

# POSTPARTUM HEMORRHAGE

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# DEFINITION

- Cumulative blood loss  $>1000$  cc
- Bleeding associated with signs or symptoms of hypovolemic within 24 hours of birth

# CLASSES OF SHOCK

	I	II	III	IV
Blood Loss	Up to 750	750-1500	1500-2000	>2000
Pulse	<100	100-120	120-140	>140
Blood pressure	Normal	Normal	Decreased	Decreased
Pulse pressure	Normal	Decreased	Decreased	Decreased
Respiratory rate	Normal	20-30	30-40	>40
Urine output mL/hour	>30	20-30	30-40	>40
CNS/mental status	Slightly anxious	Mildly anxious	Anxious, confused	Confused, lethargic

# LABS

- CBC with platelets
- PT/PTT
- Fibrinogen (<350:<250)
- ABG (BD >-5)
- Lactate (>4.0)
- Electrolytes
- Convert T&S to T&C
- Type and Crossmatch

# WHEN TO TRANSFUSE?

- Class II shock and ongoing blood loss
- Class II shock and controlled: watch
- Class III shock and ongoing blood loss
- Class III shock and bleeding controlled
- Class IV: always

# KEYS TO CONTINUED INTRA-ABDOMINAL BLEEDING

- PT/PTT
- Platelets
- Rising creatinine
- Low urine output
- Abnormal vital signs
- BD increasing

# HOW TO TRANSFUSE

- 1:1:1

- 4:4:1

# MUST FOLLOW ELECTROLYTES

- Potassium
- Calcium
- Magnesium
- Phosphorus