

Teriparatide (Forteo)
JCODE: J3490
SELF ADMINISTRATION

FDA Approved Indications:

Treatment of osteoporosis in postmenopausal women who are at high risk for fracture.

To increase the bone mass in men with primary or hypogonadal osteoporosis who are at high risk for fracture.

Indications for Prior Authorization

Treatment failure* to a bisphosphonate in patients with either a history of vertebral fracture, a low or atraumatic non-vertebral fracture, or a BMD t-score worse than -2.5 SD (Baseline DEXA is required for all approvals).

**Treatment failure is defined as a statistically/clinically significant (e.g. 4 – 5%) decrease in absolute bone density or occurrences of osteoporotic fractures despite therapy (documentation required)*

OR

Initial BMC score worse than -4.0 SD

OR

Intended use for the treatment of osteoporosis when the patient is intolerant or has a contraindication to all of the alternative therapies: bisphosphonate (patient must be intolerant of once weekly Actonel or Fosamax AND Boniva oral therapy), a selective estrogen-receptor modulator (SERM), and Miacalcin Nasal Spray.

Coverage is NOT authorized For:

Combination therapy with a bisphosphonate, Evista, or calcitonin

Treatment of Hypoparathyroidism

Non-FDA approved indications unless there is sufficient documentation of efficacy and safety in the published literature.

Dosing

Twenty micrograms (20 mcg) given subcutaneously in the abdomen or thigh once a day. This medication should be given with calcium 1,000 mg per day and Vitamin D 400-1200 IU per day.

The initial dose should be given under circumstances where the patient can sit or lie down if orthostatic hypotension occurs.

If patient develops hypocalcaemia, discontinue the calcium supplementation and/or reduce Forteo dose by half.

Monitoring

Calcium levels should be monitored before the injection and at 4 and 6 hours after the initial injection. Repeat lab every 3 months for 24 months.

Approval Period

One year to assess patient's response. Approve treatment for a maximum of 2 years.