

CLINICAL GUIDELINE

Eye Care Procedures in the Community

A guideline is intended to assist healthcare professionals in the choice of disease-specific treatments.

Clinical judgement should be exercised on the applicability of any guideline, influenced by individual patient characteristics. Clinicians should be mindful of the potential for harmful polypharmacy and increased susceptibility to adverse drug reactions in patients with multiple morbidities or frailty.

If, after discussion with the patient or carer, there are good reasons for not following a guideline, it is good practice to record these and communicate them to others involved in the care of the patient.

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Important Note:

The Intranet version of this document is the only version that is maintained.

Any printed copies should therefore be viewed as 'Uncontrolled' and as such, may not necessarily contain the latest updates and amendments.

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1. Introduction

Eye care is the practice of assessing, cleaning or irrigating the eye and/or the instillation of prescribed ocular preparations. Topical eye treatments, including eye drops and ointments are governed by the same controls as medication administered by other routes.

2. Indications

Eye care may be necessary under the following circumstances:

- Prevent or treat infection
- Prevent or treat injury to the eye
- Care for eye prostheses
- Care following surgical interventions or treatments

3. Scope

This guideline applies to all nurses working within Community Nursing Services in NHSGG&C who are required to undertake eye care as described above in accordance with local and national policies. This document provides guidance for Community Healthcare and Treatment Room Staff who provide eye care in the home or in the health centre. It covers cleansing of the eye, instillation of eye drops/ointments, care of eye prostheses, eye irrigation for adults. It does not cover eye care for children under the age of 16 (although it is accepted that, following appropriate assessment and GP referral, patients under the age of 16 with specific eye related conditions might meet criteria for eye care as indicated in this document).

This guideline should be read in conjunction with the Dry Eye Management in Clinical Care Clinical Guideline (2017)

4. Professional Accountability

As a registered practitioner you are accountable for your actions and omissions and must always be able to justify your decision-making. It is the responsibility of each practitioner to ensure competency in eye care. Patient education and professional execution of procedures must be carried out in accordance with the Nursing and Midwifery Council (NMC). Information relating to professional accountability and procedural responsibilities are included below. Each of these documents has contributed to this guidance:

- Nursing and Midwifery Council (2015) The NMC Code: Professional Standards of Practice and Behaviours for Nurses and Midwives
- NHS Greater Glasgow Primary Care NHS Division (2005) Eye Care Protocol and Procedure
- Nursing and Midwifery Council (2009) Record Keeping. Guidance for Nurses and Midwives
- NHS Greater Glasgow and Clyde (2015) Professionals Standards for Record Keeping Policy
- NHSGG&C Prevention and Control of Infection Clinical Waste Policy

 Nursing Midwifery Council (NMC) (2010) Standards for Medicines Management: Section 4

Where appropriate, reference should be made to the specific information contained within these documents.

5. Criteria

Patients with acute and chronic conditions, living in the community (aged 16 years or over) requiring support with eye care, and/or instillation of eye medication. Patients should be assessed by a GP or suitably trained practitioner and thereafter provided with treatment which may include education, instillation of eye drops/ointment or care following surgical intervention. Referral to specialist services such as Ophthalmology may be required. Pre- and post-operative interventions including eye cleansing, training on instillation of eye drops/ointment etc must also be considered. Where possible patient information leaflets should also be considered.

Any changes to the patient's assessment, treatment or condition should be clearly documented and communicated to all those involved in the care of that individual.

6. Roles and Responsibilities

Responsibility for the overall management of procedures associated with eye care (including delegated tasks) lies with the Registered Nurse either within the patient's home environment or a clinical environment such as the Treatment Room. The Nurse must ensure that they are competent in the following before undertaking any eye care associated procedure:

Understand and Interpret:

- Anatomy and physiology of the eye
- Infection control principles
- Identify signs and symptoms of complications
- Awareness of anaphylaxis/emergency response
- Record keeping and reporting procedures
- Storage of medicines
- Training in eye care and instillation of medication
- Training in CPR technique

Knowledge of:

