



University of Dundee

The Brittle Bone Society

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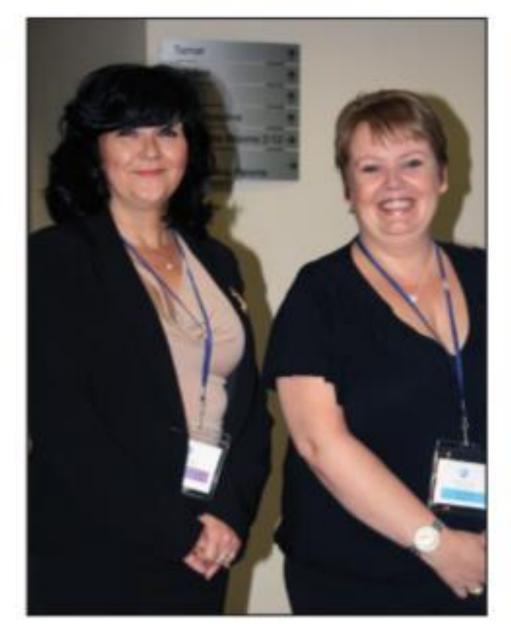
THE BRITTLE BONE SOCIETY Celebrating 50 Years

Learn about the history of the Brittle Bone Society and its founder, Margaret Grant MBE!

WELCOME TO THE BRITTLE BONE SOCIETY 50TH ANNIVERSARY COMIC!

The mission of the Brittle Bone Society is to improve the quality of life of people diagnosed with Osteogenesis Imperfecta and their families. We have raised millions of pounds over the years, provide funds for wheelchairs and equipment, hold events for families, and act as advocates for people with OI. We are also committed to raising awareness of Brittle Bone disease, and through our Medical Advisory Board and research grants programme, to advancing knowledge about the condition.

We are very happy to have worked with Dundee Comics Creative Space (DCCS) to produce this souvenir comic celebrating the history of the Society, with a focus on our founder, Margaret Grant MBE. and the experiences of members.



We hope you enjoy this comic,

Elaine Healey (Chairperson) & Patricia Osborne (CEO) Brittle Bone Society.

CONTENTS

Margaret Grant MBE and the History of the Brittle Bone Society
Osteogenesis Imperfecta Information
The Meet Up - a story inspired by the experiences of BBS members
Contributor Biographies

Edited by Golnar Nabizadeh, Phillip Vaughan and Chris Murray. Written by Chris Murray.

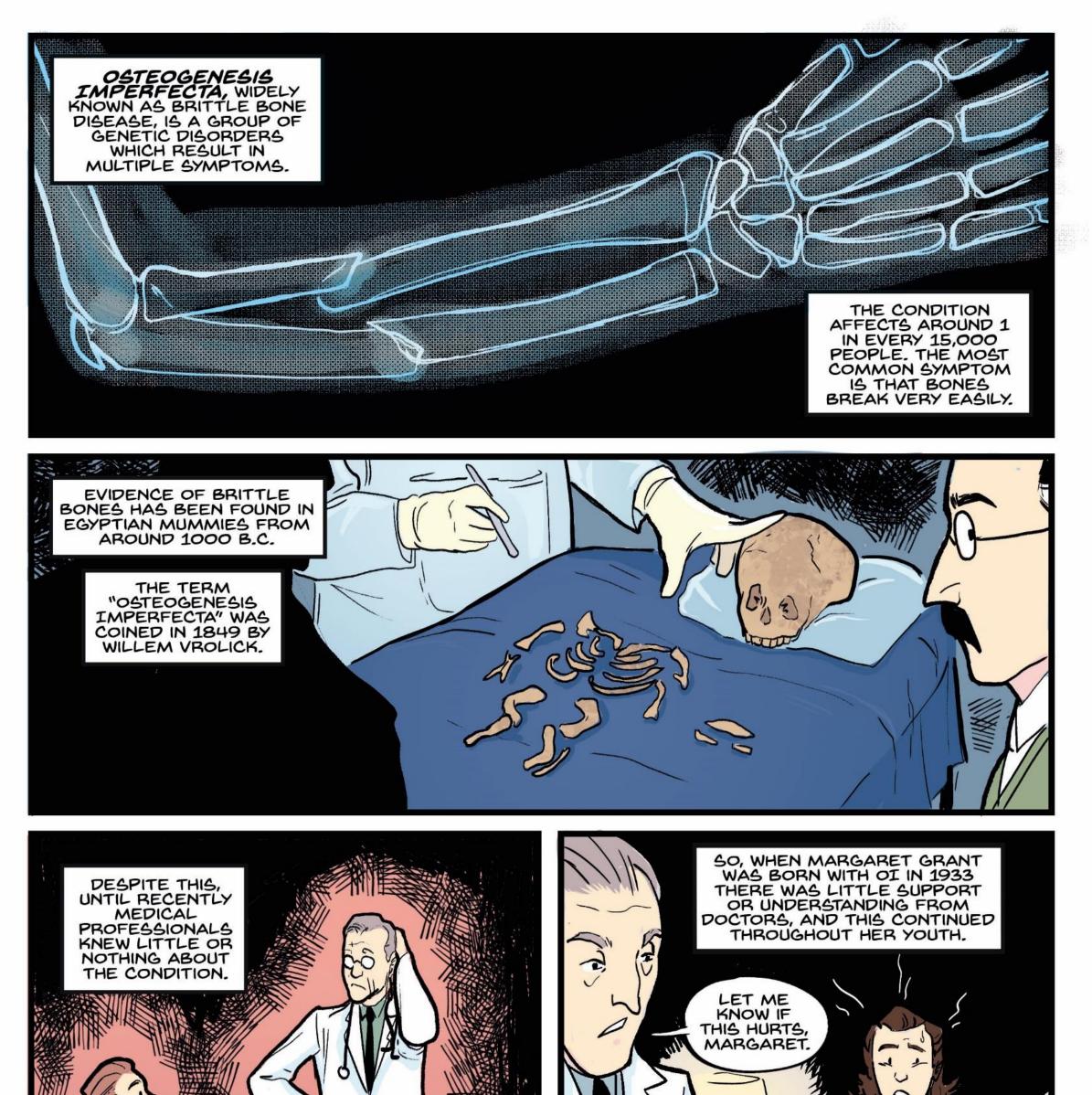
Artwork by Elliot Balson. Colours by Catriona Laird. Production by Damon Herd.

