

'Arthritis Research Needs You' is written and illustrated by Edward Ross (www.edwardross.co.uk). Professor Carl Goodyear and Dr Aurelie Najm at the University of Glasgow provided scientific advice.

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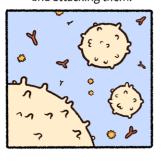








It's a condition caused by your body's immune system turning against your body - seeing the cells in your joints as the enemy, and attacking them.







This bitter war going on in your joints is what causes the pain, inflammation and stiffness that characterise Rheumatoid Arthritis.







Yes we are. I've got **Rheumatoid Arthritis**. Stiff joints in my hands, mostly.

Psoriatic Arthritis.
Comes with this
dry rash too,
unfortunately!

I've got Osteoarthritis.

Wear and tear on the cartilage in my joints is causing a lot of pain. Juvenile
Idiopathic
Arthritis for me.
It's been hard...
I had to give up
football and
everything!









As you can see, arthritis can affect anyone. There are treatments, but no cure.

And the treatments we do have don't work for everyone.

That's why I've come in to the clinic. Today I'll be giving a tissue sample to help **research** into future treatments...

...and maybe even finding a **cure**.







I can understand your worries! But let me talk you through the procedure, and see if I can put your mind at ease.



First, we scan one of your joints with an **ultrasound machine**. It's the same thing we use to scan a baby developing in the womb.

Perfect for seeing through skin and muscle to detect **inflammation** in the joint.



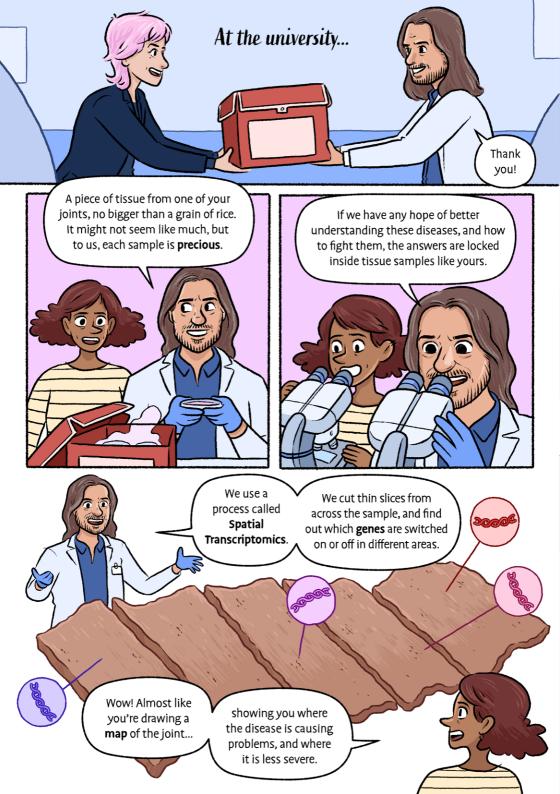
Once we've found the inflammation, we **numb** the skin and joint cavity, to make sure you don't feel anything.

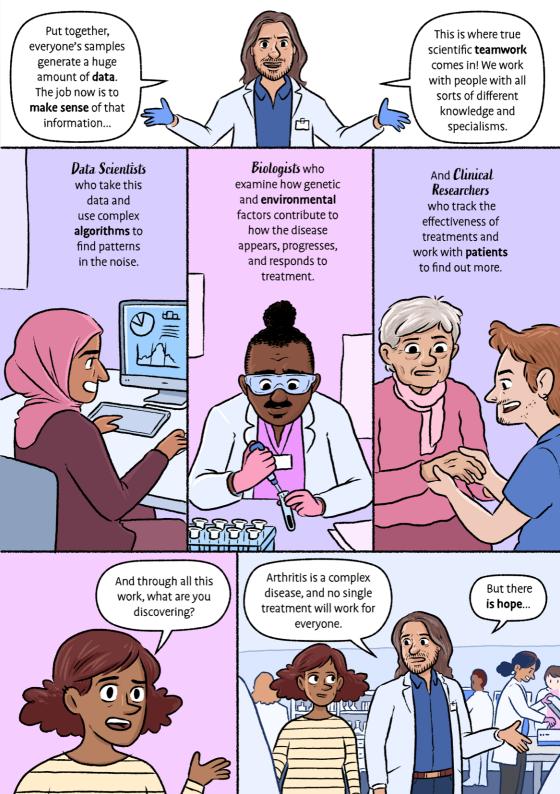


Don't worry, if you **do** feel any discomfort we can add more **anaesthetic** or stop the procedure at any time.













to ease the burden of living with arthritis. Research into arthritis is only possible because of patients like Alice who have volunteered to take part in clinical research. If you're interested in taking part yourself, ask your rheumatology consultant or nurse who can tell you about any projects that you can join.

Alternatively visit our website to find out more about what we do, and read the comic online:



bit.ly/GAINcomic

If you have any feedback or would like to discuss anything related to this publication, please contact the Glasgow Arthritis Involvement Network (GAIN) Manager at gain@glasgow.ac.uk





Meet Alice, a woman living with arthritis, who is joining the fight back against this debilitating disease.

This illustrated story will guide you through the process of volunteering a tissue sample and contributing to the future of arthritis medicine.

To find out how you can take part yourself, visit:



bit.ly/GAINcomic

