



# **PEDIATRIC NEWBORN MEDICINE CLINICAL PRACTICE GUIDELINES**

Guideline for use of CPAP  
and High and Low Flow  
Nasal Cannula in the  
Special Care Nursery





<b>Clinical Guideline Name</b>	Guideline for CPAP and High and Low Flow Nasal Cannula in the Special Care Nursery
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<b>Approved By</b>	Pediatric Newborn Medicine Clinical Practice Council <u>3/22/17</u> CWN PPG <u>3/24/17</u> BWH SPP Steering <u>3/24/17</u> Nurse Executive Board/CNO <u>3/24/17</u> <u>MSEC 3/2017</u>

This is a clinical practice guideline intended to provide a framework for consistent respiratory care of babies requiring CPAP or nasal cannula in the Special Care Nursery (SCN). While the guideline is useful in approaching the use of continuous positive airway pressure in SCN, clinical judgment and / or new evidence may favor an alternative plan of care, the rationale for which should be documented in the medical record.

### I. Purpose

The purpose of these guidelines is to establish a framework of optimal management of respiratory care in the Special Care Nursery (SCN, also referred to as Growth and Development Unit).

- II. All CPGs will relay on the [NICU SCN Nursing Standards of Care](#). All relevant nursing PPGs are listed below.

### III. Respiratory Care in the SCN

Once an infant in the NICU demonstrates clinical stability off the ventilator and on lower level of respiratory support (including bubble CPAP, or nasal cannula), he/she can become a candidate for continued care in SCN if the remainder of SCN admission criteria is met (see [NICU SCN Nursing Standards of Care](#) document for detailed criteria). The respiratory support that can be provided to infants in SCN for convalescent care includes: bubble CPAP, high flow nasal cannula, or low flow nasal cannula. If an infant requires ventilated CPAP/NIPPV or mechanical ventilation, support and management should be provided in NICU.

NICU SCN M.2 (monitoring):

<https://hospitalpolicies.ellucid.com/documents/view/3216/22449/>

NICU SCN T.6 (transferring level of care within NICU SCN)

<https://hospitalpolicies.ellucid.com/documents/view/3233/22429/>



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NICU SCN: B.6 Blood Gas Sampling

<https://hospitalpolicies.ellucid.com/documents/view/3195/22432/>

[NICU SCN O.4 High Flow and Low Flow Oxygen Administration via Nasal Cannula](#)

[NICU SCN O.1 Use of Vented OGT with CPAP in the NICU/SCN](#)

[Neonatal Skin Care Guidelines](#)

Respiratory policies:

[5 5 LFNC](#)

[5 6 HFNC](#)

[9 3 Bubble CPAP](#)

[9 4 Nasal CPAP](#)