- Correct use of eye care treatments
- Correct use of eye care equipment
- Procedures for eye care and eye care treatments
- Indications and contraindications for eye care and eye care treatments
- NHSGG&C Standard Operating Procedures for Cleaning of Near Patient Equipment Disposal of clinical waste as per NHSGG&C Prevention and Control of Infection
- Eve Examination and criteria for GP referral/intervention
- Patient information about instillation of eye drops and ointments
- Patient information about pre- and post-surgical eye care
- Comply with the Recording Keeping requirements (NMC Code)
- Decontamination of equipment and safe disposal of biological materials

Registered Nurses are accountable for the supervision of delegated healthcare tasks. This involves ensuring:

- Completion of the appropriate risk assessment
- Undertaking of relevant training (e.g. face-to-face, classroom, online)
- Successful completion and sign off of competency framework

Health Care Support Workers must only undertake eye care once they have received appropriate training, demonstrated competency, supervision and delegation by a Registered Nurse. A risk assessment must be completed for Health Care Support Workers prior to carrying out delegated tasks.

Management of tasks and procedures associated with eye care can often be undertaken by the patients themselves following advice, training and support. Patient self-management and a move toward increased independence should be encouraged so where possible eye care should be considered an opportunity for self care.

7. Documentation – Care Planning

Care plans must reflect the identified needs and outcomes of the patients and follow Standard Operating Procedures where these exist. Care plans should be person-centred and identify the elements of care required of any treatment, including the procedural elements listed above.

It is essential that care plans are accessed by those about to provide eye care to ensure safety, consistency and patient centred care. As a person's needs/requirements change, the care plan should reflect these changes.

Opportunities for self-care should also be explored. Devices are available to assist individuals to administer their own eye drops. In some cases carers can be trained to manage eye care. Leaflets should be made available for patients and their carers to assist them in self-management.

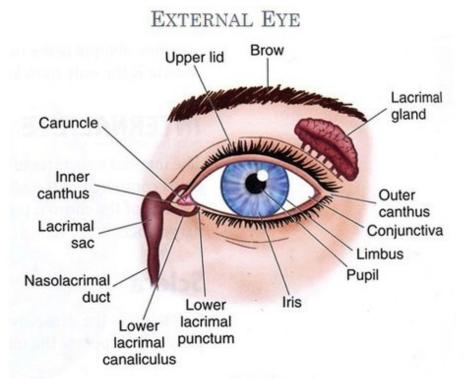
8. Training & Competency Requirements of Registered Nurses undertaking Eye Care

Requirement	Methods of Meeting Requirement
Registered Nurses must be	Local Protocols
appropriately trained in performing	Training Opportunities
eye care interventions. Competency	Certificates / Records of Achievement
must be sustained and evidenced	following appropriate training /
	observation

9. Scheduled Visits/Appointments to Undertake Eye Care

All patients requiring eye care will have a visit scheduled on CNIS or (if mobile) will receive an appointment to attend their local Treatment Room. If the patient has capacity and the ability to be self-caring in relation to eye care, support and information should be provided to ensure they are able to successfully manage every aspect of eye care.

10. Glossary of Terms and Anatomy of Eye and Socket



	Ocular	Relating to the eye
	Lower Fornix	Just inside the lower lid
	Nasal Canthus	The angle formed by the junction of the upper and lower eyelids,
		on the nasal side

11. Procedure for Cleansing the Eye

This is produced as a guideline to facilitate good clinical practice. It represents recognised methods and techniques of clinical practice based upon published evidence. Health professionals should understand the rational and potential complications of each intervention. Standard Infection Control precautions as per NHSGG&C guidelines should be adhered to. Informed consent should be adhered to in line with NHSGG&C policy.

Rationale:

Eye cleansing (as opposed to eye irrigation) is useful to:

- remove any debris that may have accumulated on the lashes
- maintain patient comfort

Ocular medications are most commonly delivered in the form of topical drops or ointments to prevent or treat infections or inflammation. Cleansing of the eye is often required before administration of ocular medications. The following section lists the equipment and describes the procedure for cleansing of the eye. The contents of this section should be applied to the other sections describing instillation of eye drops, ointment and removal or insertion of prosthesis.

Equipment for Cleaning the Eye:

If cleansing both eyes, each should be treated separately, to prevent cross contamination, using a separate swab for each eye. Always treat the uninfected or uninflamed eye first.

