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PMG. Primary Membranoproliferative Glomerulonephritis and C3 Glomerulopathy

NIHR BioResource – Rare Diseases study project

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V1.2 13/09/2019

Summary

Primary Membranoproliferative Glomerulonephritis and C3 Glomerulopathy refers to kidney disease caused by inflammation in the filtering units of the kidney that has a particular appearance on kidney biopsy.

This is a rare disease that most often affects children and younger adults, although can occur at any age. In many cases it is triggered by an infection and the body's immune system goes on to attack the kidney, sometimes causing kidney failure.

At the moment it is not understood why this occurs and treatments are often not effective. It is hoped that the PMG project (NIHR BioResource), will help to better understand genetic and other contributors to the disease.

Recruitment Criteria

Inclusion

Proteinuria, haematuria and/or renal dysfunction persisting for >3 months and a kidney biopsy showing Membranoproliferative Glomerulonephritis (MPGN) or C3 glomerulopathy (including Dense Deposit Disease and C3 glomerulonephritis) not attributable to an infectious, autoimmune or neoplastic disorder or a monoclonal gammopathy.