

**SKILLS FRAMEWORK FOR HEALTHCARE
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Patient Care					
TSC	Nutrition and Fluids Management in Nursing					
TSC Description	Support patients in maintaining optimal nutrients and fluids to meet the body requirements					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		HCE-PTC-2024-1.1	HCE-PTC-3024-1.1	HCE-PTC-4024-1.1		
		Assist patients in oral feeding	Assist in enteral feeding including nasogastric (NG) and percutaneous endoscopic gastroscopy (PEG) tubes	Perform parenteral nutrition, fluids and electrolytes management		
Knowledge		<ul style="list-style-type: none"> Types of normal and therapeutic diets, enteral feeds and nutritional supplement Organisational guidelines on personal hygiene practices when handling food and beverages Types of positioning used for feeding Types of monitor, document and report intake and output chart Methods of managing choking during oral feeding 	<ul style="list-style-type: none"> Techniques for nasogastric tube insertion Methods of confirmation for proper feeding tube placement prior to feeding Types of complications arising from enteral feeding Techniques in managing blocked feeding tubes Use and maintenance of feeding pumps Indications and contraindications of parenteral nutrition Types of administer prescribed rate of parenteral nutrition via an infusion pump Procedures on management of complications arising from parenteral nutrition Interventions to nutritional deficits Swallowing impairments Supervised feeding methods Fluids consistency Home care teaching guidelines on home enteral feeding 	<ul style="list-style-type: none"> Nutritional screening, patient assessment and malnutrition assessment Evidence-based practices and guidelines in parenteral nutrition Signs and symptoms of electrolyte imbalance Protocol for managing fluids and electrolytes imbalance Risks and complications associated with parenteral nutrition Signs and symptoms of complications associated with parenteral nutrition Methods to monitor patient's Procedures and equipment for parenteral nutrition administration Caregiver training guidelines on nutrition management Inter-professional collaboration on maintaining optimal nutrients and fluids to meet body requirement Types of radiographic confirmation of nasogastric tube placement 		
Abilities		<ul style="list-style-type: none"> Select the right diets to the right patients Position the patients in a semi-Fowler's or high-Fowler's prior to feeding 	<ul style="list-style-type: none"> Perform nasogastric (NG) tube insertions Confirm correct placement of NG and percutaneous endoscopic 	<ul style="list-style-type: none"> Conduct nutritional assessments of the patients Collaborate with inter-professional teams in 		

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		<ul style="list-style-type: none"> • Use thickeners in right consistency for correct mixtures, as supervised • Monitor and document intake and output chart • Observe for signs of choking or swallowing difficulties during feeding • Report observations and abnormalities to trained nurse 	<p>gastrostomy (PEG) tube prior to feeding</p> <ul style="list-style-type: none"> • Perform bolus, intermittent, continuous NG and PEG feeding • Observe the feeding tube for patency and free flow of enteral feeding • Perform flushing of feeding tubes with water before and after each feeding • Monitor the feeding pumps for appropriate flow rates as indicated • Implement nutritional care plans • Monitor for signs and symptoms of aspiration pneumonia • Teach patients and caregivers on self-care management for patients with enteral feeding • Supervise support care staff on oral feeding of patients 	<p>developing nutritional care for the patients</p> <ul style="list-style-type: none"> • Monitor nutrition status of the patients against the expected outcomes indicated in the care plans • Confirm placement of NG tubes through radiology reports • Administer parenteral nutrition regimen as prescribed • Monitor and report complications associated with parenteral nutrition • Perform patient and caregiver education on parenteral nutrition • Provide supervision to junior staff in performing oral and/or enteral feeds 		
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