

## PHARMACY / MEDICAL POLICY – 5.01.658

### Denosumab Products


Effective Date: **Aug. 7, 2026\***  
Last Revised: Apr. 14, 2026  
Replaces: N/A

RELATED MEDICAL POLICIES:  
5.01.596 Pharmacologic Treatment of Osteoporosis

\*Click here to view the current policy.

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[POLICY CRITERIA](#) | [DOCUMENTATION REQUIREMENTS](#) | [CODING](#)  
[RELATED INFORMATION](#) | [EVIDENCE REVIEW](#) | [REFERENCES](#) | [HISTORY](#)

 Clicking this icon returns you to the hyperlinks menu above.

### Introduction

Bone is living tissue, and the body constantly renews this living system by naturally breaking down and replacing bone. This is known as bone remodeling or bone turnover. As people age, however, bone remodeling changes. More old bone is lost than new bone is created. This can result in reduced bone mass. Osteoporosis, which means “porous bone,” is a condition caused by the body’s loss of too much bone. Osteoporosis leads to bones that are fragile. Thin, fragile bones are at high risk of fracture. Denosumab products are a RANK ligand inhibitor. This policy describes when denosumab drugs may be considered medically necessary.

**Note:** The Introduction section is for your general knowledge and is not to be taken as policy coverage criteria. The rest of the policy uses specific words and concepts familiar to medical professionals. It is intended for providers. A provider can be a person, such as a doctor, nurse, psychologist, or dentist. A provider also can be a place where medical care is given, like a hospital, clinic, or lab. This policy informs them about when a service may be covered.

### Policy Coverage Criteria

Drug	Medical Necessity
<p><b>First-Line:</b></p> <ul style="list-style-type: none"> <li>• <b>Bildyos (denosumab-nxxp) SC</b></li> <li>• <b>Enoby (denosumab-qbde) SC</b></li> </ul>	<p><b>Bildyos (denosumab-nxxp) and Enoby (denosumab-qbde) may be considered medically necessary when the following criteria are met:</b></p> <ul style="list-style-type: none"> <li>• Treatment of one of the following: <ul style="list-style-type: none"> <li>○ Osteoporosis when the individual has tried and had an inadequate response or intolerance to 2 generic bisphosphonates (either 2 oral medications or 1 oral medication and 1 IV medication) unless use of bisphosphonate medications are contraindicated*</li> </ul> </li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ To increase bone mass in men at high risk for fracture receiving androgen deprivation therapy (e.g., degarelix, goserelin, histrelin, leuprolide, triptorelin) for nonmetastatic prostate cancer</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ To increase bone mass in women at high risk for fracture receiving adjuvant aromatase inhibitor therapy (e.g., anastrozole, exemestane, letrozole) for breast cancer</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• The dose is limited to 60 mg every 6 months</li> </ul> <p><b>Note:</b> Generic bisphosphonates include alendronate (oral), ibandronate (oral), risedronate (oral) and zoledronic acid (IV)</p> <p><b>Note:</b> *In addition to contraindications in the prescribing information, oral bisphosphonates are considered contraindicated in individuals with esophageal disorders (e.g., achalasia, esophageal stricture, Barrett's esophagus, esophageal varices). Individuals with contraindications to oral bisphosphonates are only required to try and fail IV zoledronic acid.</p>
<p><b>Second-Line:</b></p> <ul style="list-style-type: none"> <li>• <b>Boncrea (denosumab-mobz)</b></li> <li>• <b>Bosaya (denosumab-kyqq) SC</b></li> <li>• <b>Conexence (denosumab-bnht) SC</b></li> <li>• <b>Jubbonti (denosumab-bbdz) SC</b></li> </ul>	<p><b>Boncrea (denosumab-mobz), Bosaya (denosumab-kyqq), Conexence (denosumab-bnht), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) may be considered medically necessary when the following criteria are met:</b></p> <ul style="list-style-type: none"> <li>• Treatment of one of the following: <ul style="list-style-type: none"> <li>○ Osteoporosis when the individual has tried and had an inadequate response or intolerance to 2 generic</li> </ul> </li> </ul>



