

PREECLAMPSIA EARLY RECOGNITION TOOL (PERT)

Preeclampsia Early Recognition Tool (PERT)

ASSESS	NORMAL (GREEN)	WORRISOME (YELLOW)	SEVERE (RED)
Awareness	Alert/oriented	 Agitated/confused Drowsy Difficulty speaking 	•Unresponsive
Headache	None	Mild headache Nausea, vomiting	Unrelieved headache
Vision	None	•Blurred or impaired	•Temporary blindness
Systolic BP (mm HG)	100-139	140-159	≥160
Diastolic BP (mm HG)	50-89	90-105	≥105
HR	61-110	111-129	≥130
Respiration	11-24	25-30	<10 or >30
SOB	Absent	Present	Present
O2 Sat (%)	≥95	91-94	≤90
Pain: Abdomen or Chest	None	•Nausea, vomiting •Chest pain •Abdominal pain	•Nausea, vomiting •Chest pain •Abdominal pain
Fetal Signs	•Category I •Reactive NST	•Category II •IUGR •Non-reactive NST	•Category III
Urine Output	≥50	30-49	≤30 (in 2 hrs)
Proteinuria Level of proteinuria is not an accurate oredictor of pregnancy putcome)	Trace	•≥ +1** •≥300mg/24 hours	
Platelets	>100	50-100	<50
AST/ALT	<70	>70	>70
Creatinine	<u><0.8</u>	0.9-1.1	<u>></u> 1.2
Magnesium Sulfate Toxicity	•DTR +1 •Respiration 16-20	Depression of patellar reflexes	 Respiration <12

	YELLOW = WORRISOME	Trigger: 1 of any type listed below	RED = SEVERE TO DO
	# To DO 1 •Notify provider ≥2 •Notify charge RN •In-person evaluation •Order labs/tests •Anesthesia consult •Consider magnesium sulfate •Supplemental oxygen	1 of any type Awareness Headache	Immediate evaluation Transfer to higher acuity level 1:1 staff ratio Consider Neurology consult CT Scan
		Visual BP	R/O SAH/intracranial hemorrhage Labetalol/hydralazine in 30 min In-person evaluation Magnesium sulfate loading or maintenance infusion
GREEN = NORMAL Proceed with protocol	**Physician should be made aware of worsening or new-onset proteinuria	Chest Pain Respiration SOB O2 SAT	Consider CT angiogram O2 at 10 L per rebreather mask R/O pulmonary edema Chest x-ray

11.8.13.v1

Adapted from the Modified Obstetric Early Warning System (MEOWS) in "Saving Mothers Lives: Reviewing maternal deaths to make motherhood safer (2003-2005). The Seventh Report of the Confidential Enquiries into Maternal Deaths in the United Kingdom 2007