

Family Study of Early Hypertension in Children and Young People at Risk of Autosomal Dominant Polycystic Kidney Disease (ADPKD)

The HIYA-PKD Study

Who Can Take Part?

Do you have a parent with autosomal dominant polycystic kidney disease (ADPKD)?

Are you aged 12–17 years?

Or do you have ADPKD and also have a child aged 12–17 years?

If yes, you are invited to participate in a research study taking place at sites in **London, Manchester and Nottingham** investigating blood pressure in children at risk of ADPKD.

What Is the Aim of the Study?

The aim of this study is to measure blood pressure and look at the potential effect of this on the health of the **heart, blood tubes (arteries)** and other organs.

As part of this study, we will:

- Do an **MRI scan** of the kidneys and heart
- Assess **blood pressure** using several techniques
- Check for **ADPKD by a genetic test**

This will most commonly require **two visits** to the hospital.

Why Is This Important?

One of the earliest signs of ADPKD is **high blood pressure**, which can appear even in childhood. If left untreated, high blood pressure can speed up kidney damage and place extra strain on the heart and other organs.

The **early detection and management of high blood pressure** is a simple but crucial step towards protecting long-term health.

Take Part in the Study

We'd love for you to be part of our research. If you're interested, simply click the link below to complete a short survey:

[Register Your Interest](#)

If you would like any further information beforehand, please contact the study co-ordinator, Benjamin Boxer:

gstt.hiya.pkd@nhs.net

Hear from Professor Manish Sinha

Professor Manish Sinha, Chief Investigator for the HIYA-PKD study, is a **Consultant Paediatric Nephrologist** at Evelina London Children's Hospital with over 20 years' experience caring for children with kidney conditions.

A leading expert in **autosomal dominant and recessive polycystic kidney disease (ADPKD and ARPKD)**, Professor Sinha also holds a **PhD from King's College London** focused on hypertension and cardiovascular health in young people with kidney disease.

In this video, he shares why the HIYA-PKD study is so important for improving understanding and care for children and young people at risk of ADPKD.

[View video.](#)

