

SPECIALTY GUIDELINE MANAGEMENT

ZOMETA (zoledronic acid) zoledronic acid

POLICY

I. INDICATIONS

The indications below including FDA-approved indications and compendial uses are considered a covered benefit provided that all the approval criteria are met and the member has no exclusions to the prescribed therapy.

A. FDA-Approved Indications

1. Treatment of hypercalcemia of malignancy defined as an albumin-corrected calcium (cCa) of greater than or equal to 12mg/dL [3.0 mmol/L] using the formula: $cCa \text{ in mg/dL} = Ca \text{ in mg/dL} + 0.8 (4.0 \text{ g/dL} - \text{patient albumin [g/dL]})$
2. Treatment of patients with multiple myeloma and patients with documented bone metastases from solid tumors, in conjunction with standard antineoplastic therapy
 - a. Prostate cancer should have progressed after treatment with at least one hormonal therapy

Limitation of Use: The safety and efficacy of Zometa in the treatment of hypercalcemia associated with hyperparathyroidism or with other nontumor-related conditions have not been established.

B. Compendial Uses

1. Treatment or prevention of osteoporosis secondary to androgen-deprivation therapy (ADT) in prostate cancer patients at high risk for fracture
2. Treatment or prevention of osteoporosis secondary to adjuvant endocrine therapy in breast cancer patients

All other indications are considered experimental/investigational and are not a covered benefit.

II. CRITERIA FOR INITIAL APPROVAL

A. **Hypercalcemia of Malignancy**

Authorization of 1 month may be granted for members who are prescribed zoledronic acid or Zometa for hypercalcemia of malignancy.

B. **Multiple Myeloma**

Authorization of 24 months may be granted for members who are prescribed zoledronic acid or Zometa for multiple myeloma.

C. **Bone Metastases from a Solid Tumor**

Authorization of 24 months may be granted for members who are prescribed zoledronic acid or Zometa for bone metastases from a solid tumor.

D. **Prostate Cancer**

Authorization of 24 months may be granted for members with prostate cancer who are prescribed zoledronic acid or Zometa for the treatment or prevention of osteoporosis secondary to androgen deprivation therapy (ADT).

E. Breast Cancer

Authorization of 24 months may be granted for members who are prescribed zoledronic acid or Zometa for the treatment or prevention of osteoporosis secondary to adjuvant endocrine therapy.

III. CONTINUATION OF THERAPY

All members (including new members) requesting authorization for continuation of therapy must meet all initial authorization criteria.

IV. REFERENCES

1. Zometa [package insert]. East Hanover, NJ: Novartis Pharmaceuticals Corporation; December 2016.
2. Micromedex Solutions [database online]. Ann Arbor, MI: Truven Health Analytics Inc. Updated periodically. www.micromedexsolutions.com [available with subscription]. Accessed October 18, 2017.
3. American Society of Health System Pharmacists. AHFS Drug Information (electronic version). Bethesda, MD. Available at: <http://online.lexi.com>. Accessed October 18, 2017.
4. The NCCN Drugs & Biologics Compendium™ © 2015 National Comprehensive Cancer Network, Inc. <http://www.nccn.org>. Accessed October 18, 2017.
5. Gralow JR, Biermann S, Farooki A, et al. NCCN Task Force Report: Bone Health in Cancer Care. *JNCCN*. 2013; 11(Suppl 3):S1-50.
6. World Health Organization Collaborating Centre for Metabolic Bone Diseases, University of Sheffield. FRAX WHO fracture risk assessment tool. Available at <http://www.shf.ac.uk/FRAX/tool.jsp>. Accessed October 18, 2017.