



Australian Government

Department of Education, Employment and Workplace Relations

SIBBSKS503A Provide diathermy treatments

Revision Number: 2

SIBBSKS503A Provide diathermy treatments

Modification History

Not applicable.

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to analyse the needs of clients, interpret a treatment plan and safely use electrical currents to apply diathermy procedures to treat dilated capillaries.

Application of the Unit

Diathermy treatments are offered in beauty salons as a specialised remedial treatment that reduces the appearance of dilated capillary blood vessels on the face and body.

Treatment programs are designed and applied by beauty therapists exercising judgement in planning to safely achieve optimum outcomes for clients, which are usually achieved over a series of treatments.

Licensing/Regulatory Information

Relevant state and territory skin penetration legislation and regulations apply to this unit at the time of endorsement.

Pre-Requisites

Nil

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements and Performance Criteria

Element

Elements describe the essential outcomes of a unit of competency

- 1 Confirm treatment plan.
- 2 Prepare client for diathermy service.
- 3 Perform diathermy patch test.
- 4 Perform diathermy service.
- 5 Review treatment and provide post-treatment advice.

Performance Criteria

Performance criteria describe the achievement of the element. Where information is detailed in the relevant range statement. Assessment of evidence guide.

- 1.1 Access client *treatment plan*.
- 1.2 Identify and note *variations*.
- 1.3 Confirm treatment plan with client.
- 1.4 Obtain written consent from client.
- 1.5 Select *treatment procedure*.
- 2.1 Prepare self, service area and equipment in accordance with *relevant legislation and codes of practice* for the treatment plan.
- 2.2 Select and prepare *equipment* in accordance with *relevant legislation and workplace policies*.
- 3.1 Select an appropriate area of skin in accordance with *relevant legislation and workplace policies*.
- 3.2 Assess success of the patch test on the client.
- 3.3 Rebook client for further service.
- 4.1 Prepare the skin *treatment area* in accordance with *relevant workplace policies and procedures*.
- 4.2 Prepare a sterile needle or probe in accordance with *relevant legislation*.
- 4.3 Apply *infection control* and *relevant legislation and workplace policies*.
- 4.4 Perform the treatment procedure.
- 4.5 Dispose of *treatment waste* in accordance with *relevant legislation, workplace policies and manufacturer instructions*.
- 5.1 Obtain *client feedback* and *relevant workplace policies and procedures*.
- 5.2 Recommend *future treatment*.
- 5.3 Provide *home-care advice* and *relevant workplace policies and procedures* according to client requirements.
- 5.4 Explain possible *adverse effects*.
- 5.5 Rebook client according to *relevant workplace policies and procedures*.
- 5.6 Advise the *source of referral*.

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

The following skills must be assessed as part of this unit:

- technical skills to:
 - interpret treatment plan and adapt treatment to accommodate changes in client's physical condition
 - select an appropriate needle or probe size, angle, depth, electrical current level and duration for a diathermy treatment on a variety of skin treatment areas
 - safely apply diathermy equipment and currents to the treatment of dilated capillaries in a variety of skin treatment areas according to a treatment plan
 - respond to contraindications and adverse effects
- communication skills to:
 - seek feedback and respond to questions
 - provide information and reassurance to client throughout the service
- literacy skills to read and apply:
 - relevant workplace documents
 - manufacturer's equipment and product information
 - safety data sheets.

Required knowledge

The following knowledge must be assessed as part of this unit:

- relevant health and hygiene regulations and requirements and skin penetration legislation
- relevant occupational health and safety regulations and requirements
- infection control procedures and the application of universal precautions
- correct and environmentally sound disposal methods for diathermy treatment waste that also comply with skin penetration regulations
- workplace policies and procedures in regard to diathermy treatments
- appearance of contraindications and adverse effects
- effects and benefits of a defined range of skin care products
- effects and benefits of diathermy treatments
- anatomy and physiology of the skin and skin structures as they relate to diathermy treatments, including:
 - simplified cross-section of skin
 - glands as they relate to basic skin function
 - skin chemicals, including sebum and sweat production:
 - normal and abnormal
 - collagen

- elastin
- lipids
- microscopic anatomy of the epidermis, dermis and hypodermis
- phases of growth, cell renewal, healing of skin and factors affecting epidermal mitosis
- normal process of skin ageing and structural change
- normal skin response to irritation and trauma
- scars, including hypertrophic and keloid (their origin and evolution) and abnormal scar tissue
- effects of treatments on the physical structure of the skin
- wound healing in different skin types and locations
- body systems, in regard to their interdependence and purpose in relation to a healthy body and their relationship to the skin, muscles and nerves, including:
 - nervous system and its relationship to skin sensations
- basic nutrition guidelines
- relationship between nutrition and healthy skin, particularly foods that may:
 - have an effect on the skin
 - affect diathermy treatment when combined with relevant skin conditions, products or diet-related diseases
- operator's legal and insurance liabilities and responsibilities in regard to services and the use and preparation of treatment products
- physical appearance of:
 - various skin types
 - normal skin
 - abnormal skin conditions
 - minor skin blemishes
 - skin diseases
- typical medical treatments, drugs and side effects relevant to diathermy
- relevant electrical equipment, including:
 - properties and use of electrical energy, electrostatics and electrical current in diathermy
 - use of alternating current for high frequency treatments
 - sources and effects of laser treatment in diathermy
 - safe practices and management
- factors affecting diathermy treatment outcomes:
 - client's pain tolerance
 - needle or probe size selection
 - accurate probing, including duration, angle and depth
 - correct probing and successful treatment outcomes
 - safety and comfort
 - current intensity and method choice

