



**MONTANA STATE HOSPITAL
POLICY AND PROCEDURE**

**STANDING ORDER:
DRUG GUIDELINES FOR LAB**

Effective Date: May 13, 2014

Policy #: PS-05

Page 1 of 1

- I. PURPOSE:** To ensure standardization for testing patients who are taking anticonvulsant, antipsychotic, or other specific drugs which require laboratory work.
- II. POLICY:** Patients taking certain anticonvulsant, antipsychotic, or other specific drugs should have the levels and/or labs monitored at routine intervals.
- III. DEFINITIONS:** None
- IV. RESPONSIBILITIES:**
 - A. Licensed Independent Practitioners (LIP) are responsible for following these guidelines. If the LIP believes the patient is stable, these laboratory tests may be checked less frequently. Minimum requirements are yearly.
- V. PROCEDURE:**
 - A. See Attachment A.
- VI. REFERENCES:** None
- VII. COLLABORATED WITH:** Medical Staff
- VIII. RESCISSIONS:** #PS-05, Standing Order: Drug Guidelines for Lab dated July 1, 2009; #PS-05 *Standing Order: Drug Guidelines for Lab* dated August 22, 2006; #PS-05 *Standing Order: Drug Guidelines for Lab* dated June 5, 2003; #PS-05, *Standing Order: Drug Guidelines for Lab* dated February 14, 2000; H.O.P.P. #PS-03-97-N *Standing Order: Drug Guidelines for Lab*, July 21, 1997.
- IX. DISTRIBUTION:** All hospital policy manuals.
- X. REVIEW AND REISSUE DATE:** May 2017
- XI. FOLLOW-UP RESPONSIBILITY:** Medical Director
- XII. ATTACHMENTS:** Attachment A – [Standing Order: Drug Guidelines for Lab](#)

_____/____/____
John W. Glueckert Date
Hospital Administrator

_____/____/____
Thomas Gray, MD Date
Medical Director

Drug	Predose Baseline	Initial Drug Level or Interacting Drug	Short Term	Long Term
Anticonvulsants				
Carbamazepine (Tegretol)	CBC, chem. profile	5 – 14 days - CBC, LFT, level	Every 6 months: CBC, LFT, drug level	
Phenobarbital	CBC, chem. profile			
Phenytoin (Dilantin)	CBC, chem. profile	5 – 14 days - CBC, CMP, level		
Valproic Acid (Depakene, Depakote)	CBC, chem. profile	5 – 14 days - CBC, CMP, level	Every 6 months: CBC, LFT, drug level	
Other Psychotropics				
Clozapine (Clozaril)	CBC, chem. profile, ECG	May measure drug levels if patient not responding to tx or if dosage is excessively high.	CBC weekly for 6 months, then every 2 weeks, monthly after 1 year	
Lithium	CBC, chem. profile, TSH	~5 days – Lithium level	Every 6 months: drug level, lytes, serum creatinine	TSH yearly
<u>Miscellaneous Drugs</u>				
Cholesterol lowering drugs (HMG-COA reductase inhibitors)	LFT		repeat LFT in 12 weeks	LFT every 6 months lipid profile yearly
Digoxin (Lanoxin)	ECG	as indicated		
Isoniazid (INH)	LFT		LFT every month	
Synthroid	TSH		TSH in 6 weeks	TSH yearly
Theophylline (Theodur)		as indicated		
Warfarin (Coumadin)	Baseline PT/INR	PT/INR as indicated	PT/INR as indicated or monthly	