



Drug Name: Desloratadine
NIM Number: 2016-228 v4

Nurse Initiated Medication

Medications should be administered according to this protocol by hospital-accredited staff only. The protocol includes sufficient detail on the medication for the direction and information of nursing staff.

This protocol contains NO AMENDMENTS.

No preparation containing Schedule 4 or Schedule 8 drugs may be included in this Nurse Initiated Protocols

Nurse initiated medications are not administered on an **ongoing** basis without a medical review. If, on review, the medication is to continue, it must be ordered on the medication chart by the medical officer.

Drug Name: Desloratadine

Valid until:
30th September 2026

Approved by Drug Committee on: 4th September 2023

Developed by:

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Team Members:

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Description of the drug:

- Less sedating antihistamine
- Reduce the effects of histamine by binding to the H₁ receptor and stabilising it in an inactive form
- Onset of action 1-3 hours with peak effect 8-12 hours (Duration > 24 hours)

Indications/patient eligibility criteria:

- For use in children over the age of 6 months
- Patients having [Generalised Allergic Reaction \(GAR\)](#). GAR are mild to moderate allergic reactions without respiratory or cardiovascular involvement
- Patient having anaphylaxis: after administration of IM adrenaline for further relief of histamine mediated symptoms.

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Expected outcomes:

- Reduction of cutaneous, rhino conjunctival and gastrointestinal symptoms of an allergic reaction

Side effects:

- Nervousness
- Hyperkinesia (muscle spasm)
- Sedation (less likely than traditional antihistamines)
- Headache
- Dry mouth
- Diarrhoea
- Fatigue

Overall desloratadine is very well tolerated and the incidence of side effects is comparable to placebo

Dosage range:

Age	Dose
• 6mths – 1 year	1 mg Stat
• 1 – 6 years	1.25 mg Stat
• 6 – 12 years	2.5 mg Stat
• 12 years /adults	5 mg Stat

Available Product / Strength:

- Desloratadine 0.5 mg/1 mL oral solution

Route of administration:

- Oral

Contraindications (including possible interaction with other drug therapy):

- Known hypersensitivity to loratadine/desloratadine
- Hypersensitivity to any components of the formulations such as preservative sodium benzoate (in syrup)
- Consider dosage reduction in severe hepatic impairment

Restrictions on categories of staff who may administer the medication and/nursing accreditation criteria, including completion of current nursing education package where applicable:

Allergy and Immunology

- Registered nurses employed by SCHN (Sydney Children's Hospitals Network) and supervised by the Allergy and Immunology departments

NSW Specialist Immunisation service (NSWISS)

- Adverse Events Following Immunisation Clinical Nurse Consultant

CHW Emergency Department

- Accredited Registered Nurses in the Emergency Department (see below for accreditation requirements)

Any other information deemed necessary:

- For nursing staff employed in food challenge clinics with SCHN, the Adverse Events Following Immunisation Clinical Nurse Consultant, and accredited nursing staff in CHW ED who meet requirements as listed below.

Process for documentation:

- The accredited Registered Nurse must clearly document and sign on the Medication Administration Record (MAR) utilising the Electronic Medication Management (eMM) system the date/time and dose given.
- In the events of Firstnet or eMM downtime, the accredited Registered Nurse must prescribe the dose as per the NSW Health PD2022_032 Medication Handling in NSW Health Public Facilities, on the National Inpatient Medication Chart (paediatric) (NIMC-Paediatric). The Registered Nurse must clearly document and sign on the NIMC(Paediatric) under the "Once Only Medicines" section the date/time and dose given and endorse the order with the words: "Nurse Initiated Medication."

Nursing NIM Desloratadine requirements:

- Completion of the ASCIA (Australasian Society of Clinical Immunology and Allergy) Allergy and Anaphylaxis e-training module for Health Professionals or the Professional Certificate in Allergy Nursing.
- Read and acknowledge the Anaphylaxis and General Allergic reaction policy.
- Evidence of completion to be submitted to either the nursing education team or the Allergy and Immunology/NSWISS Head of Department.

Observations

- **Observe patient for signs of progression of GAR to anaphylaxis**
- **Observe for adverse effects**
- **Document observations**

Expectation of the RN initiating the medication is to:

- Notify a Medical Officer of the administration as soon as practical
- Clearly document the date, time and dose given and sign on the Medication Administration Record (MAR) utilising the Electronic Medication Management (eMM) system, or the NIMC (National Inpatient Medication Chart)- Paediatric (during downtime only).
- Utilise the pre-existing "Nurse Initiated Medication" order sentence on the eMM to indicate that desloratadine was prescribed under the Nurse Initiated Medication conditions.
- Document within eMR.

Time/dose limit that a RN can initiate a Nurse Initiated Medication before consultation with a medical officer

- **No further doses** can be administered without review by a medical officer

References

- NSW Health. (2022, August 11). Medication Handling. Retrieved August 29, 2022, from https://www1.health.nsw.gov.au/pds/ActivePDSDocuments/PD2022_032.pdf

- Sydney Children's Hospital Network. (2020, April 1). Medication Administration. Retrieved March 15, 2022, from <https://www.schn.health.nsw.gov.au/policies/pdf/2020-043.pdf>
- Sydney Children's Hospitals Network. (2019, November 1). Anaphylaxis and Generalised Allergic Reaction (GAR). Retrieved March 15, 2022, from <https://www.schn.health.nsw.gov.au/policies/pdf/2015-9066.pdf>
- AMH childrens dosing companion. (2023) Desloratadine. Retrieved (Date) from <https://childrens.amh.net.au.acs.hcn.com.au/monographs/desloratadine>
- AMH.(2023) Desloratadine. Retrieved June 2nd, 2023, from <https://amhonline.amh.net.au.acs.hcn.com.au/chapters/allergy-anaphylaxis/antihistamines/less-sedating-antihistamines/desloratadine?menu=hints>
- The Children's Hospital at Westmead. (2017). Desloratadine - Meds 4 Kids Dosing Guide Westmead. Retrieved June 2nd, 2023 from <https://webapps.schn.health.nsw.gov.au/meds4kids/browse/D>
- Micromedix. (2023). Desloratadine. Retrieved 2nd June 2023, from <https://www.micromedexsolutions.com.acs.hcn.com.au/micromedex2/librarian/PFDefaultActionId/evidencexpert.DoIntegratedSearch?navitem=topHome&isToolPage=true#>
- MIMS Australia. (2023). MIMS Online – Desloratadine (Aerius) Retrieved June 20, 2023, from https://www.mimsonline.com.au.acs.hcn.com.au/Search/AbbrPI.aspx?ModuleName=Product%20Info&searchKeyword=Desloratadine&PreviousPage=~/Search/QuickSearch.aspx&SearchType=&ID=81240002_2