Drug	Medical Necessity
<ul style="list-style-type: none"> <li>• <b>Ospomyv (denosumab-dssb) SC</b></li> <li>• <b>Osvyrti (denosumab-desu)</b></li> <li>• <b>Prolia (denosumab) SC</b></li> <li>• <b>Stoboclo (denosumab-bmwo) SC</b></li> </ul>	<p>bisphosphonates (either 2 oral medications or 1 oral medication and 1 IV medication) unless use of bisphosphonate medications are contraindicated*</p> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ To increase bone mass in men at high risk for fracture receiving androgen deprivation therapy (e.g., degarelix, goserelin, histrelin, leuprolide, triptorelin) for nonmetastatic prostate cancer</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ To increase bone mass in women at high risk for fracture receiving adjuvant aromatase inhibitor therapy (e.g., anastrozole, exemestane, letrozole) for breast cancer</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• The individual has tried and had an inadequate response or intolerance to Bıldıyos (denosumab-nxxp) AND Enoby (denosumab-qbde)</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• The dose is limited to 60 mg every 6 months</li> </ul> <p><b>Note:</b> Generic bisphosphonates include alendronate (oral), ibandronate (oral), risedronate (oral) and zoledronic acid (IV)</p> <p><b>Note:</b> *In addition to contraindications in the prescribing information, oral bisphosphonates are considered contraindicated in individuals with esophageal disorders (e.g., achalasia, esophageal stricture, Barrett's esophagus, esophageal varices). Individuals with contraindications to oral bisphosphonates are only required to try and fail IV zoledronic acid.</p>
<p><b>First-Line:</b></p> <ul style="list-style-type: none"> <li>• <b>Bilprevda (denosumab-nxxp) SC</b></li> <li>• <b>Xtrenbo (denosumab-qbde) SC</b></li> </ul>	<p><b>Bilprevda (denosumab-nxxp) and Xtrenbo (denosumab-qbde) may be considered medically necessary for the prevention of skeletal-related events when:</b></p> <ul style="list-style-type: none"> <li>• Used for one of the following: <ul style="list-style-type: none"> <li>○ For the prevention of skeletal-related events in individuals with multiple myeloma</li> </ul> </li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ For the prevention of skeletal-related events in individuals with bone metastases from solid tumors <ul style="list-style-type: none"> <li>▪ For treatment of breast cancer, the individual has an expected survival of 3 months or greater</li> </ul> </li> </ul>



Drug	Medical Necessity
	<ul style="list-style-type: none"> <li>▪ For the treatment of prostate cancer, the individual has castration recurrent disease</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• There is a documented inadequate response or intolerance to intravenous 4 mg zoledronic acid</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• The dose is limited to 120 mg every 4 weeks</li> </ul> <p><b>Bilprevda (denosumab-nxxp) and Xtrenbo (denosumab-qbde) may be considered medically necessary for the treatment of hypercalcemia of malignancy when:</b></p> <ul style="list-style-type: none"> <li>• There is a documented inadequate response or intolerance to intravenous 4 mg zoledronic acid</li> </ul> <p><b>Bilprevda (denosumab-nxxp) and Xtrenbo (denosumab-qbde) may be considered medically necessary for the treatment of individuals with giant cell tumor of the bone.</b></p>
<p><b>Second-Line:</b></p> <ul style="list-style-type: none"> <li>• Aukelso (denosumab-kyqq) SC</li> <li>• Bomynta (denosumab-bnht) SC</li> <li>• Jubereq (denosumab-desu)</li> <li>• Osenvelt (denosumab-bmwo) SC</li> <li>• Oziltus (denosumab-mobz)</li> <li>• Wyost (denosumab-bbdz) SC</li> <li>• Xbryk (denosumab-dssb) SC</li> <li>• Xgeva (denosumab) SC</li> </ul>	<p><b>Aukelso (denosumab-kyqq), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), and Xgeva (denosumab) may be considered medically necessary for the prevention of skeletal-related events when:</b></p> <ul style="list-style-type: none"> <li>• Used for one of the following: <ul style="list-style-type: none"> <li>○ For the prevention of skeletal-related events in individuals with multiple myeloma</li> </ul> </li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>○ For the prevention of skeletal-related events in individuals with bone metastases from solid tumors <ul style="list-style-type: none"> <li>▪ For treatment of breast cancer, the individual has an expected survival of 3 months or greater</li> <li>▪ For the treatment of prostate cancer, the individual has castration recurrent disease</li> </ul> </li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>• There is a documented inadequate response or intolerance to intravenous 4 mg zoledronic acid</li> </ul> <p><b>AND</b></p>



