

NICU Disease Process Map

D.O.B. 01/19/25

APGAR at birth: 7

Gestational Age 35w 1d

Adjusted Gestational Age 40w 4d

Birthweight 5 lbs. 7.1 oz. / 2470 grams

Current weight 7 lbs. 14.6 oz. / 3590 grams

Disease Name: Gastroschisis

What is happening in the body?

bowels/intestines are herniated out side of the body
with no sac coating them

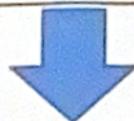


What am I going to see during my assessment?

- red intestines on the outside of the body
- low body temp (possibly)

(in wound)

On an ultrasound - loops of intestines floating freely in amniotic fluid



What tests and labs will be ordered?

Before Birth:

alpha fetoprotein levels high

ultrasound

Fetal echocardiogram



What trends and findings are expected?

- thermoregulation issues
- possibility of infection



What medications and nursing interventions/treatments will you anticipate?

- Slow & gradual placement back into body & sutures to close up (prostatic sio)
- abx
- pain meds



How will you know your patient is improving?

- Bowel sounds
- return of bowel function
- lower extremity pulses



What are risk factors for the diagnosis?

- ~~infection~~
- 1. low age of mother
- smoking during pregnancy
- alcohol consumption during pregnancy



What are the long-term complications?

- infection
- feeding intolerances
- vena cava compression



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

- Post op / home care:
 - pain management
 - abx
 - hand hygiene before touching wound
 - monitor bowel habits (listen to bowel sounds)