Medication Formulary

*Class IV scheduled / controlled substance*

**Generic Name:** Phenobarbital

**Brand Name:** Luminal

**Class:** Barbiturate

**Actions:** Interferes with gamma-aminobutyric acid receptors, blocking nerve impulse transmission in CNS, which reduces motor activity and raises seizure threshold.

**Onset:** 5-30 minutes

**Duration:** 10-16 hours

**Indications:** Sedation and seizure control

**Contraindications:** Hypersensitivity, porphyria, nephritis, and severe respiratory disease or obstruction.

**Side Effects:** Respiratory depression, over sedation, pain at injection site, nausea/vomiting, headache, joint pain, myalgia, bradycardia, hypotension.

**Interactions:** Potentiated by other CNS depressants.

**Administration Routes:** IV, IM