

Specification of Competency Standards
for the Elderly Care Service Industry
Unit of Competency

Functional Area - Clinical Care

Title	Perform Intravenous Infusion
Code	106037L5
Range	This Unit of Competency is applicable to employees in the elderly care service industry who provide clinical care to elderlies. This Competency involves ability of critical analysis and assessment. Employees are required to assess the health status of elderlies and their reasons for intravenous infusion, and analyse the risks of such intervention. They are also required to perform intravenous infusion safely and accurately according to the guidelines of the institution or other professional institutions, so as to ensure elderlies receive appropriate treatment.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Basic knowledge of intravenous infusion</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • Understand basic pharmacological knowledge including the types, effect, side effects, dosage and routes of administration, the expected effects of the medicines • Understand the principles to verify drug including the “3 checks 5 rights” principle • Understand methods of security, storage and management of medicines • Understand dosage units, measurement and calculation methods for each medicine • Understand names of each medicine including the generic name and brand name • Understand abbreviations of medical prescriptions such as: <ul style="list-style-type: none"> ○ names of registered medicines ○ Dosage units and frequency of administration. • Understand medicines for intravenous infusion and methods to use infusion equipment such as dissolving and dilution of medication • Understand the proper method to use infusion pump • Understand the method to calculate infusion rate • Understand the care procedures before and after the intravenous infusion • Understand the skills required to document intravenous infusion administered and the importance of such records <p>2. Intravenous infusion</p> <p style="padding-left: 40px;">be able to</p> <ul style="list-style-type: none"> • Assess elderlies’ conditions including health condition, medical history, history of allergy, and condition of the injection area • Correctly implement the checking procedure, i.e. “3 checks and 5 rights” principle • If it is necessary to add medications, carefully add prescribed medicine into the infusion fluid to ensure all items and the procedure are sterile • Explain to elderlies the infusion procedures, the purpose of the medicines, the possible feeling and reaction during and after infusion, and what elderlies should do to facilitate the infusion, such as staying still in a certain posture • Properly disinfected the injection port of the intravenous catheter before infusion and check whether the catheter is in in-situ • Before intravenous infusion, inject an appropriate amount of saline • Care for the injection area after infusion • Monitor carefully the condition of elderlies after intravenous infusion • Properly record all the medicines administered, the infusion process and the effect of the medicines • Properly handle and dispose of surplus and expired infused medicines

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	<ul style="list-style-type: none"> • Properly dispose of used infusion tool • If adverse reactions is suspected to be caused by infused medicines, attend to the case immediately and refer the case to healthcare professionals for follow-up action <p>3. Exhibit professionalism</p> <p style="padding-left: 20px;">Be able to</p> <ul style="list-style-type: none"> • Perform intravenous infusion on elderlies safely and accurately by applying professional nursing knowledge • Be mindful of the pain elderlies may experience due to the infusion and offer comfort
Assessment Criteria	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> • Ability to perform intravenous infusion accurately on elderlies according to their health condition and needs, the guidelines of the institution and medical prescription; and • Ability to detect elderlies' adverse reaction during infusion, and provide timely and proper care measures if necessary, so as to ensure elderlies' safety and health
Remark	<p>This Unit of Competency is currently practiced by the enrolled nurses and registered nurses with professional and valid licenses.</p>