Equipment Requirements for Cleansing the Eye		
Eye Care Pack (only where indicated)		
Non-woven cotton wool balls or non-sterile gauze swabs		
Gallipot		
Normal Saline (Sodium Chloride 0.9% sachets) or cooled boiled water		
Tissues		
Non-sterile gloves (non-touch technique)		
Single use disposable apron		
Disposal bag for soiled items		
Good light source		
Access to relevant patient's records		

	Procedure	Rationale
1	Confirm patient's identity by asking for full name and date of birth or confirm identity with family/carer. In case of capacity issues, follow NHSGG&C policy	Ensure positive identification of patient
2	Explain the procedure to the patient to ensure they understand what is involved and gain informed verbal consent	Allows patient to make an informed decision and gains their cooperation
3	Collect and check all equipment	To prevent delays and facilitate full concentration with the procedure
4	Patient to be encouraged to sit/lie with head well supported in a position they find comfortable	To facilitate ease and accuracy of procedure
5	Ensure light source is adequate	To facilitate ease and accuracy of procedure
6	Decontaminate hands prior to the procedure. If using alcohol hand gel, ensure hands are dry before commencing the procedure	To prevent irritation and reduce the risk of infection and transfer of transient organisms
7	Apply gloves and single-use disposable apron	To protect clothing or uniform from contamination and potential transfer of microorganisms
8	Clean the eyelids if necessary to remove discharge or crusting. In the case of crusting, the eyelids can be cleaned by employing a gentle scrubbing motion using a moistened	

non-woven cotton wool ball or gauze swab. Alternatively a moistened non-woven cotton wool ball or gauze swab can be placed over the closed eye and gently massaged until all debris is removed. This is particularly useful in the case of blepharitis.

In general, there are two recognised options for cleansing the eyes:

Option 1 - Bathing the eyes with the lids closed

- Moisten a non-woven cotton wool ball or gauze swab using relevant cleansing solution, squeezing excess liquid out.
- Ask the patient to look down and swab the upper eyelid from the nasal corner outwards.
- Repeat this as necessary using a clean swab each time

Option 2 - Bathing with eyes open

Begin with the upper lid

Upper Lid

- Moisten a non-woven cotton wool ball or gauze swab using relevant cleansing solution, squeezing excess liquid out
- Ask the patient to look down and swab the upper eyelid from the nasal corner outwards
- Repeat as necessary using a new swab each time until discharge/debris has been removed

Lower Lid

9

- Moisten a non-woven cotton wool ball or gauze swab using relevant cleansing solution, squeezing excess liquid out.
- Ask the patient to look up and swab the lower eyelid from the nasal corner outwards
- Repeat as necessary using a new swab each time until discharge/debris has been removed

Clean any equipment used and dispose of non-woven cotton wool balls, gauze

Reduces the risk of damaging the cornea

The action of the patient looking up or down helps you to avoid touching the cornea inadvertently Reduces the risk of swabbing discharge into the lachrymal ducts or into the other eye Reduces the risk of cross infection

To prevent cross infection Reduces the risk of swabbing discharge into the lachrymal ducts or into the other eye

To prevent cross infection and environmental contamination

	swabs and any other disposable equipment as per policy	
10	On completion of procedure remove and dispose of Personal Protective Equipment (PPE) to comply with Waste Management Policy	To prevent cross infection and environmental contamination
11	Decontaminate hands following removal of PPE	To remove any accumulation of transient and resident skin flora that may have built up under the glove and possible contamination following removal of PPE
12	If signs of infection or inflammation are noted, inform General Practitioner	Medical treatment may be required
13	Ensure patient is comfortable following procedure	Maintain privacy and dignity
14	Document procedure and all actions, including observations in patient's notes/nursing record	To monitor trends and fluctuations. Ensure compliance with Record Keeping Policy

12. Procedure for the Instillation of Eye Drops/Eye Ointments

In order to undertake any ocular treatment, the nurse requires knowledge of the anatomy of the eye, the eyelids and the eyelashes. This is a clean procedure. Where both eyes may require treatment, each eye must be treated separately. If infection is present, there should be two containers of medication: one for each eye labelled **Left** and **Right** to prevent cross contamination. If there is only one, the least affected eye should be treated first to minimise the likelihood of transfer of infection from one eye to the other. **If more than one eye preparation is to be inserted into the eye, there needs to be an interval of at least 5 minutes between the two preparations (BNF March 2017).**

