

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

Functional Area - Clinical Care

Title	Handle Hyperglycemia / Hypoglycemia
Code	106070L3
Range	This Unit of Competency is applicable to employees in elderly care service industry who provide clinical care to elderlies. This competency involves the ability of analysis and making judgment. Employees are required to assess elderlies' clinical signs and symptoms, ascertain whether they suffer from hyperglycaemia or hypoglycaemia and provide suitable first aid treatments according to relevant procedures and guidelines of the institution regarding management of hyperglycaemia / hypoglycaemia, so as to prevent the occurrence of any potentially fatal complications caused by unstable blood glucose level.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge related to blood glucose and diabetes</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • Understand relevant procedures and guidelines of the institution regarding management of hyperglycaemia / hypoglycaemia • Understand different types diabetes, their respective causes and treatments • Understand the fundamental knowledge about the digestive system and the endocrine system • Understand the causes, signs, symptoms and complications of hyperglycaemia, e.g., diabetic ketoacidosis • Understand the causes, signs, symptoms and complications of hypoglycaemia, for example, hypoglycaemic shock • Understand methods to use blood glucose meter and the normal range of blood glucose level • Understand the first aid treatment for hyperglycaemia / hypoglycaemia <p>2. Manage hyperglycaemia / hypoglycaemia</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • Evaluate whether elderlies have symptoms of hyperglycaemia / hypoglycaemia and determine whether their conditions are stable via asking them, observation and check-up, such as: <ul style="list-style-type: none"> ○ Observe clinical signs and symptoms ○ Measure the vital signs of elderlies, including the level of consciousness, body temperature, breathing rate, pulse and blood pressure ○ Obtain their medical history, use of medications, time of the last meal, how their diseases are being controlled • Perform blood glucose test with a blood glucose meter to further confirm the blood glucose level of elderlies • Analyse the blood glucose levels and the conditions of elderlies, and adopt appropriate nursing care and first aid measures according to relevant guidelines of the institution regarding management of hyperglycaemia / hypoglycaemia • If elderlies have low blood glucose level but are still conscious, help them consume sugary drinks, and refer the case to healthcare professionals for follow-up actions • If the conditions of elderlies are serious, notify healthcare professionals immediately and perform first aid treatment, such as, <ul style="list-style-type: none"> ○ If elderlies are unconscious or in coma, lay them in a recovery position to ensure a patent airway

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	<ul style="list-style-type: none"> ○ Perform first aid treatment ○ Call for an ambulance ○ Monitor closely the conditions, measure and record the vital signs regularly and offer comfort to elderlies ● Report to the ambulance personnel the sequence of events, vital signs and treatments provided to elderlies ● Provide elderlies with information and guidance on the dietary management ● Document the first aid treatments provided in details and keep record properly <p>3. Exhibit professionalism</p> <p>Be able to</p> <ul style="list-style-type: none"> ● Assess elderlies and determine if they suffer from hyperglycaemia / hypoglycaemia, and offer appropriate first aid treatments ● Be mindful of the individual needs of elderlies to maintain a stable blood glucose level.
Assessment Criteria	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> ● Ability to assess elderlies' clinical signs and symptoms, measure their blood glucose level and determine their conditions; and ● Ability to provide appropriate measures according to the situation and seriousness of elderlies' condition as well as relevant guidelines of the institution regarding management of hyperglycaemia / hypoglycaemia.
Remark	<p>1. Employees performing this Unit of Competency are required to have acquired fundamental first aid knowledge</p> <p>2. Cardiopulmonary resuscitation is currently administered only by holders of valid and recognized first aid certificates.</p>