

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

Functional Area - Clinical Care

Title	Distribution of Transdermal Patch
Code	106026L3
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 to make correct judgement. Employees are required to distribute transdermal patches prescribed by medical doctors to elderlies according to the guidelines of the institution, so as to ensure elderlies receive proper treatment.
Level	3
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Basic knowledge of transdermal patches</p> <p>Be able to</p> <ul style="list-style-type: none"> • Understand basic pharmacology, including different classes of medications, their actions, side effects, common dosage, routes of administration and their expected therapeutic effects • Understand the principles on checking and verifying prescriptions, including the “3 checks and 5 rights” principle • Understand methods of drug security, storage and management • Understand the units of dosage, calculation and measurement of commonly used dosage regimens • Understand medical prescriptions and abbreviations, including: <ul style="list-style-type: none"> ○ abbreviations of approved medications ○ dosage units ○ Routes of administration • Understand the method to use transdermal patches • Understand the nursing procedures before and after the application of transdermal patches • Understand the ways to monitor possible skin reactions after application of transdermal patches • Understand the skills required to document the use of transdermal patches appropriately <p>2. Giving transdermal patches</p> <p>Be able to</p> <ul style="list-style-type: none"> • Check and verify the prescription of transdermal patches using “3 checks and 5 rights” principle • Explain to elderlies the possible reaction after application of transdermal patches • Detect the concomitant use of transdermal patches with similar pharmacological content to avoid overdose • Apply transdermal patches properly <ul style="list-style-type: none"> ○ Avoid folding the patches ○ Apply on appropriate areas of the skin, avoiding areas of poor circulation or broken skin ○ Apply and replace the patches according to the prescription • Provide appropriate nursing care before and after the application of transdermal patches, including: <ul style="list-style-type: none"> ○ Apply transdermal patches alternately on different areas of skin ○ Clean the skin thoroughly after removing the patch, avoid leaving residual medication or adhesives on the skin

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	<ul style="list-style-type: none"> • Detect possible skin reactions after applications, including: <ul style="list-style-type: none"> ○ Abrasions ○ Allergic reactions, such as rash, tenderness, . • Document properly the medication used, its administration and the response to the medications • Handle surplus or expired medication properly • Check the dosage carefully to avoid overdose • Report to healthcare professionals immediately if elderlies develop adverse drug reactions after applying transdermal patches <p>3. Exhibit professionalism</p> <p>Be able to</p> <ul style="list-style-type: none"> • Dispense transdermal patches according to medical prescription safely and accurately • Be mindful of elderlies' level of comfort after application of patches; ensure the transdermal patch is held firmly on the skin
Assessment Criteria	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> • Ability to dispense transdermal patches according to prescriptions and respective guidelines; and • Ability to detect adverse drug reactions after application of transdermal patches on elderlies, to report immediately to health care professionals, so as to ensure safety of elderlies while they are on medication.
Remark	