Project Summary for IIgANN website

Project Title
Application of the International IgA Nephropathy Prediction Tool in children one or two years post-biopsy

Primary Investigators
Sean J. Barbour, University of British Columbia, Division of Nephrology, Vancouver, Canada, BC Renal, Vancouver, Canada
Rosanna Coppo, Fondazione Ricerca Molinette, Regina Margherita Hospital, Turin, Italy
Lee Er, BC Renal, Vancouver, Canada
Daniel C. Cattran, University of Toronto, Division of Nephrology, Toronto, Canada

Brief Description
The pediatric International IgA Nephropathy (IgAN) Prediction Tool comprises two models with and without ethnicity and is the first method to predict the risk of a 30% decline in eGFR or end-stage kidney disease in children at the time of biopsy using clinical risk factors and MEST histology scores. However, it is unknown if the Prediction Tool can be applied after a period of observation post-biopsy. Using an international multi-ethnic cohort of 947 children with IgAN, the Prediction Tool was updated for use one- or two-years after biopsy. Thus, the original pediatric Prediction Tool should be used in children at the time of biopsy, and the updated pediatric Prediction Tool should be used to revaluate risk one- or two-years after biopsy.

Project status
Pending publication