

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

Functional Area - Management

Title	Formulate a plan to introduce Assistive Technologies
Code	106172L5
Range	This unit of competency is applicable to employees in the elderly care service industry in charge of medical facility management. This competency involves the ability of critical analysis and reorganization of relevant information. Employees are required to formulate a screening and assessment plan, according to the institution's needs in terms of medical services, ensure that the additional medical assistive technology is beneficial to elderlies, healthcare professionals, nursing staff and image of the institution.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Relevant knowledge on medical services</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • Understand the nursing needs of elderlies, for example, <ul style="list-style-type: none"> ○ Service workflow ○ Scope of service, including examination, clinical care, personal care, physical manual labour (such as lifting and transferring), and therapeutic equipment ○ Medical, nursing and rehabilitative procedures ○ Benefits to elderlies and the institution's services • Understand the relevant knowledge on medical assistive technologies, for example, <ul style="list-style-type: none"> ○ Advantages of medical assistive technologies ○ Relevant scientific researches and demand on related human resource ○ Adoption rate and how common they are within the industry ○ Professional skills and staff required ○ Repair and maintenance ○ Application and utilization rate of medical and rehabilitation facilities ○ Cost effectiveness • Understand the importance of incorporation of medical assistive technology to the improvement of organizational service • Understand the medical facilities adopted by other institutions and countries <p>2. Formulate a plan to introduce medical assistive technologies</p> <ul style="list-style-type: none"> • Select the appropriate medical assistive technologies, according to the needs of service users, target elderlies and staff; formulate the consideration factors, including <ul style="list-style-type: none"> ○ How desperate the need is ○ Utilization rate, storage space, durability ○ Professional opinions from healthcare professionals or nursing staff ○ Benefits to elderlies and services of the institution ○ Corresponding requirement on manpower and professional skills needed ○ Cost effectiveness • Compare with and refer to medical facilities adopted by other institutions and countries, communicate with other operators within the industry to acquire the latest information on market development and the technology • Formulate the procedure of procuring the technology, including quotation, approval, configuration, repair and maintenance • Formulate staff training scheme, ensuring that the staff understand how to use it • Formulate procedures to monitor and control the use of the technology

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	<ul style="list-style-type: none"> • Collect the user opinions from healthcare professionals or nursing staff after the introduction of medical assistive technology • Evaluate its overall benefits to the institution and cost effectiveness <p>3. Exhibit professionalism</p> <p style="padding-left: 20px;">Be able to</p> <ul style="list-style-type: none"> • Screen and assess relevant medical technologies objectively before making an informed, educated choice
Assessment Criteria	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> • Ability to formulate a plan to systemically screen and assess medical assistive technologies, according to the institution's needs in terms of medical services; and • Ability to ensure the plan allows the institution to bring in useful, reliable and appropriate medical assistive technologies, and evaluate the overall costs and benefits of the introducing the medical assistive technologies to the institution's services.
Remark	