Drug	Medical Necessity
	<ul style="list-style-type: none"> <li>The individual has tried and had an inadequate response or intolerance to Bilprevda (denosumab-nxxp) AND Xtrenbo (denosumab-qbde)</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>The dose is limited to 120 mg every 4 weeks</li> </ul> <p><b>Aukelso (denosumab-kyqq), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), and Xgeva (denosumab) may be considered medically necessary for the treatment of hypercalcemia of malignancy when:</b></p> <ul style="list-style-type: none"> <li>There is a documented inadequate response or intolerance to intravenous 4 mg zoledronic acid</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>The individual has tried and had an inadequate response or intolerance to Bilprevda (denosumab-nxxp) AND Xtrenbo (denosumab-qbde)</li> </ul> <p><b>Aukelso (denosumab-kyqq), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), and Xgeva (denosumab) may be considered medically necessary for the treatment of individuals with giant cell tumor of the bone when:</b></p> <ul style="list-style-type: none"> <li>The individual has tried and had an inadequate response or intolerance to Bilprevda (denosumab-nxxp) AND Xtrenbo (denosumab-qbde)</li> </ul>

Drug	Investigational
<ul style="list-style-type: none"> <li>Aukelso (denosumab-kyqq)</li> <li>Bildyos (denosumab-nxxp)</li> <li>Bilprevda (denosumab-nxxp)</li> </ul>	<p><b>The medications listed in this policy are subject to the product's US Food and Drug Administration (FDA) dosage and administration prescribing information.</b></p>



Drug	Investigational
<ul style="list-style-type: none"> <li>• Bomynta (denosumab-bnht)</li> <li>• Boncrea (denosumab-mobz)</li> <li>• Bosaya (denosumab-kyqq)</li> <li>• Conexxence (denosumab-bnht)</li> <li>• Enoby (denosumab-qbde)</li> <li>• Jubbonti (denosumab-bbdz)</li> <li>• Jubereq (denosumab-desu)</li> <li>• Osenvelt (denosumab-bmwo)</li> <li>• Ospomyv (denosumab-dssb)</li> <li>• Osvyrti (denosumab-desu)</li> <li>• Oziltus (denosumab-mobz)</li> <li>• Prolia (denosumab)</li> <li>• Stoboclo (denosumab-bmwo)</li> <li>• Wyost (denosumab-bbdz)</li> <li>• Xbryk (denosumab-dssb)</li> <li>• Xgeva (denosumab)</li> <li>• Xtrenbo (denosumab-qbde)</li> </ul>	<p>All other uses of the medications listed in this policy for conditions not outlined in this policy are considered <b>investigational</b>.</p>

Length of Approval	
Approval	Criteria
<p><b>Initial authorization</b></p>	<p>Non-formulary exception reviews for Bilyos (denosumab-nxxp), Boncrea (denosumab-mobz), Bosaya (denosumab-kyqq), Conexxence (denosumab-bnht), Enoby (denosumab-qbde), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and</p>



