



AETNA BETTER HEALTH®
Coverage Policy/Guideline

Name: Leuprolide

Page: 1 of 5

Effective Date: 8/26/2024

Last Review Date: 7/2024

Applies to:	<input checked="" type="checkbox"/> Illinois	<input type="checkbox"/> Florida	<input checked="" type="checkbox"/> Florida Kids
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Intent:

The intent of this policy/guideline is to provide information to the prescribing practitioner outlining the coverage criteria for leuprolide under the patient's prescription drug benefit.

Description:

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 Indication

Leuprolide acetate is indicated in the palliative treatment of advanced prostate cancer.

B. Compendial Uses

1. Central precocious puberty (CPP)
2. Use as a stimulation test to confirm the diagnosis of CPP
3. Use in combination with growth hormone for children with growth failure and advancing puberty
4. Prostate cancer
5. Inhibition of premature luteinizing hormone (LH) surges in members undergoing ovulation induction or assisted reproductive technology
6. Androgen receptor positive salivary gland tumors
7. Triggering of oocyte maturation and ovulation in assisted reproductive technology cycle

All other indications are considered experimental/investigational and not medically necessary.

Applicable Drug List:

leuprolide acetate 1mg/0.2mL

Policy/Guideline:

Documentation:

Submission of the following information is necessary to initiate the prior authorization review for central precocious puberty: laboratory report or medical record of a pubertal response to a gonadotropin releasing hormone (GnRH) agonist test or a pubertal level of a third-generation luteinizing hormone (LH) assay.



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Page: 2 of 5

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Criteria for Initial Approval:

A. Central precocious puberty (CPP)

1. Authorization of 12 months may be granted for treatment of CPP in a female member when all of the following criteria are met:
 - i. Intracranial tumor has been evaluated by appropriate lab tests and diagnostic imaging (e.g., computed tomography [CT] scan, magnetic resonance imaging [MRI]).
 - ii. The diagnosis of CPP has been confirmed by a pubertal response to a gonadotropin releasing hormone (GnRH) agonist test or a pubertal level of a third-generation luteinizing hormone (LH) assay.
 - iii. The assessment of bone age versus chronological age supports the diagnosis of CPP.
 - iv. The member was less than 8 years of age at the onset of secondary sexual characteristics.
2. Authorization of 12 months may be granted for treatment of CPP in a male member when all of the following criteria are met:
 - i. Intracranial tumor has been evaluated by appropriate lab tests and diagnostic imaging (e.g., CT scan, MRI).
 - ii. The diagnosis of CPP has been confirmed by a pubertal response to a GnRH agonist test or a pubertal level of a third-generation LH assay.
 - iii. The assessment of bone age versus chronological age supports the diagnosis of CPP.
 - iv. The member was less than 9 years of age at the onset of secondary sexual characteristics.

B. Stimulation test for CPP diagnosis

Authorization of one dose may be granted for use as a stimulation test to confirm the diagnosis of CPP.

C. Advancing puberty and growth failure

Authorization of 12 months may be granted for treatment of advancing puberty and growth failure in a pediatric member when leuprolide acetate is used in combination with growth hormone.

D. Prostate cancer

Authorization of 12 months may be granted for treatment of prostate cancer.

E. Salivary gland tumors



AETNA BETTER HEALTH®
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Page: 3 of 5

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Authorization of 12 months may be granted for treatment of recurrent, unresectable or metastatic salivary gland tumors as a single agent when the tumor is androgen receptor positive.

Continuation of Therapy:

A. Central precocious puberty

1. Authorization of up to 12 months may be granted for continuation of therapy for CPP in a female member if the member is currently less than 12 years of age and the member meets both of the following:
 - i. The member is currently receiving the requested medication through a paid pharmacy or medical benefit.
 - ii. The member is not experiencing treatment failure (e.g., clinical pubertal progression, lack of growth deceleration, continued excessive bone age advancement).
2. Authorization of up to 12 months may be granted for continuation of therapy for CPP in a male member if the member is currently less than 13 years of age and the member meets both of the following:
 - i. The member is currently receiving the requested medication through a paid pharmacy or medical benefit.
 - ii. The member is not experiencing treatment failure (e.g., clinical pubertal progression, lack of growth deceleration, continued excessive bone age advancement).

B. Salivary gland tumors

Authorization of 12 months may be granted for continued treatment of salivary gland tumors in members requesting authorization who are experiencing clinical benefit to therapy and who have not experienced an unacceptable toxicity.

C. Prostate cancer

Authorization of 12 months may be granted for continued treatment of prostate cancer in members requesting authorization who are experiencing clinical benefit to therapy (e.g., serum testosterone less than 50 ng/dL) and who have not experienced an unacceptable toxicity.

D. All other indications



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Page: 4 of 5

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

Approval Duration and Quantity Restrictions:

Approval: 12 months

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AETNA BETTER HEALTH®
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Page: 5 of 5

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