**Lumbar Drain Monitoring Orders**

Pharmacy Mnemonic: LUMDRAIN

### Nursing Orders:

1. Always obtain CSF Pressure reading with patient lying down and HOB flat
2. Document Neuro checks and lower extremity strength and movement Q1H while drain is in place
3. Document CSF output Q1H noting color and consistency
4. Keep dressing clean, dry, and intact. Reinforce if it becomes soiled or wet.
5. Maintain SBP 120-160mmHg, MAP greater than or equal to 80mmHg
6. Document position of lumbar catheter Q12H and PRN.

### Pharmacy Orders:

1. Discontinue all anticoagulant orders (except Heparin for flush line).
2. No anticoagulants while drain is in place and 24 hours after removal (Nurse to notify pharmacy when the drain is removed)

### Call Physician if:

1. Symptoms of meningitis: cloudy CSF, redness/swelling/drainage at insertion site, headache, stiff neck, photophobia.
2. If CSF becomes bloody, cloudy or discolored.
3. Symptoms of brain herniation: decreased LOC, irritability, weakness, paresis, posturing changes in pupil reaction.
4. Symptoms of nerve root irritation: numbness/tingling, changes in deep tendon reflexes, and pain radiating to legs.
5. Drainage or redness at insertion site.
6. Call for Dopamine order to maintain SBP 120-160mmHg

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**Date & Time**

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**ST. DOMINIC-JACKSON MEMORIAL HOSPITAL**
**JACKSON, MISSISSIPPI**

**DOCTOR'S ORDERS**

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