

**Diagnosis and Management of Febrile Illness using
RNA Personalised Molecular Signature Diagnosis**

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Participant information sheet for children aged under 12 years

We would like to tell you about our project. It is called 'DIAMONDS'. It is a research study, which means we are trying to find out answers to questions.

Why are we doing it? Our main question is about children who have a fever or other similar symptoms. A fever is a high temperature which can be caused by an infection but sometimes fever is caused by something else. We want to make a new test that can tell us the cause of your symptoms. If we know the cause, it's easier to give the right treatment to make you better.

Why are we asking you to join in? You have come to hospital because you are unwell and you are going to have a blood test. We are inviting lots of children who are having blood tests to take part. Some children will be unwell, maybe with a high temperature and some children will be well. We want to compare unwell children with well children.

What will happen if I take part? If you have a blood test, we will keep a bit extra for our project. You will still only have one blood test. If you have blood tests on other days while our project is still running, we may ask if we could keep a little extra blood for our project at those times. If you are having other tests done, for instance on your urine (wee) or faeces (poo), we may keep a bit of those too. We may also ask if we could take a swab from the back of your mouth.

Do I have to take part? No – it is up to you. If you want to take part, you can sign a form to let us know you think it's OK. Whatever you decide, you can change your mind any time: just tell your parents or one of the nurses or doctors, and that will be fine.

What will happen to my blood samples? We are collecting samples from children from Europe, Africa and Asia. When we have collected samples from lots of children we will use them to discover a test that tells apart children with different types of illness, such as children with an infection who need treatment with antibiotic medicine.

Will joining in help me? Our project will not be able to help you during your illness now, but in the future it may help children who get ill.

Is there anything to worry about? No. Blood tests aren't very nice, but we will only take a small extra amount at the same time as your normal test, so it won't be any worse for you. If you agree to take part please tell your parents if you are unhappy about the way that you have been treated in the study.

Thank you for reading about our study

