

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

Functional Area - Common

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| Title | Assess the Risks of Using Gerontechnology |
| Code | 110951L4 |
| Range | This Unit of Competency is applicable to practitioners who are responsible for risk management in the elderly care service industry. The application requires performing skilled tasks in familiar and some new working environments, and its execution requires analytical and decision-making skills. Practitioners should be able to assess the potential risks and hazards associated with the use of gerontechnology, according to organization's risk assessment guidelines and relevant knowledge of professional medical equipment safety standards. |
| Level | 4 |
| Credit | 6 (For Reference Only) |
| Competency | <p>Performance Requirements</p> <p>1. Relevant knowledge on the risks of using gerontechnology</p> <ul style="list-style-type: none"> • Understand the basic concepts of risks and hazards • Understand the importance of risk assessment to prevent hazards and accidents • Understand the basic steps and methods of risk assessment • Understand the potential hazards and possible risks of gerontechnology, such as: <ul style="list-style-type: none"> ○ To people, such as: personal health, personal privacy, etc. ○ To the property ○ To the environment, etc. • Understand the quality management system's standards and safety regulations related to gerontechnology, such as: <ul style="list-style-type: none"> ○ ISO13485 ○ ISO14971, etc. • Understand the different risk levels of medical devices in Hong Kong, such as: the Medical Device Division of the Department of Health (MDD) and the Global Harmonization Task Force's (GHTF) requirements on the registration of medical devices: <ul style="list-style-type: none"> ○ Class I ○ Class II ○ Class III ○ Class IV • Understand the potential risks of using gerontechnology in the operating premises and the related risks of the staff in different positions • Understand the measures to reduce the hazards and risks of using gerontechnology <p>2. Assess the risks of using gerontechnology</p> <ul style="list-style-type: none"> • According to the gerontechnology used by the organization, classify and confirm relevant information on functions, risk levels, number of users and staff involved, and venues used, such as: <ul style="list-style-type: none"> ○ Features and precautions of gerontechnology ○ Equipment risk level classification and compliance with the relevant quality management system's standards and safety regulations ○ Qualification requirements for the operators ○ Related liability insurance, etc. • Analyze the potential hazards of the process and working environment of using gerontechnology, and conduct risk assessments, such as: <ul style="list-style-type: none"> ○ Assess the potential hazards according to the chance, methods, severity of injuries, and consequences |

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| | <ul style="list-style-type: none"> ○ Analyze various changing parameters and estimate the related impacts to determine the level of risk, including the severity of the hazard and hazard exposure frequencies, etc. ○ Assess the current methods of risk control, their failure chances and consequences, and propose improvements or contingency plans, etc. <ul style="list-style-type: none"> ● Write risk assessment reports ● According to the results of the assessment, suggest to the supervisor the measures to eliminate or reduce the potential hazards ● Ensure that the staff understand the results of the risk assessment, and the preventive measures developed by the organization ● Update the risk assessment report and related documents <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> ● Comply with the organization's risk assessment guidelines, understand the regulations and risks of the use of gerontechnology, and related occupational safety and health regulations, in order to assess the potential risks and hazards associated with the use of gerontechnology, and ensure the safety of the elderly persons and staff |
| Assessment Criteria | <p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> ● Able to understand the safety and health risks related to the use of gerontechnology; ● Able to write risk assessment reports and update related documents; and ● Able to reflect the opinions on the operation of the risk assessment system to higher authorities and suggest areas of improvements. |
| Remark | |