For the purposes of explaining procedures for instilling eye drops or eye ointment this Clinical Guideline will consider both in the following section:

Equipment Required for Instilling Eye Drops or Eye Ointment:

If clean, intra-ocular medication can be administered. However if the eye requires to be cleansed prior to the procedure, follow the <u>Equipment and Procedure</u> above for cleansing the eye. PPE should be worn for all eye care procedures outlined in this guideline. These are listed within the section outlining cleansing of the eye and are therefore not repeated in describing the procedures below.

Equipment Requirements for Instilling Eye Drops/Ointment	
Prescribed eye drops/ointment	
Patient Direction to Administer Chart or equivalent	

	Procedure	Rationale
1	Explain the benefits to the patient and	Gain informed consent and
	that there may be potential side effects	reduce the risk of accidents/

	such as blurred vision and difficulty in	falls.
	focusing	To prove at a stigat as self-train
2	Check that patient has not already	To prevent patient receiving
	received eye drops/ointment by asking	eye preparation twice and
	the patient and checking patient's notes	prevent potential harm
3	Check the Patient's Direction to	To minimise the potential for
	Administer Chart or Prescription for the	drug errors
	following:	Clear instructions for the
	Drug, dose and type of modication (draps or cintment)	administration of medication is
	medication (drops or ointment) • Date and time of administration	essential – report any detected
	5	errors to Line Manager and
		complete Datix
	Which eye the medication is Transmitted for (right left or both)	Complete Batix
	prescribed for (right, left or both)	
	Clearly written instructions to	
	administer e.g. Direction to	
	Administer Chart, with unambiguous directions and	
	signature of prescriber	
	Check there are no	
	contraindications, such as	
	allergies to the medicine	
4	For Medication, check:	Medication outside its expiry
-	Manufacturer's expiry date of	date is no longer
	medication/s	pharmacologically efficacious
	Once opened, eye products	and may cause harm if
	usually must be discarded after	administered
	28 days - refer to manufacturer's	
	instructions for details or	Once opened, there is a
	pharmacy label	potential for contamination
	 Document on label, the date of 	
	opening	
	 Discard expired medication 	
	 Check pharmacy label on 	
	product matches the Direction to	
	Administer/prescription	
5	 Assess the patient's eye for any 	Reduce risk of infection and
	signs of infection or allergic	allergic reactions
	reaction	
	Confirm patient has no allergies	
	to any of the ingredients in the	
	prescribed eye products.	
	In the case of an allergic reaction, the purpose should not	
	reaction, the nurse should not proceed with the administration	
	of eye drops or ointment. Medical	
	staff should be notified	
	immediately and findings should	
	be documented in the patient's	
	record	
6	Patient to be encouraged to sit/lie with	For ease and accuracy of
	one one of a god to old ile with	i

head tilted backwards and well administration supported 7 **Eye Drops** This mixes the contents and • Gently shake the eye drop bottle Remove the cap and place on a ensures even distribution of the active drug clean surface Ask the patient to look up and To avoid contamination of the carefully pull the skin below the medicine or damage to the lower lid of the affected eye cornea using a clean tissue to make a pocket (fornix) and expose the conjunctival sac Instil the prescribed number of The action of the patient eve drops. If the patient blinks or looking up or down helps you closes their eyes, repeat the avoid touching the cornea with procedure the swab inadvertently Ensure the tip of the eye drop bottle does not come into contact with the patient's eye or eyelids Release the eyelid To avoid contamination of the • Ask the patient to close their eve medicine or damage to the for ideally for one minute (where cornea possible) • Wipe any excess eye drops, avoiding the eyelid margin • Explain to the patient that they may have blurred vision for a short time following administration of medication Record the administration of the eye medication in the patient's notes Alternative Method for Instilling Eye Drops Closed Eye For use only with patients who Ask the patient to lie down and have difficulty tolerating eye instil one eye drop at a time into drops directly to the socket the nasal corner of the eye below the eye Encourage patient to open the To ensure adequate drug eve and the eve drop should flow absorption into the eye **Eye Ointment** • Ensure the eyelid is cleansed as • Remove the cap and place on a clean surface Ask the patient to look up and carefully pull the skin below the

