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

Functional Area - Common

Title	Utilize Community Support and Health Monitoring Technology
Code	110897L3
Range	This Unit of Competency is applicable to practitioners who provide electronic health record services in the elderly care service industry.The application requires performing a broad range of tasks in familiar and some unfamiliar working environments, and its execution requires analytical skills.Practitioners should be able to utilize community support and health monitoring technology according to relevant procedures and guidelines, in order to improve the elderly's health management abilities.
Level	3
Credit	2 （For Reference Only）

Competency	Performance Requirements
	1. Relevant knowledge on the community support and heath monitoring technology
	
	• Understand the community support and health monitoring technology used by the organization, such as:
	 o Related computer software
	 o Mobile health monitoring equipment for the elderly
	 o Sphygmomanometer
	 o Equipment for monitoring blood glucose levels
	 o Equipment to measure the height and weight to monitor the elderly's the average BMI, etc.
	• Understand the methods and procedures for using community support and health monitoring technology, such as:
	 o Methods to power on/off
	 o Methods of installation and configuration
	 o User's posture
	 o Detailed operation steps, such as: the blood pressure monitor in the "Jockey Club Community eHealth Care Project", such as:
	  ▪ Ensure that correct placement of the sphygmomanometer, and the user's arm posture is positioned at the level of the heart
	  ▪ Insert the arm into the sphygmomanometer
	  ▪ Wait for the button on the tablet has changed to [STOP]
	  ▪ Press the [START/STOP] button to commence blood pressure measurement
	  ▪ A "beep" signals the blood pressure has been measured, and the tablet will display the measurement
	  ▪ Press the [Confirm] button on the tablet, etc.
	• Understand the basic functions of monitoring technology, such as:
	 o Mobile phone with safety bell service for 24-hour emergency help service
	 o Utilize equipment to measure the vital signs for service users within the organization, and upload the information to the cloud and monitoring center in order to provide support, etc.
	• Understand the scope of providing monitoring technology, such as:
	 o Mobile phones and safety bells can be carried around and used at home and anywhere the elderly travels
	 o Equipment used to measure vital signs within the organization and equipment connected to the cloud can only be used within the elderly home, etc.
	• Understand the infection control and safety measures of using community support and health monitoring technology

Functional Area - Common

	- Understand the expendable materials related to community support and health monitoring technology, such as: single-use massage disposable safety lancets for blood glucose sampling, single-use cotton wool for disinfection - Understand the normal values for electronic health record data - Understand the communication methods and attitudes with the elderly persons and carers during the assessment 2. Utilize community support and health monitoring technology - Correctly utilize community support and health monitoring technology according to the organization's guidelines - Perform appropriate preparations before using the equipment, such as: - Ensure the appropriate equipment used and operation methods - Ensure infection control measures are taken when medical equipment is involved, such as: - When measuring blood glucose, use single-use massage disposable safety lancets, and disinfect the wound, etc. - Confirm the identity of the elderly and arrange for the use of community support and health monitoring technology - Arrange waiting time as needed, such as: in situations where the elderly needs stay still for a period before using the sphygmomanometer - Place the equipment in safe and suitable locations - Position the elderly persons in comfortable postures, etc. - Ensure the community support and health monitoring technology is functioning normally, and pay attention to the elderly's condition during its use - Dispose of single-use materials in designated waste bins or plastic bags for medical waste after its use, such as: dispose used blood glucose sampling needles in non-leak, water-proof sharps box - After the equipment is used, inspect for its normal functioning and store them in appropriate locations 3. Exhibit professionalism - Protect and respect the elderly's privacy when utilizing community support and health monitoring technology - Ensure that safety and infection control measures are taken when utilizing community support and health monitoring technology - Ensure good communication with the elderly persons, so that they clearly understand the operation and functions of the equipment
Assessment Criteria	The integrated outcome requirements of this Unit of Competency are: Able to perform adequate preparations, safely and correctly utilize community support and health monitoring technology, according to the organization's procedures, in order to improve the elderly's health management abilities.
Remark	