



# Pediatric Renal

At Canberra Specialist Ultrasound we are passionate about delivering the very best ultrasound imaging service for the benefit of all our patients. We bring together a nationally and internationally renowned team of highly experienced doctors and medical imaging professionals from across the country into a caring and dedicated environment.

## Introduction

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Your doctor has referred your child to have an ultrasound of their kidneys and bladder. This examination is very common and will provide valuable information that will assist your doctor in managing your child's health.

Ultrasound uses high frequency sound waves to produce images without adverse side effects and free of radiation. As ultrasound is a safe and non-invasive modality it does not produce any discomfort for your child and you are encouraged to remain by their side, providing support and comfort during the examination.

At Canberra Specialist Ultrasound we have staff with extensive pediatric imaging experience and have invested in specialised probes, which provide state of the art pediatric imaging.

## What about the results?

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An Accredited Medical Sonographer conducts the ultrasound in close collaboration with a medical specialist Sonologist who will also produce the final report for your doctor.

## Preparation

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### **The exact preparation depends on the age of the child.**

The objective of the preparation is to have a reasonably full bladder at the time of the examination.

With young babies still requiring nappies there is no preparation required and we simply wait for the bladder to fill during the examination.

Toilet trained children should be given a cup or two of water or fruit juice half an hour before the examination and encouraged to refrain from going to the toilet.

It is not appropriate for your child to be in physical discomfort with an overfull bladder as this is unpleasant for them and detrimental to the quality of the examination.

Please allow your child to go to the toilet and relieve some pressure if required.

We understand the anxiety an over full bladder brings and this is why we choose a relaxed approach to preparation.

## What happens during the scan?

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### **You will be able to accompany your child at all times.**

our child will be asked to lie down on an ultrasound examination bed with you by their side comforting them at all times.

The sonographer will discuss your child's clinical symptoms and relevant medical history with you. At Canberra Specialist Ultrasound we combine knowledge of your child's clinical history with our high quality imaging to maximize the diagnostic value of each examination. It is important that you communicate any areas of pain or concern to the sonographer so they can tailor the examination to your child's symptoms.

Warm gel is applied to the abdomen and a small hand held probe is moved over the abdomen to produce images of your child's internal organs.

If the bladder is full the sonographer will examine it first allowing your child to empty it as soon as possible.