

### **Why will it be helpful?**

The bone marrow inside the bones is extremely valuable to the University team. From it, stem cells can be isolated that are essential for their research. Without bone marrow stem cells these investigations cannot be carried out. We cannot promise the study will help you but the information gained may improve treatments available for people with bone diseases and breakages in the future.

### **How will it affect you?**

This will in no way affect you or your treatment. No additional people will be involved in your care. The only information that will be available to the researcher is your age, sex and any history of bone-related disease. You will not be identified by name. Your samples cannot be used for diagnostic purposes. The extracted cells will be cultured in the laboratory generally for about 1 year after which they will be destroyed. Alternatively, with your consent, some of the cells may be treated so that they do not get old and can be kept for much longer periods of time in the lab before destruction at the end of the research study. Any findings will be published in recognised peer reviewed journals. If you wish to find out more please contact Dr Paul Genever, Department of Biology, University of York ([www.york.ac.uk/depts/biol](http://www.york.ac.uk/depts/biol)).

### **Do you have to take part?**

No. Taking part in this research is entirely voluntary. If you do decide to take part you will be given this information sheet to keep and you will be asked to sign a consent form. You are free to withdraw at any time and without giving a reason. This will not affect the standard of care you receive.

All research in the NHS is looked at by independent group of people, called a Research Ethics Committee to protect your safety, rights, wellbeing and dignity. This study has been reviewed by York Research Ethics Committee.

**If you are happy to let us use the bone removed during your operation, please sign the consent**

**Thank you for your help**