- causes of skin damage
- workplace product and equipment range and manufacturer instructions and safety data sheets.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- applying the requirements of federal, state or territory Acts and local regulations relating to skin penetration and infection control, workplace policies and procedures
- applying safe work practices in regard to diathermy services
- interpreting a treatment plan, including adapting the treatment to accommodate changes in client's condition
- recognising and managing contraindications and adverse effects
- selecting an appropriate needle or probe size, angle, depth, electrical current level and duration for a diathermy treatment, along with safely applying diathermy techniques for a variety of treatment areas
- consistently using effective questioning and active listening techniques to consult, reassure and negotiate with clients throughout the treatment, while maintaining discretion and confidentiality
- evaluating a diathermy treatment and advising the client on future treatments, home care and complementary products.

Context of and specific resources for assessment

Assessment must ensure:

- that competency is consistently demonstrated over a period of time and observed by the assessor or the technical expert working in partnership with the assessor as described in the Assessment Guidelines
- that competency is demonstrated in a simulated workplace environment in a range of real work situations which may include client interruptions and involvement in other related activities normally expected in the workplace.

Assessment must ensure access to:

- a private and fully equipped diathermy services treatment area, which includes as a minimum:
 - individual client workstations

- electrical supply to each workstation
- adjustable treatment couch with operator safe working access at head, foot and each side
- access to sterilised skin penetration small tools and equipment
- high frequency equipment
- blend current equipment
- disposable needles or probes
- disposable swabs
- personal protective equipment, including disposable gloves
- appropriate cleaning, sterilisation and disinfection products and equipment
- relevant workplace documentation including:
 - manufacturer's equipment instructions
 - product instructions
 - manufacturer safety data sheets
 - workplace policies and procedures manuals
- a range of clients with different diathermy requirements.

For further information on an appropriate simulated environment, refer to the Assessment Guidelines in this Training Package.

Methods of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- observation of learners performing a range of tasks in a simulated work environment, over sufficient time to demonstrate handling of a range of contingencies, including:
 - discussing variations to treatment plan with client
 - selecting current of machine according to agreed treatment plan
 - conducting a patch test
 - disposing of waste according to workplace policies and procedures
 - applying infection control and skin penetration procedures
 - obtaining and recording feedback from client on the outcomes of the treatment
- written and oral questioning appropriate to the language and literacy level of the learner, to assess knowledge and understanding of diathermy procedures, including a knowledge of the safe use of electrical currents and of anatomy and physiology
- completion of workplace documentation relevant to providing diathermy services
- third-party reports from technical experts
- completion of self-paced learning materials, including personal reflection and feedback from trainer, coach or supervisor.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:

- SIBBCCS405A Develop treatment plans
- SIBBCCS406A Use electricity in beauty therapy treatments
- SIBBHRS504A Provide electrolysis treatments.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

- Treatment plan*** must include:
- treatment areas
 - contraindications
 - relevant medical conditions and medications
 - equipment
 - products
 - treatment duration.
- Variations to the treatment plan*** may include:
- changes in client's physical condition
 - changes to client's requirements.
- Clients*** may include:
- new or regular clients with routine or special needs
 - male or female clients
 - people from a range of social, cultural and ethnic backgrounds and age groups with varying physical and mental abilities.
- Treatment procedure*** must identify:
- current duration
 - current intensity
 - post-treatment care.
- Relevant legislation and codes*** may include:
- state or territory Acts and regulations relating to skin penetration
 - occupational health and safety
 - industry codes of practice.
- Workplace policies and procedures*** may include:
- workplace practice in response to skin penetration Acts and regulations
 - infection controls
 - environmental protection practices, such as:
 - safe disposal of sharps and other treatment waste
 - waste minimisation
 - energy efficiency, e.g. electricity saving devices and practices
 - resource management
 - water efficiency
 - designated time frames for the completion of the service.

- Equipment*** must include:
- high frequency
 - blend current.
- Patch test*** must include:
- replication of treatment plan:
 - procedures
 - products
 - equipment.
- Treatment area*** may include:
- face
 - upper chest.
- Infection control procedures*** must include:
- use of personal protective equipment
 - equipment sterilisation and disinfection
 - use of disposable equipment.
- Skin penetration procedures*** must include:
- disinfection of treatment area
 - prevention of blood to blood contact
 - disposal of sharps
 - disposal of infectious and non-infectious waste.
- Treatment waste*** may include:
- needles or probes
 - disposable nitrile gloves
 - swabs.
- Client feedback*** may include:
- comments
 - suggestions
 - enquiries.
- Relevant outcomes of treatment*** may include:
- client's satisfaction with treatment
 - pain experienced
 - appearance of treatment area.
- Future treatment program*** may include:
- number and frequency of treatments
 - complementary services or treatments.
- Home-care advice*** may include:
- special care of treatment area
 - sun protection
 - avoidance of intense physical activity
 - dietary advice
 - skin peels.
- Adverse effects*** may include:
- inflammation arising from treatment
 - scarring
 - over treatment
 - bruising.
- Source of referral*** may include:
- complementary therapist
 - medical practitioner.

Unit Sector(s)

Beauty

Competency Field

Skin Services