



**Australian Government**

# **HLTOPD009 Dispense atypical and complex optical prescriptions**

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## Modification History

| Release | Comments                                                               |
|---------|------------------------------------------------------------------------|
| 1       | This unit of competency was first released in HLT Health Release 10.0. |

## Application

This unit describes the skills and knowledge required to evaluate client needs, take measurements and make calculations to facilitate effective dispensing for atypical prescriptions, including for low vision clients, high myopia and complex situations.

This unit applies to optical dispensers who work according to prescriptions provided by optometrists and ophthalmologists.

*The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.*

## Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite unit(s)

No pre-requisite units

## Competency field(s)

N/A

## Unit sector(s)

Optical Dispensing

## Elements and Performance Criteria

| Element                                       | Performance criteria                                                                                   |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <i>Elements define the essential outcomes</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| 1. Evaluate client needs                      | 1.1 Access and interpret the parameters of atypical and complex prescriptions                          |

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                      | <p>1.2 Analyse the prescription and identify areas of freedom and constraints</p> <p>1.3 Consult with client to identify their individual needs and requirements</p> <p>1.4 Select suitable lens designs, lens types, and lens treatment combinations to suit individual requirements depending on client's needs and client's prescription</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2. Determine specifications for atypical and complex prescriptions   | <p>2.1 Take measurements and make calculations required to dispense atypical and complex prescriptions and record in client records</p> <p>2.2 Verify that the selected option meets cosmetic, optical and functional needs</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3. Dispense frames and lenses for atypical and complex prescriptions | <p>3.1 Explain optical frame fitting process and obtain client consent for fitting</p> <p>3.2 Select and prepare optical frame fitting equipment and materials</p> <p>3.3 Select lens treatments or additional requirements to maximise the visual performance and quality of finished spectacles</p> <p>3.4 Take measurements, specify lens fitting criteria appropriate for the client and record in client records</p> <p>3.5 Verify the quality of the finished spectacles</p> <p>3.6 Fit spectacles according to final procedures and adjust as per client individual needs</p> <p>3.7 Consult with client to confirm satisfaction with spectacles fit, comfort and vision</p> <p>3.8 Clean and disinfect to meet workplace health and safety requirements and infection control and hygiene requirements</p> |
| 4. Instruct client on optical appliance use                          | <p>4.1 Provide client with details about how to wear the appliance</p> <p>4.2 Provide specific instructions regarding use of low vision aids to client and carer</p> <p>4.3 Instruct client on appliance care routines</p> <p>4.4 Reinforce and support advice provided by low vision practitioner on correct use of low vision aids</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5. Finalise dispensing process                                       | <p>5.1 Process financial transactions according to organisational procedures</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|  |                                                                                                                                                                                                                                                                                                                           |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>5.2 Process client rebates according to organisational procedures and health fund and rebate requirements</p> <p>5.3 Offer follow up services in accordance with organisational procedures</p> <p>5.4 Complete and store records according to organisational record management procedures and privacy requirements</p> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Foundation skills

The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

| Skill              | Description                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading            | <ul style="list-style-type: none"> <li>interprets organisational procedures and practitioner's instructions.</li> </ul>                                                                                                                                                                                                                                                    |
| Oral communication | <ul style="list-style-type: none"> <li>discusses atypical and complex optical appliance selection with clients.</li> <li>uses active listening and respectful language to respond to client questions.</li> <li>explains the correct use and care of atypical and complex optical appliances using language appropriate to the client's level of understanding.</li> </ul> |
| Numeracy           | <ul style="list-style-type: none"> <li>interprets technical specifications in prescriptions and client records.</li> <li>calculates vertex distance and lens thickness.</li> <li>measures and records inter-pupillary distance and fitting heights.</li> <li>uses measuring tools to take measurements.</li> </ul>                                                         |

Digital literacy outcomes are included in the Companion Volume Implementation Guide.

## Range of conditions

N/A

## Assessment Requirements for HLTOPD009 Dispense atypical and complex optical prescriptions

### Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- dispensed optical appliances for atypical and complex prescriptions to at least 7 different clients of including:
  - more than one gender and varying ages
- dispensed optical appliances for prescriptions that include:
  - at least 2 high-powered prescriptions above  $\pm 6.00D$
  - at least 2 prescriptions involving prism correction for visual alignment needs
  - at least 3 prescriptions for myopia control for children of different ages
- fitted frame and measured vertex distance and accurately calculated any necessary compensation for precise lens ordering
- verified the completed spectacles for all seven clients, ensuring correct fit and optimal visual performance

### Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- legal and ethical considerations for dispensing optical advice to clients, including:
  - duty of care
  - informed consent
  - privacy, confidentiality and disclosure
  - records management
  - work role boundaries – responsibilities and limitations
  - work health and safety
  - infection control and hygiene
- organisational procedures, including:
  - dispensing
  - financial transaction processing
  - rebate documentation requirements

- record management
  - client follow-up protocols
  - referrals
- requirements of dispensing spectacles to clients with special or complex needs, including:
  - low vision, what it is, and aids that assist
  - commonly occurring problems in a dispensing situation and possible solutions
  - action to be taken according to prescription requirements and the needs of the client
- types of atypical prescriptions and how to interpret and transpose them, including:
  - anisometropia
  - aphakia
  - high ametropia
  - prism
- features and capabilities of high-powered lenses, including:
  - aspheric lens design
  - centring
  - compensating for vertex distance change
  - edging and bevelling profile
  - full field lens design
  - general problems associated with dispensing aphakic lenses including jack-in-the-box effect and ring scotoma
  - lenticular designs
- field of view and its impact on atypical dispensing, including:
  - apparent versus real
  - aspheric lenses
  - calculations
  - high minus corrections
  - high plus corrections
- features of high ametropia, including:
  - compensated surface power
  - corrections
  - prescription requirements and constraints
  - types

- ways to respond to aniso and antimetropia, including:
  - correcting vertical imbalance problems
  - effects of lens form
  - effects of thickness
  - prism differential
- features of spectacle magnification, including:
  - effects on visual acuity
  - positive compared to negative lenses
  - retinal image size
- high minus lenses and negative lenticulars and how they are used, including:
  - centring
  - compensating for vertex distance change
  - dispensing high index materials
  - high index materials
  - lenticular types and designs
  - surface reflections and the need for antireflection and multi-coatings
- high prismatic corrections and how they are achieved, including:
  - fresnels and their use
  - high horizontal prism
  - high vertical prism
- myopia management in optical dispensing, including:
  - definition and contributing factors
  - types, benefits and limitations of myopia control lenses
  - key measurements and dispensing requirements
  - emerging technologies and innovations in myopia management
- calculations and strategies to improve field of view for atypical prescriptions
- methods for compounding and resolving prism for complex prescriptions
- prescription calculations, including effective power, compensated power, and vertex distance adjustments

## Assessment Conditions

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
  - digital measurement tools

- lens measure
- optical ruler
- pupillometer
- thickness callipers
- vertex distance calliper that is a distometer type
- vertex distance calculator including disc, table or chart
- vertex distance rule
- modelling of industry operating conditions, including integration of problem solving activities

Assessors must satisfy the current Standards for Registered Training Organisations (RTOs) /AQTF mandatory competency requirements for assessors.

## Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

## Unit Mapping Information

| Previous Code and Title                   | Equivalence    | Comments                                                                                                                             |
|-------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| HLTOPD003 Dispense atypical prescriptions | Not equivalent | Changes to the application, elements, and performance criteria, performance evidence, knowledge evidence, and assessment conditions. |

## Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>.