



Introduction to special series: “Clinical Pearls in Pediatric Endocrinology and Metabolism”

Pediatric endocrinology brings both molecular and clinical science together and is a field where the advancements in molecular biology is translated into clinical practice to understand, diagnose, and apply up to date treatment modalities for endocrine problems in children and adolescents.

In this special series of *Pediatric Medicine* journal, we present a wide variety of both common and controversial topics in pediatric endocrinology. For example, one of the most debated and controversial area in pediatric endocrinology is transgender care in children and adolescents. Despite growing evidence that suggests improved physical and mental health outcomes when appropriate transgender care is provided, recent new policies on gender affirming care are negatively impacting transgender and non-binary youth to access needed care. In this series, we addressed gender dysphoria and gender affirming care in pediatrics as well as resources for physicians to aid in diagnosis and management (*Table 1*).

In addition, we provide up to date clinical information and practical management guidelines in Turner syndrome, primary adrenal insufficiency, and type 2 diabetes, as well as address common respiratory problems in Prader-Willi syndrome and cardiac aspects of Turner syndrome. This special series also covers prenatal and newborn screening of congenital adrenal hyperplasia and their pitfalls, the prevalence of polycystic ovary syndrome (PCOS) in type 1 diabetes, treatment outcomes of central precocious puberty, and lastly, treatment schemas that can help adolescents to improve their diabetes management.

Authors hope that the health care providers find the information provided here to be useful in their daily practice.

Table 1 Articles in the special series

Title	Article type	Corresponding author
Introduction to special series: “Clinical Pearls in Pediatric Endocrinology and Metabolism”	Editorial	Berrin Ergun-Longmire
Transgender in pediatrics: a narrative review	Review Article	Alejandro Diaz
A narrative review of gender dysphoria in childhood and adolescence: definition, epidemiology, and clinical recognition	Review Article	Ethel Gonzales Clemente
Respiratory system abnormalities in Prader-Willi syndrome: a literature review	Review Article	Berrin Ergun-Longmire
Turner syndrome: narrative review of genetics and clinical aspects of management	Review Article	Elizabeth B. Fudge
A narrative review: cardiovascular aspects of Turner syndrome in the pediatric population	Review Article	Matthew L. Furst
Pitfalls of prenatal and newborn screening in congenital adrenal hyperplasia: a narrative review	Review Article	Oksana Lekarev
A narrative review: an update on primary adrenal insufficiency (PAI) in pediatric population	Review Article	Berrin Ergun-Longmire
A narrative review of type 2 diabetes mellitus and its management in children and adolescents	Review Article	Patricia Vining Maravolo
A narrative review: polycystic ovary syndrome (PCOS) and type 1 diabetes (T1D)	Review Article	Angelina Bernier
The eight psychological treatment schemas for adolescents diagnosed with type 1 diabetes	Review Article	Roger W. Apple
A narrative review: treatment outcomes of central precocious puberty (CPP)	Review Article	Berrin Ergun-Longmire

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Footnote

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Ethical Statement: The authors are accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

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