

[Unique Reference Number]

Obtain images of the retina



Overview

This standard covers how to obtain images of the eye using fundus photography within a screening programme for diabetic retinopathy. Users of this standard will need to ensure that practice reflects up to date information and policies.

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Performance criteria

You must be able to:

- P1 limit risks of infection by using appropriate infection control procedures
- P2 confirm the patient identity and ensure the patient data is entered correctly onto digital imaging systems
- P3 select the appropriate modality for fundus photography
- P4 where required by local protocols, document anterior segment abnormalities which may prevent adequate fundus photography
- P5 make sure that the patient is sitting as comfortably as possible and is suitably positioned and aligned for each image capture
- P6 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
- P7 obtain images of suitable clarity and in sufficient quantity according to your national and local protocol
- P8 take extra images where necessary, in accordance with your local screening programme guidelines
- P9 record why images of suitable clarity or field position cannot be obtained if known
- P10 record and store images in accordance with relevant protocols and procedures
- P11 record any adverse event or critical incident

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Knowledge and understanding

You need to know and understand:

- K1 national guidelines on eye screening and on diabetes monitoring, management and education
- K2 the social, cultural and economic background of the patient/carer group
- K3 contra-indications, risks and reactions to this procedure
- K4 national Screening Programme protocols for taking images
- K5 how to change the ambient lighting/ environment according to need
- K6 reason/s for selection of imaging modality according to clinical condition
- K7 how to identify and minimise artefacts and poor quality images due to ocular conditions, operator error and patient compliance
- K8 the relationship between normal and abnormal findings and diseases and conditions of eye and supporting structures
- K9 your local infection control procedures
- K10 how to manage and how to record adverse events and critical incidents, as relates to this activity
- K11 the use of internal and external fixation targets
- K12 causes, signs and symptoms of diabetes
- K13 the development of complications of diabetes
- K14 the effects of diabetes on a person's eyes
- K15 your role in the healthcare team and the role of others
- K16 the law and good practice guidelines on consent
- K17 local guidelines on diabetes healthcare
- K18 local referral pathways
- K19 local systems for recording patient information
- K20 the Data Protection Act and local patient information protection protocols
- K21 quality assurance systems
- K22 the complaints system and how to handle complaints

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Additional Information

Links to other NOS

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: HWB6 Assessment and treatment planning

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Relevant occupations	
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Suite	Diabetic Retinopathy
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