

Special Issue on
**Chronic Kidney Disease in Children: Optimizing
Diagnosis, Treatment, and Transition to Adult Care**

CALL FOR PAPERS

The main causes of chronic kidney disease (CKD) in children are congenital anomalies of the kidney and urinary tract (CAKUT), inherited/acquired glomerular or tubular disorders, and systemic and metabolic diseases with renal involvement. In general, children with CAKUT may have full, healthy lives. However, some children with renal agenesis, renal dysplasia, complicated CAKUT, or selected cases such as posterior urethral valves are at increased risk for developing CKD over time. Moreover, based on clinical manifestations and family history, inheritance is suspected or accepted for a significant number of renal diseases and recently single-gene defects and genetic basis have been defined for more than 160 rare kidney diseases. Taking into account genetic analysis perspective, correlations between the clinical phenotype and the underlying genetic factors have been tried in certain entities. Moreover, successful transition of adolescents with CKD from pediatric care to adult care is another important goal and innovative programs on this issue come into force recently. It seems that the impact of the genetic burden present in many patients on transition is very important. For advanced chronic kidney disease successful treatment and care depends on a multidisciplinary team which aims to support child's global health including the quality of life.

International Journal of Nephrology is currently preparing a special issue on "Chronic Kidney Disease in Children: Optimizing Diagnosis, Treatment, and Transition to Adult Care" to be published late 2017. The objective is to cover up-to-date data and important developments on this topic. We invite investigators to submit original research articles and reviews to this special issue.

Potential topics include but are not limited to the following:

- ▶ CKD in children: epidemiology and public health
- ▶ Congenital anomalies of the kidney and urinary tract (CAKUT)-CAKUT genetics
- ▶ Inherited renal diseases
- ▶ Vascular/glomerular/tubular disorders
- ▶ Cognitive disorders in children with CKD
- ▶ Dialysis/renal transplantation
- ▶ Transitional care from pediatric to adult health care

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/ijn/cdc/>.

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First Round of Reviews

Friday, 22 December 2017

Publication Date

Friday, 16 February 2018