

Appendix 1. Pre-test and Post-test Questions of the Nutrition Knowledge Test	
<p>1. Which of the following is NOT among the responsibilities of nurses in the nutrition support team?</p> <p>a) Educating patients and their relatives b) Participating in the procurement of materials c) Providing information about the use of enteral feeding devices d) Selecting enteral nutrition products e) Guiding decisions regarding the patient's route of nutrition</p>	<p>7. Which is NOT a complication of transnasal access?</p> <p>a) Severe peristomal irritation b) Tracheoesophageal fistula c) Bronchial placement d) Pharyngeal irritation e) Bleeding</p>
<p>2. Which of the following is NOT a national or international nutrition organization?</p> <p>a) KEPAN (Clinical Enteral Parenteral Nutrition Association) b) ESPEN (European Society for Clinical Nutrition and Metabolism) c) Gastro-Surgical Association d) ASPEN (American Society for Parenteral and Enteral Nutrition) e) Turkish Dietetic Association</p>	<p>8. Which statement about drug administration via enteral tube is INCORRECT?</p> <p>a) Consult pharmacist/physician b) Crushable drugs may be crushed c) Uncoated tablets can be crushed d) Improper crushing may block tube e) Drugs and enteral feeds can be given together</p>
<p>3. Which of the following is NOT included among the questions asked by nurses in Nutritional Risk Screening (NRS-2002)?</p> <p>a) Is the patient very underweight? b) Has there been weight loss in the last 3 months? c) Did the patient eat lunch in the last week? d) Has there been weight loss in the last week? e) Does the patient have a severe illness?</p>	<p>9. Which is CORRECT regarding enteral feeding routes?</p> <p>a) Nasojejunal insertion via peristalsis b) Nasogastric for long-term c) PEG surgical d) PEJ surgical e) Nasoduodenal surgical</p>
<p>4. Which of the following is INCORRECT regarding iatrogenic malnutrition?</p> <p>a) Providing timely postoperative nutritional support b) The patient's inability to adapt to diet c) Nutritional disorder developing during hospitalization d) Inadequate monitoring of food intake e) Prolonged fasting due to procedures</p>	<p>10. Which is NOT a symptom of dysphagia?</p> <p>a) Wheezing b) Breathing changes c) Infections d) Cough e) Choking</p>
<p>5. Which of the following is NOT a complication of PEG (Percutaneous Endoscopic Gastrostomy) or PEJ (Percutaneous Endoscopic Jejunostomy)?</p> <p>a) Peristomal infection b) Thoracic duct injury c) Buried bumper syndrome d) Tube obstruction e) Embedded bumper syndrome</p>	<p>11. Which statement about nutritional support is INCORRECT?</p> <p>a) Screening always needed b) Includes enteral/parenteral c) Enteral first d) Syringes used one day e) Polyurethane preferred</p>

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6. Which is NOT an intestinal effect in absence of enteral stimulation?

- a) Inhibition of circulation
- b) Increase in pathogens
- c) Increased permeability
- d) Increase in protective flora
- e) Decreased secretions

12. Which is INCORRECT about enteral nutrition products?

- a) Immunonutrition content
- b) Standard meets needs
- c) Elemental difficult absorption
- d) Pulmonary low carb
- e) Glutamine added

**Pre-test and Post-test Questions of the Nutrition Knowledge Test- continued**

13. Which is NOT enteral feeding method?

- a) Continuous
- b) Peripheral
- c) Intermittent
- d) Bolus
- e) Trophic

21. Which is INCORRECT in parenteral nutrition?

- a) Separate lumen
- b) Blood sampling same line
- c) Add potassium
- d) Add vitamin C
- e) High osmolarity

14. Which is INCORRECT about serum proteins?

- a) Albumin long-term
- b) Prealbumin with CRP (C-Reactive Protein)
- c) Short half-life
- d) Different half-lives
- e) Reflect inflammation

22. Which is CORRECT about parenteral nutrition?

- a) 3-chamber contains vitamins
- b) GI delivery
- c) Vitamins unstable in lipids
- d) Insulin infusion possible
- e) Add antibiotics

15. Which is CORRECT before feeding via nasointestinal tube?

- a) Auscultation
- b) No cough
- c) Physician order
- d) Aspirate
- e) Radiological confirmation

23. Which is INCORRECT nursing practice?

- a) Store 1 week
- b) Same lumen
- c) Use pump
- d) Flush saline
- e) Label

16. Which nursing intervention is INCORRECT?

- a) Reduce rate nausea
- b) Check tube
- c) Adjust glucose
- d) PEG dressing 4h
- e) Head elevated

24. Which route NOT preferred due to infection?

- a) Jugular
- b) Subclavian
- c) Femoral
- d) Cephalic
- e) Basilic

17. Which is NOT diarrhea prevention?

- a) Continuous feeding
- b) Change syringe 24h
- c) Store properly
- d) Avoid lactose
- e) High-density formula

25. How often change infusion sets?

- a) 36h
- b) 48h
- c) 24h
- d) 12h
- e) 72h

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18. Which is NOT PEG/PEJ complication?

- a) Infection
- b) Leakage
- c) Bleeding
- d) Obstruction
- e) Delayed emptying

**Answer Key**

- 1. d    11.d    21. b
- 2. c    12.c    22. c
- 3. c    13.b    23. a
- 4. a    14.e    24. c
- 5. b    15. e    25. c

19. Which is INCORRECT about enteral feeding?

- a) Room temp
- b) Store 12h
- c) Unopened safe
- d) Fridge 24h
- e) Shake

- 6. d    16. d
- 7. a    17. e
- 8. e    18. e
- 9.a    19. b
- 10.a    20. a

20. PEG care frequency with infection?

- a) Twice daily
- b) Once daily
- c) Every 2 days
- d) Every 3 days
- e) Weekly