Length of Approval	
Approval	Criteria
	<p>Stoboclo (denosumab-bmwo) may be approved up to 12 months.</p> <p>All other reviews for Bildyos (denosumab-nxxp), Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Conexxence (denosumab-bnht), Enoby (denosumab-qbde), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) may be approved up to 2 years.</p> <p>All reviews for Aukelso (denosumab-kyqq), Bilprevda (denosumab-nxxp), Bomyontra (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), Xgeva (denosumab), and Xtrenbo (denosumab-qbde) listed in the policy may be approved up to 6 months.</p>
Re-authorization criteria	<p>Non-formulary exception reviews for Bildyos (denosumab-nxxp), Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Conexxence (denosumab-bnht), Enoby (denosumab-qbde), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) may be approved up to 12 months in duration when there is documentation that the condition has stabilized or improved and the individual has not experienced serious or intolerable side effects.</p> <p>All other reviews for Bildyos (denosumab-nxxp), Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Conexxence (denosumab-bnht), Enoby (denosumab-qbde), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) may be approved up to 2 years in duration when there is documentation that the condition has</p>



## Length of Approval

Approval	Criteria
	<p>stabilized or improved and the individual has not experienced serious or intolerable side effects.</p> <p>All reviews for Aukelso (denosumab-kyqq), Bilprevda (denosumab-nxxp), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), Xgeva (denosumab), and Xtrenbo (denosumab-qbde) may be approved up to 12 months as long as the drug-specific coverage criteria are met and chart notes demonstrate that the individual continues to show a positive clinical response to therapy.</p>

## Documentation Requirements

The individual's medical records submitted for review for all conditions should document that medical necessity criteria are met. The record should include the following:

- Office visit notes that contain the diagnosis and medication history

## Coding

Code	Description
<b>HCPCS</b>	
J0897	Injection, denosumab (Prolia/Xgeva) 1 mg
J3590	Unclassified biologics (use to report: Aukelso, Bilyos, Bilprevda, Boncresa, Bosaya, Enoby, Jubereq, Osvyrti, Oziltus, and Xtrenbo)
J9999	Not otherwise classified (use to report: Bilprevda)
Q5136	Injection, denosumab-bbdz (Jubbonti/Wyost), biosimilar, 1 mg
Q5157	Injection, denosumab-bmwo (Stoboclo/Osenvelt), biosimilar, 1 mg (new code effective 10/01/25)
Q5158	Injection, denosumab-bnht (Bomynta/Conexence), biosimilar, 1 mg (new code effective 10/01/25)
Q5159	Injection, denosumab-dssb (Ospomyv/Xbryk), biosimilar, 1 mg (new code effective 10/01/25)



Code	Description
Q5161	Injection, denosumab-kyqq (Aukelso/Bosaya), biosimilar, 1 mg (new code effective 04/01/26)
Q5162	Injection, denosumab-nxxp (Bildyos/Bilprevda), biosimilar, 1 mg (new code effective 04/01/26)

**Note:** CPT codes, descriptions and materials are copyrighted by the American Medical Association (AMA). HCPCS codes, descriptions and materials are copyrighted by Centers for Medicare Services (CMS).

## Related Information

### Benefit Application

#### Pharmacy/Medical Benefit

Bildyos (denosumab-nxxp), Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Connexence (denosumab-bnht), Enoby (denosumab-qbde), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) is administered by a healthcare professional subcutaneously every six months and is managed through the medical benefit and pharmacy benefit.

#### Medical Benefit

Aukelso (denosumab-kyqq), Bilprevda (denosumab-nxxp), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), Xgeva (denosumab), and Xtrenbo (denosumab-qbde) are managed through the medical benefit.

### Consideration of Age

Age limits specified in this policy are determined according to the US Food and Drug Administration (FDA) -approved indications, where applicable.

## Evidence Review



## Background

Osteoporosis is a pathological condition characterized by bone fragility and increased risk of fracture. The National Osteoporosis Foundation's (NOF) estimated in 2014 that nearly half the total adult U.S. population was affected by osteoporosis and low bone mass (T-score <-1.0). Approximately 10.2 million Americans at least 50 years of age (8.2 million women and 2.0 million men) were estimated to have osteoporosis and an additional 43.4 million (27.3 million women and 16.1 million men) to have low bone mass at the femoral neck (FN) or lumbar spine (LS) (NOF 2014). The prevalence of these conditions is expected to increase as the U.S. population ages.