	lower lid of the affected eye	
	using a clean tissue to make a	
	pocket (fornix) and expose the	
	conjunctival sac	
	 Apply a thin stream of ointment, 	
	approximately 1 - 2cm in length	
	along the lower eyelid margin on	
	the inner conjunctiva from nasal	
	corner outwards.	
	 Ensure the tip of the eye 	
	ointment tube does not come into	
	contact with the patient's eye or	
	eyelids	
	Release the eyelid A slightly a patient to along their average.	
	 Ask the patient to close their eye for ideally one minute 	
	Wipe off any excess ointment	
	medication avoiding the eyelid	
	margin to avoid wiping away the	
	medication from the eye	
	Repeat as above if both eyes	
	require treatment with ointment	
	 Explain to the patient that they 	
	may have blurred vision for a	
	considerable length of time	
	following administration of	
	medication	
8	Ensure patient is comfortable following	Maintain privacy and dignity
9	If signs of infection or inflammation are	Medical treatment may be
9	noted, inform General Practitioner	required
10	Document all actions in Patient's	Ensure compliance with
	Record including the following:	NHSGG&C Record Keeping
	Consent	Policy
	Date	
	• Time	
	• Dose	
	 Medication 	
	 Administration site 	
	 Expiry Date 	
	Batch Number	
	 Patient perceptions following 	
4.4	care	
11	Print, sign and note designation of staff member for all entries made	Ensure compliance with
	member for all entries made	NHSGG&C Record Keeping Policy
		l
	If medication NOT given, document and	If medication is not given, the
	explain reasoning	rationale must be recorded for
	oxpiani reaccining	
	onpiam reasoning	effective communication

	with the community nursing
	team/s

13. Procedure for the Care of an Ocular Prosthesis

If the eye socket and/or prosthesis requires to be cleansed prior to the procedure, follow the <u>Equipment and Procedure</u> above for cleansing the eye. PPE should be worn for all eye care procedures outlined in this guideline. These are listed within the section outlining cleansing of the eye and are therefore not repeated in describing the procedures below.

Equipment:

Equipment Requirements for Care of an Ocular Prosthesis		
Appropriate receptacle		
Intra-ocular prosthesis		
Mirror		

	Procedure	Rationale
1	Patient to be encouraged to sit/lie with head well supported in a position they find comfortable	For facilitate ease and accuracy of
	supported in a position they find confictable	procedure
2	Removal of Prosthesis Wearing gloves, and with the dominant hand, gently pull the lower eyelid down to below the lower edge of the prosthesis and exert slight pressure below the lower eyelid to overcome the suction	Enabling the safe removal of the prosthesis
3	If mucous discharge is present, follow Procedure for cleansing the eye	Promotes patient comfort and reduce risk of infection
4	If signs of infection or inflammation are noted, inform General Practitioner and follow advice	Medical treatment maybe required Follow up referral to

		determine outcome if required
5	Insertion of Prosthesis	
	 Hold the prosthesis between the thumb and index finger the correct way round with the narrow end towards the nose 	To ensure correct insertion and reduce the risk of trauma
	 With the other hand, lift the upper eyelid Insert the upper part of the prosthesis gently under the upper eyelid and into the socket 	To improve access to the eye socket To ensure correct insertion
	 Gently lower the upper lid down on the prosthesis and hold in place 	Insertion
	 Pull down the lower eyelid to allow the inferior aspect of the prosthesis to slide behind the lower lid 	To prevent the prosthesis falling out
6	Patient to use mirror to ensure correct positioning	To facilitate patient
7	of the prosthetic eye Document in the Nursing Record:	comfort and dignity To monitor trends
-	All actions and observations	and fluctuations.
	Consent Deticat repositions	Ensure compliance with NHSGG&C
	Patient perceptionsIntervention	Record Keeping
	Plan in partnership with patient/carers any follow-	Policy
	up care/visits	

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