

NICU Disease Process Map

D.O.B. <u>02/10/25</u>	APGAR at birth: <u>4/6/7</u>
Gestational Age <u>39 6</u>	Adjusted Gestational Age <u>42</u>
Birthweight <u>7</u> lbs. <u>89</u> oz. / <u>3581</u> grams	
Current weight <u>7</u> lbs. <u>8</u> oz. / <u>3580</u> grams	

Disease Name: Mecconium Aspiration

What is happening in the body?
Baby has meconium BM in utero due to stress. This causes baby to breathe in the meconium, causing the meconium to coat the lungs causing infection.



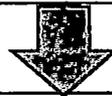
What am I going to see during my assessment?

Crackles in lungs
Possible respiratory distress
Nasal flaring
Meconium stained skin



What tests and labs will be ordered?

Chest XRay
CBE w/ diff
Blood cultures



What trends and findings are expected?

CXR will show patchy or streaky lungs indicating infection
Abnormal breath sounds
Possible cyanosis



What medications and nursing interventions/treatments will you anticipate?

Respiratory support measures



How will you know your patient is improving?

CXR will start to clear up
Lung sounds will start to sound more clear



What are risk factors for the diagnosis?

gestational age < 34
Stress on mom and baby at delivery



What are the long-term complications?

Can cause chronic lung disease
Asthma



What patient teaching for management and/or prevention can the nurse do?

Chest Physiotherapy can be useful to help clear up
Supplemental oxygen may be required along with a stay in
NICU for close monitoring.
Monitor baby's breathing patterns after discharge.