## GENOMICC ACUTE - Participant information sheet for child under 12

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### Introduction

Parents and carers are asked to go through this information with their child. Please ask the study staff if you or your child has any questions.

### What is the study about?

We want to find out what makes some people much more seriously ill than others when they have an infection (for example, flu) or bad injury.

Our bodies are made out of tiny building blocks called cells, and the cells are told what to do by something called DNA, which acts like a long list of instructions to make you just the way you are. One of these instructions is what makes some people get more badly ill than others. It is not always easy to find one instruction because the list is so long and complicated, but by looking at lots of people’s DNA we think that we can find that instruction. If we can find the instruction, we hope that will help us find better treatments for the people who get really badly ill. We can find out even more by looking at other things happening in the body at the same time by studying other cells of the body.

### what does this mean for me?

To look at your DNA and other cells we would need to take a small amount of your blood (this would be taken from a line already there for your treatment, so it would not make you sore). We would take the same amount as 4 teaspoonfuls. We would also like to look at your medical record (which has some facts about you and any illnesses you have seen a doctor about) for useful information to store with your sample.

### do i have to take part?

No. It is up to you and your parents to decide if you should take part. If you do not want to be involved, then you do not have to. Either way, the doctors and nurses will still take care of you.

### What will happen to the samples?

We will take the DNA from your sample and compare it to other people’s, using the information we know about you and them to get the best results. We will also look at other cells in your blood to see how they are behaving. These samples, along with your DNA will help provide a picture of what is happening within the body and might help us learn why some people become very sick.

We would also like to keep your sample so that it can be used in future research. All information about you will be kept private.