For the safety and health of all residents of the SYSC, the SYSC psychiatrist and medical physician shall monitor the use of certain medications.

**Purpose**

The purpose of this policy is to establish the SYSC lab protocols for select medications.

**Procedure**

1. All new admissions on the following medications will have the following lab work completed on day five (Note all females are to have a pregnancy test on admission): Note: parent/guardian authorization is required before lab work is obtained.

   A. Lithium:
      1. Day 5 Lithium Level, CBC with Diff and PLT, Basic Metabolic, TSH.
      2. Then repeat the following every 3 months: lithium level, Basic metabolic, TSH, and CBC with Diff and PLT.

   B. Valproate (Depakote):
      1. Day 5 – Valproate level, CBC with Diff with PLT Comprehensive Metabolic.
      2. Then repeat the following every three months: Depakote level, CBC with Diff and PLT, LFT's.

   C. Carbamazepine (Tegretol):
      1. Day 5 Carbamazepine Level, CBC with Diff with PLT, LFT’s.
      2. Then repeat the following every 3 months: Carbamazepine Level, CBC with Diff with PLT, LFT’s.

   D. Synthroid:
      1. Day 5 comprehensive metabolic, CBC with Diff and PLT.
      2. Then as ordered by the physician.
E. Seroquel, Risperdal, Zyprexa, Abilify, Geodon: Fasting Blood Sugar, and Lipid Panel on Admission and/or on initiation of medication.
   1. Repeat every three months.

F. A.I.M.S. testing for all residents on antipsychotic medication and repeat every 6 months.

II. Baseline and follow up lab work for newly ordered Medications (as listed):

A. Lithium:
   1. Before Starting: Pregnancy Test, TSH, Basic Metabolic and EKG.
   2. After 2 weeks: Lithium Level, CBC with diff with PLT.
   3. Every three months: Lithium Level, Basic Metabolic, TSH and CBC with DIFF with PLT’s.

B. Valproate (Depakote):
   2. After two weeks and every three months: CBC with Diff with PLT, LFT’s and Valproate (Depakote) Level.

C. Carbamazepine (Tegretol):
   2. After two weeks and every three months: Carbamazepine (Tegretol) Level, CBC with Diff with PLT, LFT’s.

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Health Authority Signature                      Date

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Psychiatrist Signature              Date

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Medical Physician Signature    Date