The NOF also estimates approximately 2 million osteoporotic fractures occur in the U.S. each year (NOF 2014). Hip fracture is associated with the highest morbidity and mortality. Up to 24% of individuals at least 50 years of age with hip fracture die in the year following the event (NOF 2015). Each year, of nearly 300,000 hip fracture individuals, one-quarter end up in nursing homes and half never regain previous function (NOF 2015). In total, osteoporotic fractures cost individuals, families, and the American healthcare system \$19 billion annually, with Medicare paying a majority of these costs (NOF 2015).

Bone is constantly remodeled (broken down and replaced). Frequently, as people age creation of new bone does not keep up with removal of the old, resulting in reduced bone mass and increased risk for fracture.

The goal of therapy for osteoporosis is to prevent fractures. There are six classes of products currently indicated for use in osteoporosis in the U.S.

### *Denosumab (Prolia)*

#### **Treatment of Osteoporosis in Postmenopausal Women at High Risk for Fracture**

Evidence showed that treatment with denosumab reduces radiographic vertebral, nonvertebral, and hip fractures compared with placebo in postmenopausal osteoporotic women. One Japanese trial and its 1-year open-label extension study included postmenopausal osteoporotic women with prevalent radiographic vertebral fractures and showed that denosumab protected against radiographic vertebral fractures.



### **Treatment to Increase Bone Mass in Men with Osteoporosis at High Risk for Fracture**

Despite the prevalence of osteoporosis among older men and potential severity of its health consequences, osteoporosis in men is significantly understudied compared with women. The systematic review and meta-analysis published by the Journal of the American Geriatrics Society looked at two studies that evaluated the effect of denosumab vs. placebo in men with osteoporosis. Both studies did not demonstrate evidence of statistically significant reduction in vertebral fracture risk for men with denosumab.

### **Treatment of Glucocorticoid-Induced Osteoporosis (GIOP) in Men and Women at High Risk for Fracture**

The efficacy of denosumab in the treatment of individuals with GIOP was assessed in the 12-month primary analysis of a 2-year, randomized, multicenter, double-blind parallel-group, active-controlled study of 795 individuals (70% women and 30% men). Eligible individuals were aged 18 years or older and were receiving glucocorticoids (at least 7.5 mg prednisone daily, or equivalent) for at least 3 months (glucocorticoid continuing) or less than 3 months (glucocorticoid initiating) before screening. Individuals were randomized (1:1) to receive either 5 mg risedronate daily (n = 397) or denosumab 60 mg subcutaneously once every 6 months (n = 398) for one year. Denosumab was both non-inferior and superior to risedronate at 12 months for effect on BMD at the lumbar spine in both glucocorticoid-continuing and glucocorticoid-initiating subpopulations.

### **Treatment to Increase Bone Mass in Men at High Risk for Fracture Receiving Androgen Deprivation Therapy for Nonmetastatic Prostate Cancer**

A placebo-controlled trial showed the benefits of denosumab in men with early prostate cancer receiving ADT; after 36 months of treatment, denosumab increased spine, hip, and distal radius BMD and decreased the incidence of vertebral fractures by 62%.

### **Treatment to Increase Bone Mass in Women at High Risk for Fracture Receiving Adjuvant Aromatase Inhibitor Therapy for Breast Cancer**

For women taking aromatase inhibitors, denosumab has been shown to improve BMD and reduce the risk of clinical fractures compared to placebo. Efficacy was established in two trials. In both trials, women in the denosumab group had significant increase BMD at the LS, total hip,



and femoral neck. In the Adjuvant Denosumab in Breast Cancer Trial (ABCSC-18), denosumab was shown to delay the time to first clinical fracture and reduce the incidence of new vertebral fractures when compared to placebo.

## **Xgeva (denosumab)**

Clinical data from the pivotal Xgeva multiple myeloma '482 study demonstrated that Xgeva is non-inferior to zoledronic acid in delaying time to first on-study skeletal-related events (SREs). The median time to first on-study SRE was 22.83 months for Xgeva vs 23.98 months for zoledronic acid. Xgeva delayed the time to first SRE following randomization as compared to zoledronic acid in individuals with breast or castration-resistant prostate cancer (CRPC). In individuals with bone metastasis due to other solid tumors, Xgeva was noninferior to zoledronic acid in delaying the time to first SRE following randomization. Overall survival and progression-free survival were similar between arms in all three trials.

