



Presents

## Visual Dysfunction and Brain Injury

This is an essential two-day course for therapists working within neurological rehabilitation. It is designed to increase awareness of the impact of brain injury on effective visual processing, review level of incidence of visual impairments, increase knowledge of the functional implications, learn how to screen for visual dysfunction and incorporate concepts of vision therapy into rehabilitation programmes.

### Contents:

- Review of the anatomy of vision and the mature visual processing system
- Understanding normal vision
- Damage to the eye, optic nerve and visual processing centres
- Resulting impairments –review of the optometric model
- Post trauma vision syndrome and the effects of TBI on vision
- Vestibular system and vision – bimodal functions and spatial processing
- Stroke and Vision – diplopia, hemianopia and visual neglect
- Visual efficiency disorders
- Impact of impairments on function and rehabilitation programmes
- Driving and hemianopia
- Assessment- MDT roles – screening for referral to optometry
- How to complete a screening assessment
- Developing guidelines and pathways for MDT management of brain injury related visual dysfunction. Safe practice techniques for allied health
- Treatment- prescriptive devices
- Treatment – vision therapy and new techniques
- Neuroplasticity of the visual system
- Case studies

This course comes with an extensive resource manual.