

Could you help us to understand how brittle bone disease affects muscles and tendons?

What is the aim of the study?

Osteogenesis imperfect (brittle bone disease) affects around 1 in 15,000 people in the UK, making bones brittle and more likely to break. We would like to recruit individuals with osteogenesis imperfecta type I aged 18-50 to help us understand how the disease affects the size and function of muscles and tendons. This may explain why people with the disease are also prone to other injuries and problems with their movement.

What does it involve?

You will be invited to our Central Manchester laboratory, where we will take pictures of your muscles, tendons and bones. We will also measure your strength, and how well you can balance and jump. This visit will last around 2 hours, and we will refund travel expenses.

Who is conducting the study?

The study will be conducted by scientists at Manchester Metropolitan University, in collaboration with clinical experts in brittle bone disease from Manchester Royal Infirmary. This study has been funded by the Brittle Bone Society.

How do I find out more?

Please contact Dr Alex Ireland via email at a.ireland@mmu.ac.uk or by phone on 0161 247 1987.

