

PATIENT GROUP DIRECTION (PGD)

Administration of Oxygen for Neonatal Use

By Registered Midwives in the Maternity Unit of UHDB

Documentation details

Reference no:	UHDB206
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Valid from:	26/09/2022
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Expiry date:	25/09/2025

Change history

Version number	Change details	Date
1	New UHDB format	09/2022

Glossary

Abbreviation	Definition

1. PGD template development (PGD Working Group)

PGD Working Group Membership (minimum requirement of consultant, pharmacist and a registered professional who can work under a PGD, or manages the staff who do). If this is a review of existing PGD, replace previous names with the individuals involved for this version

Name	Designation
Claire Brackenbury	Lead midwife – Continuity of Carer / Registered Midwife
Sarah Evans	Intrapartum Matron/Registered Midwife
Julie Vanes	Senior Pharmacist Medicines Safety
Dominic Muogbo	Consultant Paediatrician

Where an antimicrobial is included, confirm the name, designation and date of the antimicrobial pharmacist who has reviewed this version

Name of antimicrobial pharmacist	Designation	Date Reviewed
n/a	n/a	n/a

2. Organisational authorisations

The PGD is not legally valid until it has had the relevant organisational authorisation.

University Hospitals of Derby & Burton NHS Foundation Trust authorises this PGD for use by the services or providers listed below:

Authorised for use by the following organisation and/or services
Registered Midwives in Maternity Services across UHDB
Limitations to authorisation

Organisational Authorisation (legal requirement).			
Role	Name	Sign	Date
Medicines Safety Officer	James Hooley	Signed copy held in Pharmacy	26/09/2022

Additional signatories (required as per legislation and locally agreed policy)			
Role	Name	Sign	Date
Senior pharmacist	Julie Vanes	Signed copy held in Pharmacy	15/09/2022
Consultant Paediatrician	Dominic Muogbo	Signed copy held in Pharmacy	22/09/2022
Intrapartum Midwifery Matron, UHDB	Sarah Evans	Signed copy held in Pharmacy	15/09/2022
Lead Midwife – Continuity of Carer, UHDB	Claire Brackenbury	Signed copy held in Pharmacy	16/09/2022

Local enquiries regarding the use of this PGD may be directed to UHDB.PGDgovernance@nhs.net

Section 7 provides a registered health professional authorisation sheet. Individual professionals must be authorised by name to work to this PGD.

3. Characteristics of staff

Qualifications and professional registration	<ul style="list-style-type: none"> • NMC registered midwife
Initial training	<ul style="list-style-type: none"> • Completion of all Essential-to-role training as outlined in the UHDB PGD policy. • Individual has read and understood full content of this PGD and signed authorisation (section 7) • Completion of Medicines Management Drug Assessment
Competency assessment	<p>Staff operating under this PGD are encouraged to review their competency using the NICE Competency Framework for health professionals using patient group directions</p>
Ongoing training and competency	<p>Individuals operating under this PGD are personally responsible for ensuring they remain up to date with the use of all medicines included in the PGD - if any training needs are identified these should be discussed with the either authorising manager (section 7) or the manager within the PGD working group (section 1) so that further training can be provided as required.</p> <p>Annual update for anaphylaxis.</p>
<p><i>The decision to supply any medication rests with the individual registered health professional who must abide by the PGD and any associated organisation policies.</i></p>	

4. Clinical condition or situation to which this PGD applies

Clinical condition or situation to which this PGD applies	Immediate resuscitation of the newborn
Criteria for inclusion	Neonates requiring resuscitation who have not responded to ventilation with room air.
Criteria for exclusion	Not applicable
Cautions including any relevant action to be taken	Commence ventilation with air +/- oxygen and obtain urgent medical help
Action to be taken if the patient is excluded	Obtain urgent medical help
Action to be taken if the patient or carer declines treatment	Not applicable in this case
Arrangements for referral for medical advice	Urgent bleep neonatal doctor on call.

