ESPN WG CAKUT/UTI/Bladder Dysfunction

Congenital anomalies of the kidney and urinary tract (CAKUT) are among the most frequent organ malformations. They are a relevant cause of chronic renal failure in children. Besides isolated forms of CAKUT, more than 500 syndromes have been described that are characterized by combined defects of the kidney and other organ systems. Familial aggregation of renal malformations in approximatively 10% of patients suggests that genetic events might be involved. During the last years, our understanding of kidney organogenesis has largely improved due to the development of numerous genetic knock-out mouse models and the identification of specific renal developmental genes. For a subset of these genes human disorders have been described and novel genes are identified steadily.

Besides chronic renal insufficiency, recurrent urinary tract infections and associated bladder disease are frequent and relevant clinical symptoms of CAKUT.

The ESPN Working Group CAKUT/UTI/Bladder Dysfunction has formed in 2013 and is dedicated to improve educational issues, clinical studies and research related to congenital malformations of the kidney and urinary tract, urinary tract infection and bladder dysfunction. Numerous experts, clinicians and researches throughout Europe have joint this Working Group which is open to new members at any time.

If you are interested to participate in this initiative, please apply with Form A which is available on the ESPN website (http://www.espn-online.org/images/FORM%20A.pdf).