

TREAT CPP

# Just Below the Surface

The treatment of central precocious  
puberty (CPP) has evolved to  
**subcutaneous (SC) injections**



Fensolvi<sup>®</sup> delivers the **30-year reliability of leuprolide acetate with innovations** that can help make a real difference in the patient treatment experience.

Designed specifically  
for pediatric patients



The shortest needle  
at only 5/8 inch<sup>1,2,3</sup>



The only 6-month subcutaneous  
injection of leuprolide acetate<sup>1</sup>



The smallest injection  
volume at 0.375 mL<sup>1,2,3</sup>



LH suppression for the duration  
of the dosing period

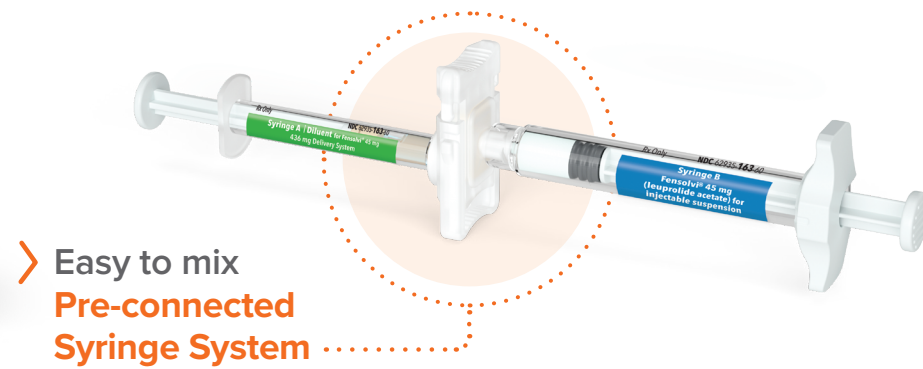
**Important Safety Information:** FENSOLVI<sup>®</sup> (leuprolide acetate) for injectable suspension is a gonadotropin releasing hormone (GnRH) agonist used to treat patients 2 years of age and older with central precocious puberty (CPP). CPP may be diagnosed when signs of sexual maturity begin to develop in girls under the age of 8 or in boys under the age of 9.

FENSOLVI is contraindicated in individuals with hypersensitivity to any drug that is in the same class as FENSOLVI, in individuals who are allergic to any of the ingredients in FENSOLVI, or in individuals who are pregnant. FENSOLVI may cause fetal harm when administered to a pregnant patient. **See additional important Safety Information inside and full Prescribing Information in Pocket.**

## PRODUCT INNOVATION

Fensolvi® (leuprolide acetate) for injectable suspension

The **first and only 6 month, subcutaneous** injection of **leuprolide acetate** for the treatment of CPP<sup>1</sup>



Easy to mix  
Pre-connected  
Syringe System

## Designed with a child in mind



**Smallest Injection Volume – 0.375 mL**

Smallest injection volume among the GnRHa injectables for CPP<sup>1,2,3</sup>



**Shortest Needle<sup>1,2,3</sup> – 5/8 inch, 18 gauge**

Shorter length may be less likely to cause fear of needle<sup>4</sup>



Fully-prepped, injection-ready Fensolvi



**LH suppression**

for the duration of the dosing period via a novel insitu polymeric gel delivery system<sup>5</sup>



**Leuprolide Acetate**

The most commonly prescribed CPP treatment<sup>6</sup>

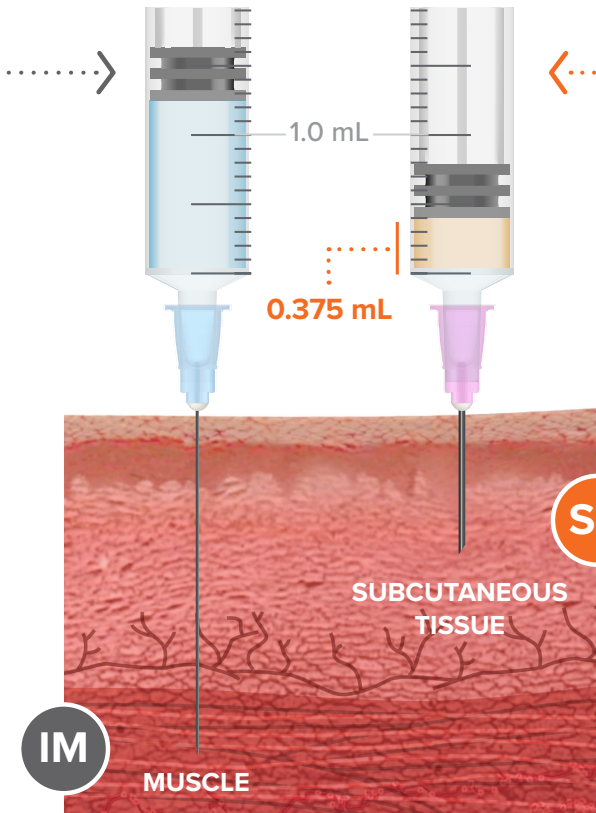
**Important Safety Information (continued):** During the first few weeks of treatment, increases in gonadotropins and sex steroids above baseline may result in an increase in signs and symptoms of puberty including vaginal bleeding in girls.

