# Coffee Regional MEDICAL CENTER

## PROLIA® (DENOSUMAB) INJECTION PROTOCOL



### PREPARATION

1. Schedule patient for Prolia® injection with the Outpatient Therapy Department

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- 2. Lab work BMP prior to scheduling injection and fax results along with patient weight to OP Therapy.
- 3. Verify last date patient received Prolia® is  $\geq 6$  months Date: \_\_\_\_\_
- 4. Pharmacist to calculate patient's corrected calcium level.
- 5. Verify that patient's serum calcium level is normal. Contact physician if abnormal hypocalcemia must be corrected prior to initiation of Prolia® therapy.
- 6. Instruct patient to be well hydrated prior to procedure which includes drinking at least 2 glasses of fluid such as water within a few hours prior to injection.
- 7. Perform visual inspection of oral cavity at baseline and follow–up visits to evaluate signs of osteonecrosis of the jaw. Encourage patient to see their dentist prior to treatment and avoid extractions while receiving treatment.

#### **ADMINISTRATION**

- 1. Prolia® Dose: 60mg subcutaneously every 6 months.
- 2. Administer Prolia® injection subcutaneously in the upper arm, upper thigh, or the abdomen.

#### **POST-INJECTION INSTRUCTIONS**

- 1. Patient to be educated on taking adequate daily oral calcium supplementation (1200mg calcium per day with 400–800 units Vitamin D per day).
- 2. Patient to be educated regarding the importance of good dental hygiene, routine dental exams and symptom reporting (numbness, heavy jaw, pain, soft tissue swelling, loosening of teeth, drainage, exposed bone).
- 3. Administration of acetaminophen or ibuprofen following Prolia® administration may reduce the incidence of related side effects (flu–like symptoms, headache, muscle and/or bone pain)
- 4. Withhold future doses of Prolia® if the patient reports severe bone, joint or muscle pain.
- 5. Discharge patient 1 hour after completion of injection if no distress noted.