



Platelet dysfunction and cardiovascular disease following paediatric burns

Child Information Sheet

Perth Children's Hospital, Burn Injury Research Unit (UWA), Cardiovascular Research Group (UWA)

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Why are we doing the study?

So that we can understand what burn injuries do to two types of cell in the body: platelets and endothelial cells (these are cells that cover the walls of blood vessels).

Who is carrying out the study?

This is being done by Professor Fiona Wood's team at the University of Western Australia, with help from Professor Daniel Green's team

What will the study tell us?

How burns affect platelets and endothelial cells. We would like to know if a burn makes these cells more reactive, as we think this might be important for understanding why some children have extra medical problems after their burn.

Do you have to take part?

No, just tell us if you don't want to. That's fine.

What will you be asked to do if you decide to take part in this study?

We will ask you to provide **two blood samples** (about a teaspoon each time) **four weeks** and **six weeks** after your burn.

We will ask you to let us take an **ultrasound of your arm** to look at your **blood vessels**. (You might have heard of an ultrasound before – it's what they use to take images of babies when people are pregnant. We can use them to painlessly look inside of people).

We will ask you to let us take a **urine sample**.

We would also like to **cut a small section of hair from the back of your head**.

We need you to provide blood samples and to sit for the ultrasounds in order to get the data we need for this study, but you can choose if you want to provide a urine or hair sample. Other information is taken from your medical notes, and we might have to ask one or two extra questions of you or your Mum/Dad/guardian.

Is there likely to be a benefit to me?

Probably not.

Is there likely to be a benefit to other people in the future?

Yes. Hopefully this will help other people who have had a burn like yours in the future.

What are the possible risks and/or side effects?

If we take a blood sample there is a risk of a bit of bruising.

What are the possible discomforts and/or inconveniences?

Blood tests can be a little bit painful, and they might cause a bruise. If you would like, you can ask the nurse or doctor for a numbing cream that may help. When we do the ultrasound we will need to use a blood pressure cuff (a really tight armband) for about 5 minutes, which might be a bit uncomfortable and cause some “pins and needles”. These will go away very quickly. Some people don’t like collecting urine samples, or having their hair cut – you don’t have to provide those if you don’t want to.

Where is your information kept?

It is kept on computers at Perth Children’s Hospital and the University of Western Australia.

What about my privacy?

The computer is protected with a password. So are the files that have any of your information in them. Passwords are only given to the people who run the study.

Who has approved the study?

This has been approved by an Ethics Committee at Perth Children’s Hospital. An Ethics Committee is a group of people who are able to let the study happen or not happen, depending on whether they think the study is worth doing and is ok to do from your point of view.

Who to contact for more information about this study:

If you would like any more information about this study, please do not hesitate to contact a member of the research team. They are very happy to answer your questions. The switchboard number at PCH is 6456 2222 and you can ask to speak to one of the following: Professor Fiona Wood (Director of the Burn Service), or Dr Mark Fear (Study Coordinator).

Who to contact if you have any concerns about the organisation or running of the study:

If you have any concerns or complaints regarding this study, you can contact the Executive Director Medical Service at Perth Children’s Hospital (Telephone No: (08) 6456 2222). Your concerns will be drawn to the attention of the Ethics Committee who are monitoring the study.

What to do next if you would like to take part in this research: If you would like to be included in the study, please tell us.

THANK YOU