

## Study Information Sheet

### A multicentre study of SARS-CoV-2 infection in children with cancer, immunodeficiency or following stem cell transplant

Since the identification of a novel coronavirus SARS-CoV-2 in December 2019 and its associated respiratory disease named COVID-19, the virus has gained worldwide attention. To date, many studies have described the presentation, outcomes and risk factors for severe disease in adult patients. While the exact reason is unknown, it appears that children are less frequently impacted by the virus with fewer and less severe infections reported than in adult patients. However, the impact of COVID-19 on higher risk groups such as children with cancer, following stem cell transplant or with other forms of immunocompromise, remains unknown.

In collaboration with the Murdoch Children's Research Institute (MCRI) and the Australian National Centre for Infections in Cancer (NCIC) this project aims to evaluate the symptoms, signs and outcomes of COVID-19 in children with cancer or other forms of immune suppression. We will collect de-identified information (such as type of symptoms, need for hospital admission and outcomes) on known episodes of COVID-19 in children with cancer across Australia and New Zealand. A number of other international sites will also take part to ensure that we can gather accurate and reliable information of COVID-19 as quickly and efficiently as possible.

The project is endorsed by the Australian and New Zealand Children's Haematology Oncology Group (ANZCHOG) and the following sites are involved:

- Queensland Children's Hospital, Brisbane
- Sydney Children's Hospital, Sydney
- Children's Hospital at Westmead, Sydney
- John Hunter Children's Hospital, Newcastle
- Royal Children Hospital, Melbourne
- Monash Children's Hospital, Melbourne
- Royal Hobart Hospital, Hobart
- Women's and Children's Hospital, Adelaide
- Perth Children's Hospital, Perth
- Starship Children's Hospital, Auckland
- Christchurch Hospital, Christchurch

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