

Office of Kids and Families

IMPLEMENTATION TOOLKIT

Humidified High Flow Nasal Cannula Oxygen Guideline for Metropolitan Paediatric Wards and Emergency Departments

1st edition



Health

Humidified High Flow Nasal Cannula Oxygen Guideline for Metropolitan Paediatric Wards and ED's Implementation Toolkit

The **Humidified High-Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and Emergency Departments** has been developed by an expert group of MP4 (Metropolitan Paediatric Level 4) clinicians and in consultation with relevant clinical experts in NSW and the Emergency Care Institute. The aim is to provide a guide to clinicians and achieve the best possible paediatric care in metropolitan level 4 paediatric units and emergency departments.

Each Metropolitan Local Health District (LHD) that provides a Level 4 paediatric service and emergency services for paediatrics is responsible for ensuring that this guideline, or a locally adapted guideline based on this guideline, is in place in hospitals and facilities required to assess or manage paediatric patients with respiratory compromise and likely to require HHFNC therapy. LHD's are also responsible for ensuring staff caring for paediatric patients are educated in the use of the paediatric guidelines and protocols.

This toolkit aims to provide you with the resources and information required in order to implement this guideline in the most efficient and informative way possible. This toolkit also provides facilities the ability to monitor and measure use of the guideline through an auditing tool.

Together the **Humidified High-Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's** and **Implementation Toolkit** will assist your department and facility in meeting the National Safety and Quality Health Service (NSQHS) Standards as defined below:

Standard 1: Governance for Safety and Quality in Health Service Organisations

1.7 Developing and/or applying clinical guidelines or pathways that are supported by the best available evidence with actions required including:

1.7.1 Agreed and documented clinical guidelines and/or pathways are available to the clinical workforce

1.7.2 The use of agreed clinical guidelines by the clinical workforce is monitored

IMPLEMENTATION

A number of priorities have been identified to facilitate the implementation of this guideline into the relevant clinical areas. The priorities are:

- communication
- education and raising awareness
- integration into practice
- monitoring

The following table identifies the defined implementation priorities with suggested objectives and aims to assist in efficient implementation of the standard and to assist your department/facility in meeting the aforementioned National (NSQHS) Standards. Suggested supporting partners have also been listed in order to assist with this implementation.

Priority	Objective	Implementation	Suggested Time Frames	Responsible Partners
1. Communication	To provide opportunities for all clinical staff in Metropolitan Paediatric Wards and Emergency Departments to have access to the <i>Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's</i>	Publication of the guideline on the NSW Health and NSW Kids and Families websites. The guideline will be distributed to metropolitan LHD's. The guideline will be disseminated to clinicians.	At 0 Month At 2 Months	Office of Kids & Families Metropolitan Local Health Districts Children's Healthcare Network (CHN) Metropolitan Paediatric Level 4 Units (MP4) and Emergency Departments
2. Education and Raising Awareness	To enable all staff in NSW Health to have access to information and education about the <i>Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's</i> To empower clinical staff to question practice that is not consistent with the <i>Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's</i>	Clinicians will have access to the electronic version of the guideline – both long & short versions Local champions will provide an education update on the guideline. PPT Education Presentation accessible on the NSW Kids and Families Website. SKIP ELearning - Module Respiratory in Paediatrics available through HETI	At 0 Month At 2 Months	Office of Kids & Families Metropolitan Local Health Districts Metropolitan Paediatric Level 4 Units (MP4) and Emergency Departments
3. Integration into Practice	To integrate the <i>Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's</i>	The guideline will be consistent with other relevant NSW Health policies & guidelines. Identify inconsistencies between LHD policies, procedures, guidelines and education and the published guideline and plan required amendments.	At 6 Months At 6 Months	Office of Kids and Families Metropolitan Local Health Districts Metropolitan Paediatric Level 4 Units (MP4) and Emergency Departments
4. Monitoring	To measure and monitor the implementation of and ongoing compliance with the <i>Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's</i>	An audit tool for local use will be available via the Clinical Excellence Commission's Quality Audit Reporting System (QARS). A local champion (name and contact details) to monitor/evaluate adherence is provided to Office of Kids and Families Paediatric Healthcare Team Office of Kids and Families will provide support to champions regarding audit process	At 0 Months At 2 Months At 3 months	Office of Kids and Families Metropolitan Local Health Districts Metropolitan Paediatric Level 4 Units (MP4)

Supplied Material

The following resources will be supplied by the Office of Kids and Families for this project to support Clinical Staff in NSW with the implementation of the **Humidified High-Flow Nasal Cannula (HHFNC) Oxygen Guideline for Metropolitan Paediatric Wards and ED's**.

Materials to be supplied by <Client's Company>
Guideline - Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline – electronic
Flow Chart - Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline Flow Chart - electronic
Power Point Presentation - Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline
eLearning - SKIP ELearning - Module Respiratory in Paediatrics
Audit Tool - Humidified High Flow Nasal Cannula (HHFNC) Oxygen Guideline