

## NICU Disease Process Map

D.O.B. <u>9/4/23</u>	APGAR at birth: <u>3</u>
Gestational Age <u>24 &amp; 4</u>	Adjusted Gestational Age <u>25 &amp; 6</u>
Birthweight <u>1</u> lbs. <u>7.3</u> oz./ <u>660</u> grams	
Current weight <u>1</u> lbs. <u>6.6</u> oz./ <u>640</u> grams	

### Disease Name: Bowel Perforation

#### What is happening in the body?

A whole in the intestine lead to waste and air being loose in the abdomen. The baby had a penrose drain to help drain out what had leaked from the intestine. The doctor also irrigated the drain with 20mls of normal saline to help drain the baby's abdomen.



#### What am I going to see during my assessment?

Dusky abdomen color, a penrose drain, drainage possibly serious fluid or waste products, abdominal distention, and decreased bowel sounds.



#### What tests and labs will be ordered?

Left Lateral Abdominal X-Ray to see the free air. Doing a left lateral and having the baby lay right (liver) side up helps to be able to see the air better. Diagnosed with the finding of pneumoperitoneum, air in the peritoneum (abdominal cavity).

CBC counts to watch for infection since the intestine is perforated and is leaking bacteria into the abdomen



#### What trends and findings are expected?

#### What medications and nursing interventions/treatments will you anticipate?

Antibiotics, frequent X-rays, and CBCs, turning to facilitate draining, skin care around drain site to prevent infection, strict I&Os, repleg tube at low intermittent suction.

