HC4 Obtain images of the retina

About this workforce competence

This workforce competence covers how to obtain images of the eye using fundus photography within a screening programme for diabetic retinopathy

Links

This workforce competence links with the following dimensions and levels within the NHS Knowledge and Skills Framework (October 2004)

Dimension HWB6: Assessment and treatment planning

Level: 3

Origin

This workforce competence has been developed by Skills for Health.

It is based on competence *OVS13 Obtain images of eye and supporting structures using light or lasers* developed by the Health Care Science Project 2002

Scope

Other abnormalities in the eye

Other abnormalities in the eye include:

a) lesions other than diabetic retinopathy as defined

by local protocols

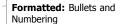
Individuals/patients

patients of 12 years of age or older

Performance criteria

You need to:

- 1. limit risks of infection by using appropriate infection control procedures
- confirm the **patient** identity and ensure the patient data is entered correctly onto digital imaging systems
- 3. ____select the appropriate modality for fundus photography
- 4. where required by local protocols, document anterior segment abnormalities which may prevent adequate fundus photography
- 5. ___make sure that the patient is sitting as comfortably as possible and is suitably positioned and aligned for each image capture
- 6. make sure that you are sitting comfortably and are correctly positioned to obtain images of the patient's eyes in accordance with Health and Safety protocols
- obtain images of suitable clarity and in sufficient quantity according to your national and local protocol
- 8. ___take extra images where necessary, in accordance with your local screening programme guidelines
- 9. record why images of suitable clarity or field position cannot be obtained if known
- 10. record and store images in accordance with relevant protocols and procedures
- 11. record any adverse event or critical incident



Knowledge and understanding

You need to apply:

National guidelines

K1 A basic awareness of national guidelines on eye screening and on diabetes monitoring, management and education

Working in partnership with patients and carers

K2 A working understanding of the social, cultural and economic background of the patient/carer group

Specialist knowledge for eye screening

- K3 A working understanding of contra-indications, risks and reactions to this procedure
- K4 A working understanding of National Screening Programme protocols for taking images
- K5 A working understanding of how to change the ambient lighting/ environment according to need
- K6 A working understanding of reason/s for selection of imaging modality according to clinical condition
- K7 A working understanding of how to identify and minimise artefacts and poor quality images due to ocular conditions, operator error and patient compliance
- K8 A factual knowledge of the relationship between normal and **abnormal findings** and diseases and conditions of eye and supporting structures
- K9 A working understanding of your local infection control procedures
- K10 A working understanding of how to manage and how to record adverse events and critical incidents, as relates to this activity
- K11 A working understanding of the use of internal and external fixation targets

Diabetes

- K12 A factual knowledge of causes, signs and symptoms of diabetes
- K13 A factual knowledge of the development of complications of diabetes
- K14 A factual knowledge of the effects of diabetes on a person's eyes

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Organisational and legal issues

K15 An in-depth understanding of your role in the healthcare team and the role of K16 A working understanding of the law and good practice guidelines on consent K17 A basic awareness of local guidelines on diabetes healthcare K18 A working understanding of local referral pathways K19 A working understanding of local systems for recording patient information K20 A factual knowledge of the Data Protection Act and local patient information protection protocols K21 A factual knowledge of quality assurance systems K22 A working understanding of the complaints system and how to handle complaints