
Subject: Human Growth Hormone

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Objective:

- I. To ensure that Tuality Health Alliance (THA) has a process in place to objectively make Human Growth Hormone utilization determinations.

Definition:

Human Growth Hormone is also known as Somatotropin. This hormone plays an important role in growth, metabolism, and maintenance of body fat, muscle, and bone. Treatment with growth hormone should continue only until adult height is achieved as determined by bone age. The following conditions may warrant the use of Human Growth Hormone**:

- Pituitary Dwarfism
- Turner's syndrome
- Prader-Willi-Syndrome
- Noonan's Syndrome
- Short Stature Homeobox – containing gene SHOX

**Treatment is not included for isolated deficiency of Human Growth Hormone or conditions in adults.

HGH Brand	FDA Indications	Route/Dosing
1. Genotropin	GHD, PWS, SGA, Turner	SQ/daily
2. Humatrope	GHD, Turner, AGHD, ISS	SQ/daily
3. Norditropin	GHD	SQ/daily
4. Nutropin (nutropin AQ Norditropin Nordiflex)	GHD, CRI, Turner, AGHD	SQ/daily
5. Nutropin Depot	GHD	IM/monthly
6. Saizen	GHD	SQ/daily
7. Tev-Tropin	GHD	SQ/3X/wk
8. Zorbitive	Short Bowel Syndrome	SQ /daily
9. Protropin (somatrem)	GHD	daily

Policy:

- I. Growth Hormones are approved only for covered diagnosis and where there is medical evidence of effectiveness and safety.
- II. Growth Hormones must be prescribed by a Pediatric Endocrinologist or Pediatric Nephrologist.
- III. Growth Hormones administered subcutaneously are considered to be self-administered. Prior Authorization is required whether self administered or given in the physician's office.

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- IV. Intramuscular administration of growth hormone may be either self-administered or not self-administered.

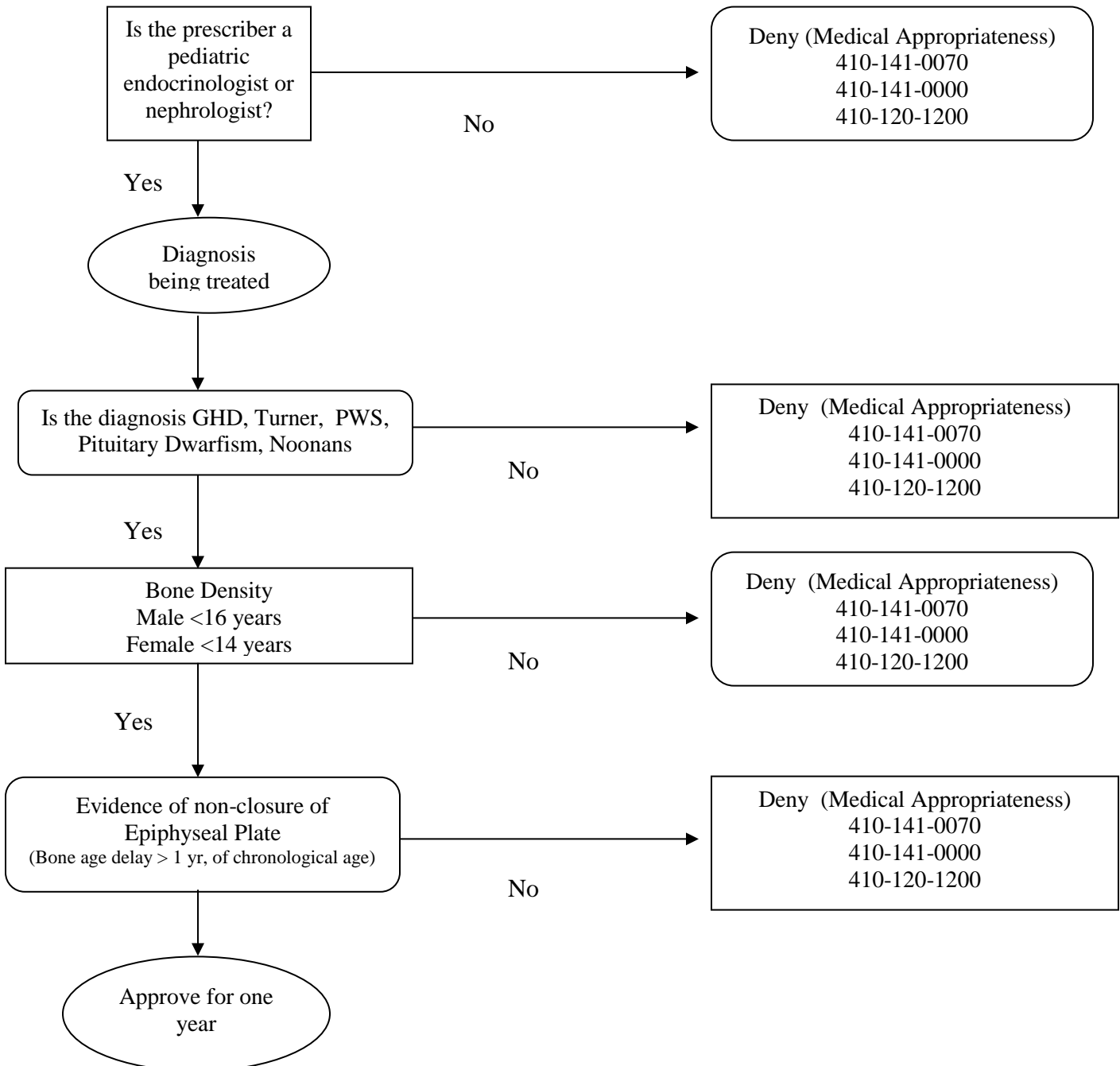
References:

DMAP Policy on Growth Hormone
Express Scripts Prior Authorization Policy
National Guideline Clearing House Guidelines on Growth Hormone
Providence Health Plan Policy on Growth Hormone Therapy

Formulated:	September 2006
Reviewed:	February 2013 September 2015 August 2017
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Pediatric Growth Hormone



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Pediatric Renewal

