

Name of Journal: World Journal of Clinical Cases

Manuscript NO: 52469

Manuscript Type: CASE REPORT

Growth hormone therapy for children with KBG syndrome: A case report and literature review

Ge XY *et al.* GH therapy for KBG children

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Abstract

BACKGROUND

The percentage of short stature in KBG syndrome is relatively high. Data on the therapeutic effects of growth hormone (GH) on children with KBG syndrome accompanied by short stature in previous literatures has not been summarized.

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(PDF) KBG syndrome - ResearchGate [翻译此页](#)

KBG syndrome is a rare condition characterised by a typical facial dysmorphism, macrodontia of the upper central incisors, skeletal (mainly costovertebral) anomalies and developmental delay.

https://www.researchgate.net/publication/6635842_KBG_syndrome

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Some children with KBG syndrome have been treated with growth hormone therapy. Initial results have been promising in helping children who are experiencing delays or diminished growth. More research is necessary to determine the long-term safety and effectiveness of growth hormone therapy in children with KBG syndrome.

<https://rarediseases.org/rare-diseases/kbg-syndrome> ▾

KBG syndrome - PubMed Central (PMC) [翻译此页](#)

位置: 8600 Rockville Pike, Bethesda, MD

2006-12-12 · KBG syndrome is a rare condition characterised by a typical facial dysmorphism, macrodontia of the upper central incisors, skeletal (mainly costovertebral) anomalies and developmental delay. To date, KBG syndrome has been reported in 45 patients. Clinical



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KBG syndrome - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1764006>

Dec 12, 2006 · Growth. **Birth weight** is usually normal while length is often below the 3rd centile. Seventy-seven percent of **KBG patients display** proportionate short stature (<10th centile), with respect to the height of the **parents** and **sibs**. However, arm span exceeding stature was noted in ...

The effect of growth hormone treatment in a child with ...

<https://www.sciencedirect.com/science/article/pii/S1769721219302034>

Dec 26, 2019 · Moreover, patients with this **syndrome** may have **growth hormone (GH) deficiency** since this transcription factor has been found to be expressed in the **pituitary** and hypothalamus (**Correa et al.**, 2018). **Linear growth** is decreased in almost all **TRPS patients**, both prenatally and postnatally; adult height falls below -2 SD in about half the patients (**Maas et al.**, 2015).

Author: Yael Levy-Shraga, Yael Levy-Shraga, ... **Publish Year:** 2019

KBG Syndrome - NORD (National Organization for Rare ...

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