## **Practice Guidelines and Position Statements**

### ***American College of Physicians Guideline***

The American College of Physicians Guideline on the Treatment of Low Bone Density or Osteoporosis to Prevent Fractures in Men and Women recommended that clinicians:

- Offer pharmacologic treatment with alendronate, risedronate, zoledronic acid, or denosumab to reduce the risk for hip and vertebral fractures in women who have known osteoporosis. (Grade: strong recommendation; high-quality evidence)
- Treat osteoporotic women with pharmacologic therapy for 5 years. (Grade: weak recommendation; low-quality evidence)
- Offer pharmacologic treatment with bisphosphonates to reduce the risk for vertebral fracture in men who have clinically recognized osteoporosis. (Grade: weak recommendation; low-quality evidence)

### ***American Association of Clinical Endocrinologists (AACE)/American College of Endocrinology (ACE) Clinical Practice Guideline***

The AACE/ACE Clinical Practice Guidelines For The Diagnosis and Treatment of Postmenopausal Osteoporosis were updated in 2020. The AACE/ACE guidelines are based on diligent



reviews of the clinical evidence and the 2020 updated guideline contains 52 recommendations. Recommendations on which medications should be used to treat osteoporosis include the following:

- Offer approved agents with efficacy to reduce hip, nonvertebral, and spine fractures including alendronate, denosumab, risedronate, and zoledronate are appropriate as initial therapy for most osteoporotic individuals with high fracture risk
- Abaloparatide, denosumab, romosozumab, teriparatide, and zoledronate should be considered for individuals unable to use oral therapy and as initial therapy for individuals at very high fracture risk

Recommendations on how long individuals should be treated include the following:

- Limit treatment with abaloparatide and teriparatide to 2 years and follow abaloparatide or teriparatide therapy with a bisphosphonate or denosumab
- Limit treatment with romosozumab to 1 year and follow with a drug intended for long-term use, such as a bisphosphonate or denosumab
- For oral bisphosphonates, consider a bisphosphonate holiday after 5 years of treatment if fracture risk is no longer high (such as when the T score is greater than -2.5, or the individual has remained fracture free), but continue treatment up to an additional 5 years if fracture risk remains high
- For oral bisphosphonates, consider a bisphosphonate holiday after 6 to 10 years of stability in individuals with very high fracture risk
- For zoledronate, consider a bisphosphonate holiday after 3 years in high-risk individuals or until fracture risk is no longer high, and continue for up to 6 years in very-high risk individuals
- The ending of a bisphosphonate holiday should be based on individual circumstances such as an increase in fracture risk, a decrease in bone mineral density beyond the least significant change (LSC) of the dual-energy X-ray absorptiometry (DXA) machine, or an increase in bone turnover markers
- A holiday is not recommended for non-bisphosphonate antiresorptive drugs, and treatment with such agents should be continued for as long as clinically appropriate
- If denosumab therapy is discontinued, individuals should be transitioned to another antiresorptive



## 2026 Update

Reviewed prescribing information for all drugs in the policy. Changed Bıldıyos (denosumab-nxxp), Enoby (denosumab-qbde), Bilprevda (denosumab-nxxp) and Xtrenbo (denosumab-qbde) to preferred denosumab products. Changed Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Conexence (denosumab-bnht), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) to non-preferred denosumab products, and updated criteria to require the individual has an inadequate response or intolerance to Bıldıyos (denosumab-nxxp) AND Enoby (denosumab-qbde). Changed Aukelso (denosumab-kyqq), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), and Xgeva (denosumab) to non-preferred denosumab products, and updated criteria to require the individual has had an inadequate response or intolerance to Bilprevda (denosumab-nxxp) AND Xtrenbo (denosumab-qbde). Updated the criteria for Aukelso (denosumab-kyqq), Bilprevda (denosumab-nxxp), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), Xgeva (denosumab), and Xtrenbo (denosumab-qbde) for prevention of skeletal-related events in individuals with multiple myeloma and in individuals with bone metastases from solid tumors adding the dose is limited to 120 mg every 4 weeks.

