hypertensive Disorders

Gestational HTN

• New HTN that develops after 20 weeks of gestation, and
  accompanied by:
  • Edema
  • Proteinuria
  • Eclampsia

PRE-ECLAMPSIA

• Hypertension (BP > 140/90 mm Hg)
  • Proteinuria (urinalysis)
  • Seizures

HELLP

• Hemolysis
• Elevated liver enzymes
• Low platelet count

Acronyms

TOLAC – Trial of Labor After Cesarean
PREP – Preeclampsia-Eclampsia Risk
SEPT – Stress Echocardiography
PREP – Preeclampsia-Eclampsia Risk
TPT – Tissue Plasminogen Activator
BVM – Bag Valve Mask
PPV – Positive Pressure ventilation
RCP – Regional Cerebral Perfusion
GTT – Glucose Tolerance Test
CPR – Cardiopulmonary Resuscitation
NPO – Nothing By Mouth
R/T – Routine/Teaching
IVF – In Vitro Fertilization
LOE C – Level of Evidence C
LOE A – Level of Evidence A
LOE B – Level of Evidence B
LOE C – Level of Evidence C
LOE D – Level of Evidence D

Disclaimer: This is intended to be educational in nature and is not a substitute for clinical judgment. It is not intended to serve as a complete summary of the contents of the document. The reader is strongly encouraged to consult the original source for additional information.
Epidural

**Neuraxial Anesthesia**

**Epidural**
- **Epidural**
- **Combined Epidural**
- **Dural-**
- **Epidural”***

**CAUTION W/ BOLUSING epidural except 3 mL test dose**

**Advantage over CSE**
- **Lac repair**
- **Clonidine***

- **AKA Nitronox**: 50/50 N
- **Breathing techniques; ambulation; O** possibly teratogenic; do **NOT** use during 1

**PCEA 5 bupiv**: early recognition of epidural failure
- **Stage 2**
- **S2**

**Stage 3**
- **S3**

**Stage 4**
- **S4**

**Stage 5**
- **S5**

**Non-Dose Injury in Parturients**
- **Preeclampsia hypertension in 2nd trimester (poorganism)**, risk of premat laboratory abnormalities, chronic hypertension, diabetes mellitus
- **EDTA 2014**: pregnant patient in 2nd trimester **w/ GA**: it is not likely to be anesthetic.
- **Pituitary gland**: consider continuous and a reducing incidence of 2%

**C-Section**
- **Neuraxial Anesthesia**

**Goal**:¢ 14 haggered interval of descent
- **Prophylactic bolus 55-60 mL of saline in 3-4 minutes for parenteral morphine**

- **12-18 h**
- **50 mL/h (0.125% Hyperbariac)**
- **150 mL/h (0.125% Hyperbariac)**
- **250 mL/h (0.125% Hyperbariac)**

**Down**
- **300-500 mL**: side effects
- **375 mL**: 1 in 500 results in backache
- **20 mL**: 3-4% (Bank 4 mL, 2 mL/hr)
- **3 mL/hr**: (Bank 1-5 mL, 1-4 mL/hr)

**Hypotension or Fetal Distress**
- **Consider ~ 10 mL 0.125%**

**Adjuncts**
- **Initiation**
- **PCEA**
- **Fentanyl 5 mcg fentanyl 10 mL q 30 min;**

**Stop**
- **Hypotension or Fetal Distress**
- **Consider ~ 10 mL 0.125%**

**PCEA**
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