV solution.
  - b. Through a separate dedicated IV site.
  - c. Concurrently through the same pump as the 0.9% sodium chloride solution.
  - d. Intermittently with the 0.9% sodium chloride solution.
9. A patient is receiving the very first dose of IVIG. The nurse anticipates administering which medication before the infusion?
- a. Methylprednisolone
  - b. Diphenhydramine
  - c. Ondansetron
  - d. None
10. A 200 kg patient reports a weight loss of 20 kg since the last IVIG treatment. What should be the nurse's next action?
- a. Call the ordering physician for a dose change.
  - b. Administer the previously ordered dose of IVIG.
  - c. Weigh the patient to verify the current weight.
  - d. Administer a dose of IVIG 10% less than the previous dose.