## References

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## History

Date	Comments
11/01/25	New policy, approved October 14, 2025. Moved Prolia (denosumab) from policy 5.01.596 Pharmacologic Treatment of Osteoporosis to 5.01.658 Denosumab Products. Moved Xgeva (denosumab) from policy 5.01.540 Miscellaneous Oncology Drugs to 5.01.658 Denosumab Products. Added coverage criteria for Bıldıyos (denosumab-nxxp), Bilprevda (denosumab-nxxp), Bomynta (denosumab-bnht), Conexence (denosumab-bnht), Jubbonti (denosumab-bbdz), Osenvelt (denosumab-bmwo), Ospomyv (denosumab-dssb), Stoboclo (denosumab-bmwo), Wyost (denosumab-bbdz), and Xbryk (denosumab-dssb).
12/01/25	Interim Review, approved November 11, 2025. Added coverage criteria for Aukelso (denosumab-kyqq), Bosaya (denosumab-kyqq), Enoby (denosumab-qbde), and Xtrenbo (denosumab-qbde). Added Aukelso, Bosaya, Enoby, Xtrenbo as a parenthetical for HCPCS code J3590 in the Coding section.
03/01/26	Interim Review, approved February 10, 2026. Added coverage criteria for Boncresa (denosumab-mobz), Jubereq (denosumab-desu), Osvyrti (denosumab-desu), Oziltus (denosumab-mobz). Added Boncresa, Jubereq, Osvyrti, and Oziltus as a parenthetical for HCPCS code J3590 in the Coding section.
04/01/26	Coding update. Added new HCPCS codes Q5161 and Q5162, effective April 1, 2026.
05/01/26	Annual Review, approved April 14, 2026. The following policy changes are effective August 7, 2026, following a 90-day provider notification. Changed Bıldıyos (denosumab-nxxp), Enoby (denosumab-qbde), Bilprevda (denosumab-nxxp) and Xtrenbo (denosumab-qbde) to preferred denosumab products. Changed Boncresa (denosumab-mobz), Bosaya (denosumab-kyqq), Conexence (denosumab-bnht), Jubbonti (denosumab-bbdz), Ospomyv (denosumab-dssb), Osvyrti (denosumab-desu), Prolia (denosumab), and Stoboclo (denosumab-bmwo) to non-preferred denosumab products, and updated criteria to require the individual has an inadequate response or intolerance to Bıldıyos (denosumab-nxxp) AND Enoby (denosumab-qbde). Changed Aukelso (denosumab-kyqq), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), and Xgeva (denosumab) to non-preferred denosumab products, and updated criteria to require the individual has had an inadequate response or intolerance to Bilprevda (denosumab-nxxp) AND Xtrenbo (denosumab-qbde). Updated the criteria for Aukelso (denosumab-kyqq), Bilprevda (denosumab-nxxp), Bomynta (denosumab-bnht), Jubereq (denosumab-desu), Osenvelt (denosumab-bmwo), Oziltus (denosumab-mobz), Wyost (denosumab-bbdz), Xbryk (denosumab-dssb), Xgeva (denosumab), and Xtrenbo (denosumab-qbde) for



Date	Comments
	prevention of skeletal-related events in individuals with multiple myeloma and in individuals with bone metastases from solid tumors adding the dose is limited to 120 mg every 4 weeks.

**Disclaimer:** This medical policy is a guide in evaluating the medical necessity of a particular service or treatment. The Company adopts policies after careful review of published peer-reviewed scientific literature, national guidelines and local standards of practice. Since medical technology is constantly changing, the Company reserves the right to review and update policies as appropriate. Member contracts differ in their benefits. Always consult the member benefit booklet or contact a member service representative to determine coverage for a specific medical service or supply. CPT codes, descriptions and materials are copyrighted by the American Medical Association (AMA). ©2026 Premera All Rights Reserved.

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