MEDICATION SHEET

SCOPE: CCT, MatCh	
MEDICATION:	**PHENOBARBITAL**
INTERVENTION:	Classification: Anticonvulsant, Barbiturate Actions: Long-acting barbiturate with sedative, hypnotic, and anticonvulsant properties. Depresses the sensory cortex, decreases motor activity, alters cerebellar function, and produces drowsiness, sedation, and hypnosis. In high doses, barbiturates exhibit anticonvulsant activity; barbiturates produce dose-dependent respiratory depression Contraindications: • Hypersensitivity • Marked hepatic impairment • Dyspnea or airway obstruction • Porphyria (manifest and latent) • Intra-arterial/subcutaneous administration • Patients with a history of sedative/hypnotic addiction Precautions: • Renal or hepatic impairment • Respiratory depression • Severe anemia • Cardiac disease • Hemodynamically unstable • Diabetes • Hyperthyroidism • Hypoadrenalism • Febrile patients • May cause paradoxical responses, including agitation and hyperactivity, particularly in patients with acute or chronic pain and pediatric patients • **PREGNANCY RISK FACTOR: D** Dosage: I. Seizures: a. Pediatric (less than one year old): i. (IV/IO) 20mg/kg b. Neonate: i. (IV/IO) 20mg/kg, repeat 10mg/kg x2 (max 40mg/kg) Onset of Action: 5 minutes Duration: >6 hours Adverse Effects: Bradycardia, hypotension, syncope, thrombophlebitis, agitation, anxiety, ataxia, central nervous system stimulation or depression, confusion, dizziness, drowsiness, hallucination, hangover effect, headache, impaired judgement, insomnia, lethargy, nervousness, nightmares, nausea, vomiting, hyperkinesia, laryngospasm, apnea (especially with rapid IV use), hypoventilation, respiratory depression

	Special Considerations: I. N/A