



The 2022 Digital Learning Journey on Growth Disorders

VIDEO LECTURE LAUNCH DATE 15 November 2022

Novel Genetic Causes of Hypopituitarism

OVERVIEW

Growth disorders and short stature can severely affect the health and quality of life of children and adults. An accurate diagnosis and a targeted therapy can be addressed to many cases of short stature, helping children to achieve a normal adult height, alleviating both short- and long-term psychological and health issues and improving the quality of life of children and their families. Nonetheless, a growth disorder can be the sole sign of life threatening condition requiring prompt medical management; as one of the possible causes of growth disorders in children, genetic hypopituitarism, can pose a serious threat to patient's life, especially when associated with other endocrine pituitary defects. Different mutations in genes of pituitary function can lead to pituitary defects and deficiency syndromes. In genetic hypopituitarism, mutations can occur at each stage of pituitary gland formation and functioning, creating different clinical conditions and syndromes. Therefore, a correct genetic diagnosis can help to address the clinical issues experienced by the patients and the concerns of their relatives.

LEARNING OBJECTIVES

- Identify cases of hypopituitarism causing short stature
- Describe the most common causes of genetic hypopituitarism
- Choose the most efficient test to diagnose genetic hypopituitarism

TARGET AUDIENCE

Endocrinologists, pediatricians, geneticists, general practitioners and nurses.

FACULTY

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LANGUAGE

English.

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