## Intramuscular (IM) vs. Subcutaneous (SC) Considerations for children's injection experience

**Intramuscular Injection (IM)<sup>7,8,9</sup>**

- Higher risk of bone or nerve injury due to:
  - Longer needle
- Limited injection sites
- No surgery required

A recent review by an international group of experts highlighted trends in the care of children with CPP including giving long-acting injections subcutaneously rather than intramuscularly.<sup>10</sup>



**Subcutaneous Injection (SC)<sup>7,8,9</sup>**

- Most recent CPP treatment innovation<sup>1</sup>
- Lack of muscle pain typically associated with IM injections
- Little muscle mass (common among children) is not a concern
- Lower risk of bone or nerve damage
- Flexibility of injection sites<sup>1</sup>
- No surgery required



For more information, watch the **Fensolvi Product Video**

Scan this QR code with your smartphone's camera.

**fensolvi**  
(leuprolide acetate) for injectable suspension

**Important Safety Information (continued):** Psychiatric events have been reported in patients taking GnRH agonists. Events include emotional lability, such as crying, irritability, impatience, anger, and aggression. Patients should be monitored for development or worsening of psychiatric symptoms.

Convulsions have been observed in patients treated with GnRH agonists with or without a history of seizures, epilepsy, cerebrovascular disorders, central nervous system anomalies or tumors, and in patients on concomitant medications that have been associated with convulsions such as bupropion and SSRIs.

Pseudotumor Cerebri (Idiopathic Intracranial Hypertension) has been reported in pediatric patients treated with GnRH agonists. Patients should be monitored for headache, papilledema and blurred vision.

The most common adverse events seen with FENSOLVI were: injection site pain, nasopharyngitis, pyrexia, headache, cough, abdominal pain, injection site erythema, nausea, constipation, vomiting, upper respiratory tract infection, bronchospasm, productive cough and hot flush. **See full Prescribing Information in Pocket.**

## EFFICACY & SAFETY

# Fensolvi<sup>®</sup> was proven to be effective and well-tolerated in the pivotal trial

fensolvi<sup>®</sup>  
(leuprolide acetate) for injectable suspension

97% of children had **regression or stabilization of Tanner staging** during 48 weeks of treatment<sup>11</sup>



Mean height velocity decreased from **Week 4 to Week 48**, from 8.9 cm/year to 6.4cm/year<sup>1</sup>



Mean difference between **BA and CA** decreased, from 3 years to 2.7 years<sup>1</sup>



BA = Bone Age; CA = Chronological Age



≥**97% of girls achieved estradiol suppression** to pre-pubertal level throughout 48 weeks of treatment<sup>1</sup>



**87% of children achieved primary endpoint of peak stim LH of <4 IU/L** at week 24<sup>1</sup>



**94% of children achieved peak stim LH of <5 IU/L** at week 24<sup>12</sup>

**No children withdrew** from the study due to adverse reactions

## CLINICAL RESULTS

## BIOCHEMICAL RESULTS

## Fensolvi<sup>®</sup> has a well-established safety and tolerability profile<sup>1</sup>

Adverse reactions occurring in ≥5% of patients treated with Fensolvi in an open-label, single-arm trial<sup>1</sup>

### Other adverse reactions

Psychiatric emotional disorder (2%) and irritability (2%)

- No adverse reactions led to withdrawal from the study or discontinuation of Fensolvi<sup>1</sup>
- Throughout the 12 months of the clinical trial, no serious adverse events or significant adverse events of clinical relevance occurred<sup>1</sup>

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### Adverse reactions

### % of patients

Injection site pain—All injections site pain was mild/grade 1 (82% injections delivered with numbing agent)	31%
Nasopharyngitis	22%
Pyrexia	17%
Headache	16%
Cough	13%
Abdominal pain	9%
Injection-site erythema	9%
Nausea	8%
Constipation	6%
Vomiting	6%
Upper respiratory tract infection	6%
Bronchospasm	6%
Productive cough	6%
Hot flash	5%

(N = 64)

**References:** 1. Fensolvi<sup>®</sup> (leuprolide acetate) for injectable suspension 45 mg Prescribing Information. Dublin 2, Ireland: Tolmar International, Ltd.; 2022. 2. LUPRON DEPOT-PED [package insert]. North Chicago, IL: AbbVie Inc. <https://www.rxabbvie.com/pdf/lupronpediatric.pdf>. 3. Triptodur [package insert]. Atlanta, GA: Arbor Pharmaceuticals, LLC. <https://triptodur.com/assets/pdf/Triptodur-PI.pdf>. 4. Nagai Y, et al. *Diabetes Technol Ther.* (2013) 15:550–5. 5. Sartor O. A new form of treatment for prostate cancer. *European Urology Supplements.* 2006;5:905-910. 6. Data on File. Tolmar, Inc. 7. Prettyman J, et al. *Urologic Nursing.* 2019;39(2):83-99. 8. Leung AK, Chiu AS, Siu OT, et al. *J R Soc Health.* 1989 Apr;109(2):71-3. 9. Russo L, Moore WV. *J Clin Endo Metab.* 1982;55(5):1003-6. 10. Popovic J, et al. *Front Pediatr.* 2022;10:1-12. 11. Klein K, et al. *J Clin Endo Metab.* 2020;105(10):1-12. 12. Data on File. Tolmar International Ltd.