



UNDERSTANDING THE TREATMENT OF IDIOPATHIC SHORT STATURE

Nutropin AQ Pen[®] 10
for use with **Nutropin AQ Pen[®] 10 mg Cartridge**
[somatropin (rDNA origin) injection]

Nutropin AQ[®]
[somatropin (rDNA origin) injection]

Nutropin[®]
[somatropin (rDNA origin) for injection]

YOUR CHILD HAS BEEN DIAGNOSED WITH ISS

As you already know, ISS stands for idiopathic short stature, which means the cause of the condition is unknown. Short stature simply means your child is shorter than they should be for their age and sex.

Children with ISS have:

- Heights that fall in the lowest 1.2% of all US children of the same age and sex
- Growth rates that indicate a low chance of reaching a normal adult height

But with the help of growth hormone (GH) therapy, you may help your child grow.

STARTING NUTROPIN THERAPY

Your healthcare professional has recommended therapy that's best suited for your child.

Nutropin AQ® [somatropin (rDNA origin) injection] and Nutropin® [somatropin (rDNA origin) for injection] are approved for long-term treatment of a condition known as idiopathic short stature (ISS), also known as non-growth hormone-deficient short stature.

Treatment with Nutropin is indicated:

- In children whose bones are still growing
- After a detailed evaluation has been conducted by a healthcare professional to rule out conditions that should be treated by other means

Nutropin AQ can be given with the Nutropin AQ Pen. This device offers simplicity, convenience and safety features for Nutropin AQ delivery.

POTENTIAL RESULTS:

- The results of growth hormone in children with ISS are not immediate or predictable
- In a study of 118 children with ISS, boys treated with Nutropin grew an average of 2.0 inches more than boys who were not treated, and girls an average of 2.4 inches more*¹
- If you have questions about therapy or have safety concerns, contact your healthcare professional

* Difference is between the predicted adult height and achieved adult height.

1. Nutropin AQ® [somatropin (rDNA origin) injection] and Nutropin® [somatropin (rDNA origin) for injection] [package insert]. So. San Francisco, CA: Genentech, Inc.; 2005.

If you have questions about therapy or have safety concerns, contact your healthcare professional.

Please see accompanying full prescribing information for Nutropin AQ and Nutropin.

Please see pages 6–7 for important safety information.

ADMINISTERING THERAPY

The Nutropin AQ Pen® will help ensure your child gets the proper dose of GH. The Nutropin AQ Pen provides a prefilled cartridge of Nutropin AQ, an easy-to-use dose knob, digital dose display and convenient safety features.

If you still have questions about GH therapy after reading this brochure, talk with your healthcare professional or see the Additional Resources section for more information.

Digital display enhances dosing precision

Dose flash recall reminds you of your last dose

Ready-to-use liquid cartridge eliminates reconstitution

Small, light, easy to carry

Choice of two needle shields provides convenience and comfort



REIMBURSEMENT INFORMATION RESOURCE

In order to assist patients and families in obtaining insurance reimbursement, Genentech offers SPOC, a reimbursement information resource.

- Help for individuals and families seeking insurance reimbursement for Nutropin AQ and Nutropin therapy
- SPOC provides personalized assistance, including:
 - insurance coverage guidance
 - help understanding policy benefits
 - insurance coverage requirements
 - information for appealing denied coverage
- Convenient service with a single, toll-free phone call at 1-800-545-0498, or online at Nutropin.com or www.SPOCOnline.com
- This description is provided for informational purposes only. The submission and completion of reimbursement or coverage-related documentation is the responsibility of the patient and healthcare provider. Genentech makes no representation or guarantees concerning reimbursement or coverage for any service or item.

ADDITIONAL RESOURCES

Nutropin.com — An online resource for both healthcare professionals and patients with GHD to find answers, information, and encouragement.

Human Growth Foundation* — Established to help adults and parents of children with disorders of growth and growth hormone through research, education, support, and advocacy. Visit www.hgfound.org.

MAGIC Foundation* — A grass-roots organization started by parents, to provide support and education regarding growth disorders in children, as well as related adult disorders. Visit www.magicfoundation.org.

* The Human Growth Foundation and MAGIC Foundation Web sites offer some valuable information; however they are not affiliated with Genentech, Inc. and are not the only sources of information on this topic.

The Nutropin AQ Pen is available in the US by prescription only. Healthcare professionals should provide patient training prior to use.

Please see accompanying full prescribing information for Nutropin AQ and Nutropin.

Please see pages 6–7 for important safety information.

IMPORTANT SAFETY INFORMATION

Your child's healthcare professional is your primary source of information. Discuss the potential benefits and risks of growth hormone (GH) treatment with your child's pediatric endocrinologist so you are familiar with possible side effects.

If your child is treated at the hospital for any reason, notify your child's healthcare professional, including your child's pediatric endocrinologist, immediately.

Nutropin AQ® [somatropin (rDNA origin) injection] and Nutropin® [somatropin (rDNA origin) for injection] should not be used in patients with active cancer and should be discontinued if evidence of cancer develops.

It is important to notify your child's doctor if allergic reactions occur, such as itching, rash, redness, or swelling at the injection site.

Should your child develop a limp or worsened curvature of the spine, or complain of hip or knee pain, notify your child's doctor.

If your child complains of headache, visual changes, nausea, and/or vomiting, notify your child's healthcare professional immediately.

Nutropin AQ and Nutropin should not be used for growth promotion in pediatric patients whose bone growth is completed.

If your child has diabetes, consult your child's doctor, as GH may affect the body's response to insulin.

Discuss with your child's doctor all medications your child is taking, particularly corticosteroids (such as prednisone or hydrocortisone), sex steroids (such as estrogens or testosterone), seizure medication or cyclosporine.

If, in addition to pediatric GH deficiency, your child has been diagnosed with Prader-Willi syndrome, GH should not be used if your child is severely obese or has severe breathing problems. Consult your child's doctor for more information.



Please see accompanying full prescribing information for additional safety considerations. If you have questions about therapy or have safety concerns, contact your healthcare professional.

MY NEXT APPOINTMENT

Date _____

Time _____

QUESTIONS FOR MY HEALTHCARE PROFESSIONAL

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For more information, visit us at **Nutropin.com**
or call **1-866-NUTROPIN (1-866-688-7674)**.