

## Important Condition #2: Premature Infant Care

All PCC EHR users have access to premature infant visit protocols based upon the National Institute for Children's Health Quality's *Toolkit for the Follow-up Care of the Premature Infant*. These tools aid caregivers with identifying potential developmental, cardiac, neurologic and sensory issues to which premature infants are prone. Early intervention has proven an effective means of improving outcomes in, among other areas, enhanced brain growth, improved mobility and avoidance of possible effects of hypoxia on the newborn's developing nervous system.

Sources cited by the toolkit include the peer-reviewed articles listed here:

<https://www.preemietoolkit.com/references.aspx?tabid=6>

The following premature infant protocol templates are included in PCC EHR:

- Premature Infant – Initial visit
- Premature Infant – 1 month visit
- Premature Infant – 2 month visit
- Premature Infant – 4 month visit
- Premature Infant – 6 month visit
- Premature Infant – 9 month visit
- Premature Infant – 12 month visit

During an initial visit for a premature infant, the template will prompt for gestational age at birth and hospital discharge information:

Visit:	Intake
Premature Infant: Initial Visit	Gestational Age at Birth
<b>Growth/Nutrition</b>	notes
Cardiovascular	Hospital Discharge Date
Respiratory	notes
Gastrointestinal	Corrected Age at Visit
Hematological	notes
Neurologic	Discharge Diagnoses
Developmental/Behavioral	notes
Risk for Severe RSV Dise...	
Medications	

With each premature infant protocol, the clinician will be prompted for growth and nutritional information:

**Visit:**  
Premature Infant: 12mo Visit

**Growth/Nutrition**

**Select All**

Feeding Issues  
notes

Breastfeeding, Expressed Breast Milk by Bottle, Formula, Gavage (Volume per feeding/Frequency)  
notes

Interval Growth Adequate  
notes

Caloric Supplements (Type, Amount, Cal/oz)  
notes

Vitamins  
notes

Relevant information can be entered for cardiovascular, respiratory, gastrointestinal, hematological, and neurologic areas.

The clinician will also be prompted to enter an age-appropriate developmental assessment. The following template example shows a portion of the developmental assessment for a 9 month old premature infant:

**Visit:**  
Premature Infant: 9mo Visit

Growth/Nutrition  
Cardiovascular  
Respiratory  
Gastrointestinal  
Hematological  
Neurologic  
**Developmental/Behavi...**  
Risk for Severe RSV Dise...  
Medications

**Developmental/Behavioral Assessment (use corrected age)**

**Developmental Assessment**

Make All: **Yes** **No** **N/A**

Yes No N/A

Adequate Motor Development  
notes

Searches for Dropped Objects  
notes

Sits without Support  
notes

Transfers Objects from Hand to Hand  
notes

PEDS/ASQ-3 Performed  
notes

Since newborns can be at higher risk for RSV, the premature infant protocols include a section to document this:

**Visit:**  
Premature Infant: Initial Visit

- Growth/Nutrition
- Cardiovascular
- Respiratory
- Gastrointestinal
- Hematological
- Neurologic
- Developmental/Behavioral
- Risk for Severe RSV Di...**
- Medications

**Risk Assessment for Severe RSV Disease**

**Select All**

- High Risk for Severe RSV Disease  
[notes field]
- RSV Qualification due to Prematurity  
[notes field]
- RSV Qualification due to CLD  
[notes field]
- RSV Qualification due to CHD  
[notes field]
- Other RSV Qualification  
[notes field]
- Screening Date  
[notes field]

Age-appropriate anticipatory guidance for premature infants is also included in the default protocols:

**Visit:**  
Premature Infant: 2mo Visit

- Growth/Nutrition
- Cardiovascular
- Respiratory
- Gastrointestinal
- Hematological
- Neurologic
- Developmental/Behavioral
- Risk for Severe RSV Disease
- Medications**

Yes No N/A

- Confirm CPR Training  
[notes field]
- Nutrition Counseling  
[notes field]
- Car Seat Safety  
[notes field]
- SIDS/Back-to-Sleep Counseling  
[notes field]
- GE Reflux Precautions  
[notes field]
- Injury Prevention (safe sleep environment)  
[notes field]
- Infection Prevention / Handwashing  
[notes field]
- Tobacco Smoke Exposure  
[notes field]

PCC EHR has the ability to store a discrete Care Plan for any patient, accessible anywhere within a patient's

record. Since there are known risks for premature infants, it would be useful to document a Care Plan for these patients, making this Care Plan visible within the visit protocol. The following screen shot shows an example Care Plan for a premature patient. General care coordination notes, care team members, and next steps are all documented within the Care Plan:

The screenshot displays the PCC EHR interface for a patient named Junie Jones. The main header shows the patient's name, age (6 days), and date of birth (5/05/14). The current visit is titled "Premature Infant: Initial Visit" and is dated 05/11/14. The care plan is active and includes sections for Goals, Actions, Next Steps, Care Coordination Notes, and Team Members. The left sidebar provides navigation options for various medical areas, with "Care Plan" selected. The bottom of the screen features navigation buttons for "Previous", "Next", "Bill", "Sign", "Close", "Save", and "Save + Exit".

**PCC EHR** **Premature Infant: Initial Visit** **Junie Jones 6 days 5/05/14 F**

**Care Plan (Chart-wide)**  Display:

05/11/14 Status: Active

**Goals**

- Detect/address retinopathy of prematurity (ROP)

**Actions**

- Special care of premature baby

**Next Steps**

Follow-up on Opth visit 5/12/14

**Care Coordination Notes (internal use)**

Gave Dad referral form w/contact info. Appt scheduled for next Mon at 10a.

**Team Members**

<b>Jason Jones (Custodian)</b> Home Phone: 555-1212 Cell Phone: 555-1234 Cell Phone: 999-1212 Note:	Address: 1 Main St Anytown, VT 00000
<b>Harold Jangle, M.D.</b> Phone: 000-000-0000 Note:	Organization: Eyecare Group of America Address: 1 Woodline Way Suite F Middlebury, MA 00000

Created by PCC PCC 05/11/14 1:48pm  Last reviewed Care Plan appears in the Visit History

**Protocols created by Medimmune in collaboration with the**