

The Core Competency in Intravenous Therapy Scale
(English Translation Version)

Instructions: Please indicate the response that most accurately reflects your current experience or opinion and mark the corresponding option.

Domain	Item	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Professional Attitude	1.I have a genuine passion for nursing and am dedicated to advancing intravenous (IV) therapy.					
	2.I proactively initiate IV therapy for patients according to physicians' orders.					
	3.I demonstrate professional integrity (prudent when alone) and a spirit of innovation.					
	4.I provide humanistic care and emotional support to patients and their families.					
Relevant Theoretical Knowledge	5.I possess sound knowledge of skin, cardiovascular, nervous-system, and vascular anatomy.					
	6.I understand blood composition, physicochemical properties, and hemodynamics.					
	7.I am familiar with the categories and physicochemical characteristics of IV medications.					
	8.I know the adverse reactions and precautions associated with IV drugs.					
	9.I understand hospital-infection prevention, surveillance, and management.					
	10.I can identify and manage occupational-exposure risks.					
	11.I recognise the clinical manifestations, prevention, and management of common IV-related complications.					
Practical IV Skills	12.I can accurately assess and select the most appropriate vascular-access device.					
	13.I can determine the optimal insertion site based on patient factors.					
	14.I know the types, features, indications, and contraindications of vascular-access devices.					
	15.I master common techniques for inserting vascular-access devices.					
	16.I master routine maintenance techniques for vascular-access devices.					

	17.I can promptly identify early signs of IV complications and apply correct preventive or corrective measures.					
Critical Thinking & Clinical Judgement	18.I can comprehensively assess the patient and devise an evidence-based IV therapy plan.					
	19.I propose continuous-improvement measures for identified IV problems and dynamically adjust the care plan.					
	20.I can detect ambiguous or non-standard IV prescriptions and seek clarification.					
	21.I continuously evaluate the effectiveness of IV therapy for each patient.					
	22.I provide professional health education and counselling on IV therapy to patients and families.					
	23.I document IV therapy nursing records accurately and in accordance with standards.					
Professional Development Capacity	24.I can establish clear teaching objectives and plans for IV therapy education.					
	25.I can deliver theoretical lectures on IV therapy.					
	26. I can supervise students or colleagues during IV therapy clinical practice.					
	27.I can conduct literature searches and engage in scientific writing related to IV therapy.					
	28.I actively follow cutting-edge developments and continuously learn new knowledge and technologies in IV therapy.					