



STATE OF WEST VIRGINIA  
DEPARTMENT OF HEALTH AND HUMAN RESOURCES  
BUREAU FOR MEDICAL SERVICES



Office of Pharmacy Service  
Prior Authorization Criteria

Growth Hormone for Children under 21 years of age  
[Prior Authorization Request Form](#)

**Growth hormone will be approved for children meeting prior authorization criteria stated for the conditions listed below. In addition, all information and documentation requested on the prior authorization form, including height, weight, bone age, date of most current x-ray, stimulus test results, IGF-1 levels and a growth chart must be supplied.**

Growth Hormone Deficiency

- 1) Standard deviation of 2.0 or more below mean height for chronological age; **AND**
- 2) No expanding intracranial lesion or tumor diagnosed. Growth rate below five (5) centimeters per year; **AND**
- 3) Failure of any two stimuli test to raise the serum growth hormone level above 10nanograms/milliliter; **AND**
- 4) Bone age 14-15 years or less in females and 15-16 years or less in males; **AND**
- 5) Epiphyses open.

Growth Retardation of Chronic Renal Insufficiency

- 1) Standard deviation of 2.0 or more below mean height for chronological age; **AND**
- 2) No expanding intracranial lesion or tumor diagnosed; **AND**
- 3) Growth rate below five (5) centimeters per year; **AND**
- 4) Irreversible renal insufficiency with a creatinine clearance less than 75 ml/min per 1.73m<sup>2</sup> but pre-renal transplant; **AND**
- 5) Bone age 14-15 years or less in females and 15-16 years or less in males; **AND**
- 6) Epiphyses open.

Turner's Syndrome

- 1) Chromosomal abnormality showing Turner's syndrome; **AND**
- 2) Standard deviation of 2.0 or more below mean height for chronological age; **AND**
- 3) No expanding intracranial lesion or tumor diagnosed; **AND**
- 4) Growth rate below five (5) centimeters per year; **AND**
- 5) Bone age 14-15 year; **AND**
- 6) Epiphyses open.



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Neurosecretory Growth Retardation

- 1) Standard deviation of 2.0 or more below mean height for chronological age; **AND**
- 2) No expanding intracranial lesion or tumor diagnosed; **AND**
- 3) Growth rate below five (5) centimeters per year; **AND**
- 4) Bone age 14-15 years or less in females and 15-16 years or less in males; **AND**
- 5) Epiphyses open; **AND**
- 6) Mixed or normal response to any two (2) stimuli test in raising serum growth hormone above 10nanograms/milliliter.

Idiopathic Short Stature

- 1) A standard deviation of 2.25 or more below mean height for chronological age; **AND**
- 2) No expanding intracranial lesion or tumor diagnosed; **AND**
- 3) Growth rate is below five (5) centimeters per year; **AND**
- 4) Bone age is 14-15 years or less in females and 15-16 years or less in males and epiphyses are open; **AND**
- 5) A mixed or normal response to any two stimuli tests in raising serum growth hormone above 10nanograms/milliliter; **AND**
- 6) The child is proportionally shorter than the predicted rate of growth from the parents height; **AND**
- 7) Requests must come from a pediatric endocrinologist.

*Review and Approved  
DUR Board 08/2010*