

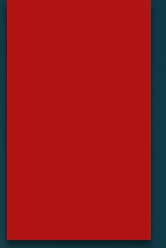
Assessment and investigation of patient with upper GI bleed

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Always - ABCDE!



- ▶ Special attention to hemodynamic stability
- ▶ Is the patient stable or not?

Airway

- ▶ Can they speak?
- ▶ Do you hear abnormal sounds? eg. Gurgling
- ▶ If blood or vomitus present , suction or wipe
- ▶ If unconscious, do chin lift head tilt and follow the CPR protocols
- ▶ Consider putting in recovery position

Breathing

- ▶ Is breathing fast? $RR > 20$
- ▶ Are there abnormal breath sounds?
- ▶ Check oxygen saturation. Hypoxic if $< 92\%$ If hypoxic give oxygen
- ▶ If unconscious with very slow breathing, start BMV and follow the CPR protocol

- ▶ Paediatric patients $RR > 40$ (1-5yrs) $RR > 50$ (2-12mths) $RR > 60$ (neonate)

Circulation

- ▶ Diaphoresis
- ▶ Cool moist extremities
- ▶ Capillary refill >3s
- ▶ Tachycardia HR>100
- ▶ Hypotension SBP<90 DBP <60
- ▶ Remember Orthostatic hypotension drop in BP of 10-12 or increase in HR of 10-12
- ▶ Reduced urine output <5ml/kg/hr
- ▶ Paediatric patients >160(neonate) >150(1-3yr) >140(4-5yr)

Disability

- ▶ GCS or AVPU
- ▶ Place in recovery position
- ▶ Check blood glucose levels

Exposure

- ▶ Check for massive bleed by doing a rectal exam
- ▶ Cover to prevent hypothermia
- ▶ Note temperature

History

- ▶ S – symptoms
- ▶ A- allergies
- ▶ M- medications
- ▶ P –past medical history
- ▶ L- last meal
- ▶ E – events leading to presentation

History - Symptoms

- ▶ Hematemesis (bright red ,coffee ground vomitus)
- ▶ Hematochezia (bright red blood per rectum)
- ▶ Melaena (dark tarry stool)
- ▶ Syncope
- ▶ Weight loss
- ▶ Change in bowel habits

Medications

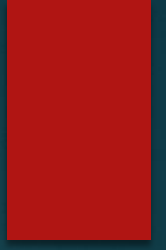
- ▶ NSAIDS
- ▶ Anti-coagulants

Past medical history

- ▶ PUD
- ▶ Malignancy
- ▶ Diverticulosis
- ▶ Bleeding disorders

Investigations

- ▶ CBC ; Hb<7, platelets<50000
- ▶ Coagulation screen ;PTT ,INR
- ▶ RFT ; decreased GFR, increased BUN
- ▶ LFT; increased ALT,AST ,decreased albumin
- ▶ ECG ; myocardial ischaemia
- ▶ Ultrasound ; collapsed IVC, hyperdynamic left ventricle
- ▶ Endoscopy ; indicated in on-going bleeding, hemodynamic instability or severe anaemia



Thank you for
listening