

### You will be asked to declare:

- That you have read, understood and completed the Bone Bank health screening questionnaire and that all the information you give is true and accurate to the best of your knowledge
- That you have read and understood this leaflet
- That you understand the nature of the donation process and intended use of your donated bone

### You will be asked to give consent:

- To have your blood tested for HIV/ AIDS, HTLV (a virus carried in blood), Hepatitis A, Hepatitis B, Hepatitis C and Syphilis- one sample at the time of your surgery and the second at least six months later, and
- For your permission for us to obtain any relevant medical, surgical or x-ray notes relating to your health as a bone donor.

If you become unwell or develop any illness after donating or have any doubts about whether your bone should be used for patients, please contact the Bone Bank.

We would also like our donors to know that at times their bone is not used. This may happen if the donation was not completed or if the donation is not used before its expiry date.

We sometimes use this bone for laboratory work, education and training, or for research and development. The Bone Bank does not receive any payment for this service.

We will ensure that approval from an Ethics Committee is obtained where necessary.

Using bone in all of the above ways is of benefit to other patients. By signing the questionnaire and consent forms, you are giving consent to proceed with the donation and that your donation may be used for any of the purposes outlined above and if not used will be discarded as clinical waste and incinerated according to Hospital policy.

### Data Protection and use of personal data

The Bone Bank is committed to protecting the confidentiality of our donors and to meeting our responsibilities under Data Protection Legislation. To understand how we are processing your personal data please refer to the Bone Bank Privacy Notice which can be found in the Bone Bank section on [www.nohc.ie](http://www.nohc.ie).

Should you or your family have any questions about bone donation before or following your surgery, please contact the Bone Bank in the Hospital or at the numbers below.

**Thank you for considering donating bone to the Bone Bank.**

#### NOHC:

01 834 1211 / 01 8140 337

#### Croom:

061 397 276 / 061 485 478

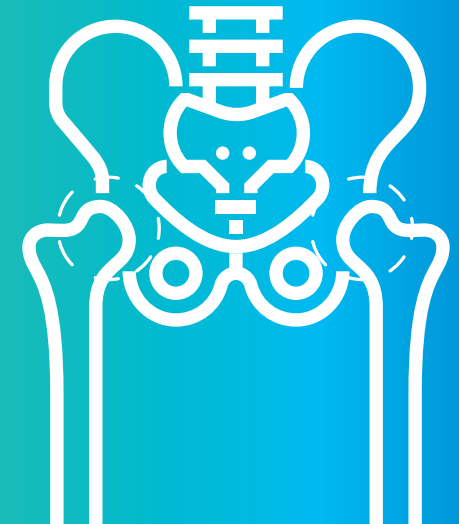
#### Navan:

046 902 1210 / 046 907 8557

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# Bone Bank Information Leaflet



Your bone donation could help another patient requiring limb reconstruction surgery.

## **This leaflet has been jointly produced by the Bone Bank of the National Orthopaedic Hospital Cappagh (NOHC), Navan Bone Bank and Croom Retrieval Centre**

In line with our commitment to enhancing our service to bone donors and our obligation to comply with EU regulations we ask you to read this information carefully.

The Bone Bank is a service in these hospitals which collects donated bone, stores it and issues it for use by the Orthopaedic Surgeons for other patients who need bone grafts. Together we are a Tissue Establishment licenced by the HPRA.

### **Who can donate bone?**

Patients who are undergoing Total Hip Replacement can donate their femoral head. This is the piece of bone which is going to be removed and replaced with a new total hip replacement.

### **Where does the bone come from?**

As part of all total hip replacement surgery the femoral head is removed and replaced with a new artificial hip joint. The piece of bone removed is the femoral head, often described as is the ball of the joint. This piece of bone is usually discarded as clinical waste but we can, with your permission, keep it and use it, as bone graft to benefit another patient.

### **Do you need this bone yourself?**

No. This bone is not needed following a total hip replacement.

### **What good is the bone to anyone else?**

The surface of your femoral head is worn and damaged as a result of osteoarthritis. This is causing you pain and stiffness, however underneath the surface there is good quality bone remaining. This bone can be used as bone graft for another patient. It could give someone else's bone a support structure to help it to strengthen itself. This would give them a better quality bone.

### **Why do they need this bone?**

Some patients have poor quality bone or have lost bone. To improve the quality of their bone or replace it, their Orthopaedic Surgeon may require a piece of bone graft. Your donated bone graft helps theirs to produce better bone. You are not saving their life, like a blood donation will, but you will make a difference to the quality of their life.

### **Would your bone be suitable?**

Not all bone makes good bone graft and not everyone is suitable to become a bone donor. Some people may have a medical condition or have been taking medication, that makes them ineligible to become a bone donor. For example patients with Rheumatoid Arthritis, some chronic illnesses or who have been treated for cancer, needed a blood transfusion or treatment with a blood product, are ineligible to become a bone donor. Travel to certain countries, exposure to certain infections or some surgical procedures may also exclude a donor.

For example, someone who has had Hepatitis or Tuberculosis, would not be suitable to donate. You should not donate if you have ever been informed that you are at increased risk of developing CJD or vCJD.

A person cannot donate bone if their sexual or social behaviour puts them at high risk of acquiring severe infectious diseases that can be transmitted by blood or bone. Anyone who may have now, or ever had, a history of the following infections:

**Hepatitis B / Hepatitis C / HIV 1/2 / HTLV I/II / Syphilis / Gonorrhoea** will be ineligible to donate bone.

### **What is involved in donating bone?**

To keep your femoral head, we need your written permission. There is a questionnaire to complete. This is to keep bone donations safe and exclude the possibility of transmitting any infections. We are also obliged to test your blood twice for liver and sexually transmitted diseases. Currently the mandatory tests are those for HIV/ AIDS, Hepatitis B, Hepatitis C, HTLV (a virus carried in the blood) and Syphilis. We need your written permission to do these blood tests. The first blood test is taken when you come in for your surgery, the second at least six months later at an Out Patient Review Clinic. If you proceed to donate you must be prepared to complete the donation process by attending for the second blood test, as the donation cannot be used until this is completed.

### **Test results**

You will not be notified of the results of these blood tests unless something positive is found, in which case we will write and inform you and you will be seen and advised by a specialist. Your bone donation will be discarded if your blood test gives a positive result for any of the above infections. The Bone Bank is legally bound to inform the Public Health Authorities if your tests confirm that you are positive for HIV/AIDS, Hepatitis B or Hepatitis C or Syphilis. We are obliged to forward your personal details including your name and address and the results of your blood tests.

### **Should you donate your bone?**

This is entirely your own decision. Your donation is voluntary. You do not need this bone yourself any longer. There is no obligation on you to do so, but if you do wish to donate it, we will be able to help someone else with it. On their behalf, we are grateful for your donation and thank you for thinking of helping another. If you are accepted for donation but decide, for whatever reason, not to donate, you can change your mind at any time. There is no pressure to donate. We simply ask that you contact the bone bank.

### **How do you give your consent to donate your bone?**

When you are seen in the Pre-Assessment Clinic or admitted for surgery, the Bone Bank nurse will see you. If you do not need to attend the hospital before your surgery date you may be contacted by phone to discuss bone donation. The Bone Bank nurse can answer any questions you may have about donating bone. If you are happy to do so, they will help you complete the Medical Screening Questionnaire and ask you to sign the Consent Form.

**All the information you give will be treated in the strictest confidence. All the information you provide is stored securely here in the Bone Bank Department.**