5. Description of treatment

Name, strength & formulation of drug	Oxygen
Legal category	Prescription-only medicine (POM).
Route / method of administration	Inhalation via bag and mask or T piece
Indicate any off-label use (if relevant)	-
Dose and frequency of administration	Follow guidelines from Resuscitation Council (UK). <ul style="list-style-type: none"> Initial treatment for inpatients is using bag & mask on room air. Where a resuscitaire is available with an option for air/ O ₂ blending, set initial mixture to air and adjust according to clinical response.
Duration of treatment	As needed to achieve response (pink skin colour; crying lustily; heart rate >100/minute; good tone) or until medical help available
Quantity to be supplied (leave blank if PGD is administration ONLY)	n/a
Storage	Oxygen supplies should be stored and handled in accordance with trust procedures – See intranet (Net-i) page on Oxygen & Medical

	Gases - Oxygen and medical gases z UHDB Intranet - https://neti.uhdb.nhs.uk/az-cn-md-oxygen-and-medical-gases
Drug interactions	Not applicable.
Identification & management of adverse reactions	Adverse effects can result from high oxygen concentration. However, initiation for resuscitation in this PGD should not be delayed. Review for continuation can then be undertaken by the medical team responding to the emergency.
Management of and reporting procedure for adverse reactions	<ul style="list-style-type: none"> • Serious or unusual adverse reactions that could conceivably be attributable to the drug should be reported to a Doctor. • Healthcare professionals and patients/carers are encouraged to report suspected adverse reactions to the Medicines and Healthcare products Regulatory Agency (MHRA) using the Yellow Card reporting scheme on: https://yellowcard.mhra.gov.uk • Record all adverse drug reactions (ADRs) in the patient's medical record. • Serious adverse reactions (moderate harm or above as per NRLS definition) should be reported via trust incident management system (e.g. Datix) to ensure duty of candour and learning from harm during clinical use.
Written information to be given to patient or carer	If patient requesting written information offer patient information leaflet (PIL) provided with the product. (Can also be downloaded from www.medicines.org.uk)
Patient advice / follow up treatment	Verbal advice (which may need to be given retrospectively in urgent scenarios) on why drug administered, action of drug and subsequent management of condition.
Records	<p>Either the system holding the record, or the healthcare practitioner working under the PGD, must capture/document all of the following:</p> <ul style="list-style-type: none"> • name of individual, address, date of birth • name of medication supplied/administered • date of supply/administration • dose, form and route of supply/administration • quantity supplied/administered • batch number and expiry date (if applicable e.g. injections and implants) • advice given, including advice given if excluded or declines treatment • details of any adverse drug reactions and actions taken • Confirm whether <u>supplied and/or administered</u> via Patient Group Direction (PGD) <p>Records should be signed and dated (or a password controlled e-records). All records should be clear, legible and contemporaneous.</p> <p>For EPMA:</p>

	<p>Document the utilisation of the medicine under PGD by ordering the appropriate drug order item against the correct patient record in Lorenzo/Meditech. Document the administration of the medicine.</p> <p>If you are not recording in ePMA (or other electronic system which has ability to generate audit reports) then a record of all individuals receiving treatment under this PGD should also be in the clinical area for audit purposes as per UHDB PGD policy.</p>
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6. Key references

<p>Key references</p>	<ul style="list-style-type: none"> • Search Results - (emc) (medicines.org.uk) <i>Electronic Medicines Compendium</i> • <i>Electronic BNF</i> Oxygen Treatment summary BNF content published by NICE • <i>NICE Medicines practice guideline "Patient Group Directions"</i> https://www.nice.org.uk/guidance/mpg2 • https://medusa.wales.nhs.uk • <i>The Neonatal Formulary 8th Edition, Dr Sean Ainsworth (Oxford University Press 2020).</i>
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