

NURSING CARE PLAN No 2c
Care of an infant / child on High Flow Nasal Cannula
(HFNC) Oxygen Therapy- Airvo
All careplans must be used in conjunction with careplan 1

Full Name:
 Address: **Addressograph**
 HCR.....

Care Plan No 2c Problem	Care of an infant / child on CPAP / BIPAP Goals	Issue Date: April 2020 Review Date: April 2023	
..... Require High flow Nasal Cannula Related to:	<ol style="list-style-type: none"> 1. Prescribed HFNC will support respiratory needs safely & effectively. 2. Nasogastric tube insertion and feeding commencement, oral feeding if clinically indicated 3. Facial Skin Integrity is protected. 4. Psychological support for child & family 5. Infection Control 6. Discharge Planning 		
No	NURSING INTERVENTION	Commencement, Date, Signature, Time, Grade	Discontinued, Date, time, Signature, Grade
1	Prescribed HFNC will support respiratory needs of child safely & effectively.		
	<ul style="list-style-type: none"> • Carry out respiratory observations as requested by the medical team, report and record any deviations from normal: <i>detail in PEWs chart as required</i> <ol style="list-style-type: none"> 1. Continuous Oxygen saturations monitoring with HR 2. Monitor the infant child every 15 mins for response. Heart rate, Respiratory Rate, work of breathing. 3. After 2 hours on 15 mins observations and improvement in condition reduce observations to hourly 4. Improvements in condition should be noted in the first two hours of treatment, report and record. • Detail observations in PEWS chart as per OLGHC • Pass nasogastric tube if indicated as per OLGHC Enteral Feeding Guidelines • Tubing becomes very warm, do not cover with sheets or pillows as these may melt, always keep the tubing clipped away from the child • Ensure parameters of HFNC are as prescribed by medical team & liaise with Clinical engineering re set up: <ul style="list-style-type: none"> • HFNC as per script • Nasal cannula Type & Size _____ as per manufacturers instruction • Administer Oxygen as prescribed report and record effect. Detail oxygen requirement • Airvo has <u>no battery</u> capacity so must be plugged in • Assess child's response to prescribed HFNC report & document same. • Wean from HFNC as prescribed based on improvements 		
2	Nasogastric Tube Insertion		
	<ul style="list-style-type: none"> • Use in conjunction with OLGHC guidelines on NGT placement • Check pH prior to each feed or medication administration - range between 0-5.5 • Aspirate NGT 2-4 hourly to reduce the risk of abdominal distension. • Flush tube with 10ml syringe with 10ml of sterile water pre and post feed / medication administration (Adjust flushing volume as per child i.e. fluid restricted) <ul style="list-style-type: none"> • Change tube as per manufactures instructions • Date Tube Inserted _____ Size _____ Length _____ • Date Tube Inserted _____ Size _____ Length _____ • Oral and nasal care as needed 4 hourly report and document any concerns 		

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3	Facial Skin Integrity is Protected	Commencement , Date, Signature, Time, Grade	Discontinued, Date, time, Signature, Grade
	<ul style="list-style-type: none"> • Ensure correct nasal prongs are chosen based on the size of the infants/childs nostril • Assess for potential pressure areas & document skin integrity. • Determine the size of the nasal cannula based on the size of the nostril and Liaise with Clinical engineering as required. 		
4	Psychological Needs		
	<ul style="list-style-type: none"> • Provide age appropriate explanations to the child & family. • Liaise with the Play Specialist • Provide support, reassurance & address any concerns expressed. 		
5	Infection Control		
	<ul style="list-style-type: none"> • Decontaminate hands before and after each intervention • Ensure equipment is clean as per OLCHC policy • Filter and tubing change every two weeks as per manufacturer. • Ensure nasal cannula is change at least weekly 		
6	Discharge Planning		

Use in conjunction with the 3 Children's Hospital Guideline on the Use of Humified High Flow Nasal Cannula (HFNC) Oxygen Therapy in clinical areas outside the PICUs. http://olchcnet.hse.ie/OLCHC_Clinical_Guidelines/Clinical_Guidelines_Non_ED_A-Z/

Created by Nursing Department
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