With thanks to Patricia Osborne, Coreen Kelday, and staff and volunteers at The Brittle Bone Society plus The Board of Trustees at The BBS.

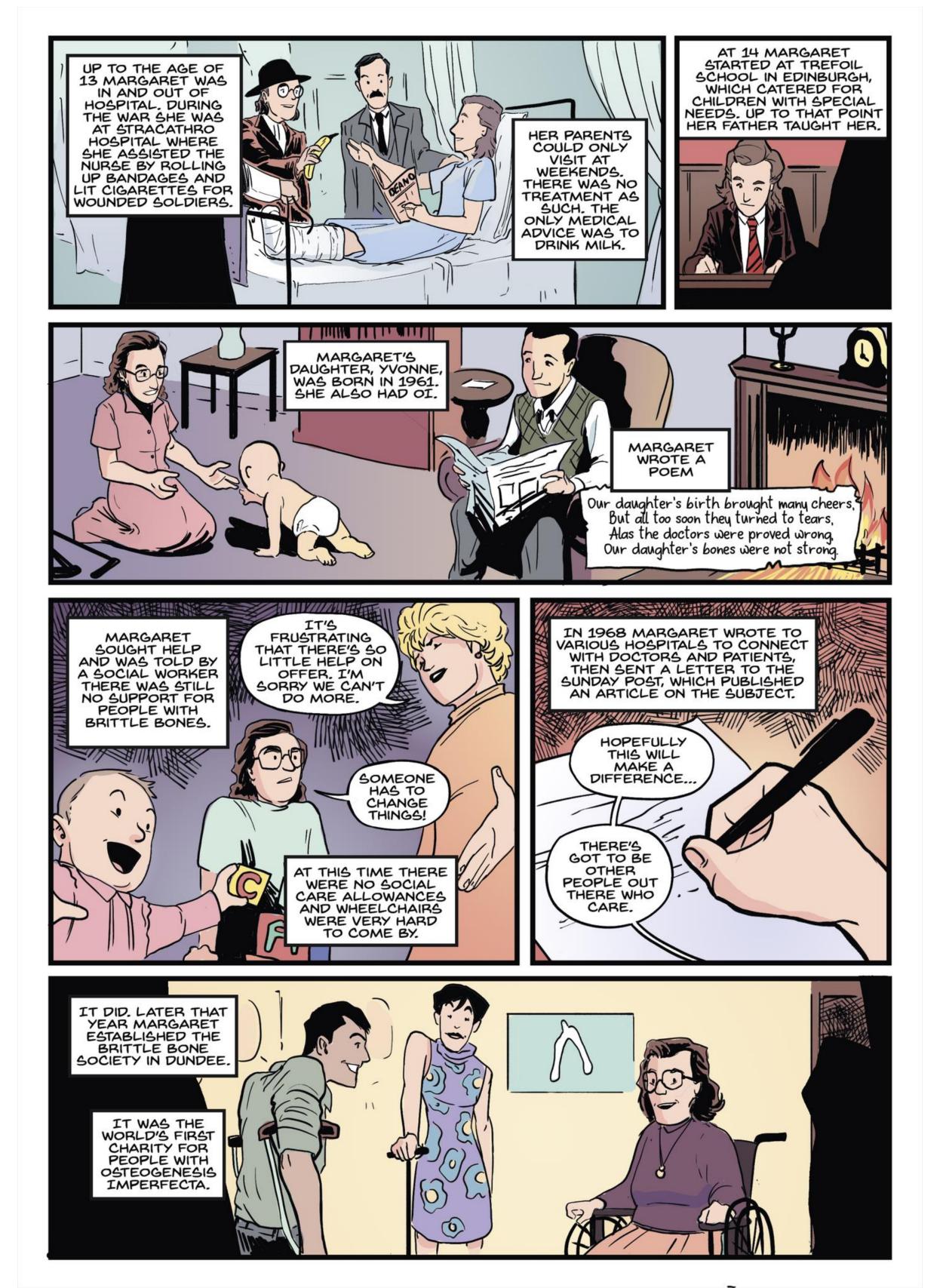
Brittle Bone Society charity registration no. England and Wales 272100 and Scotland SCO10951

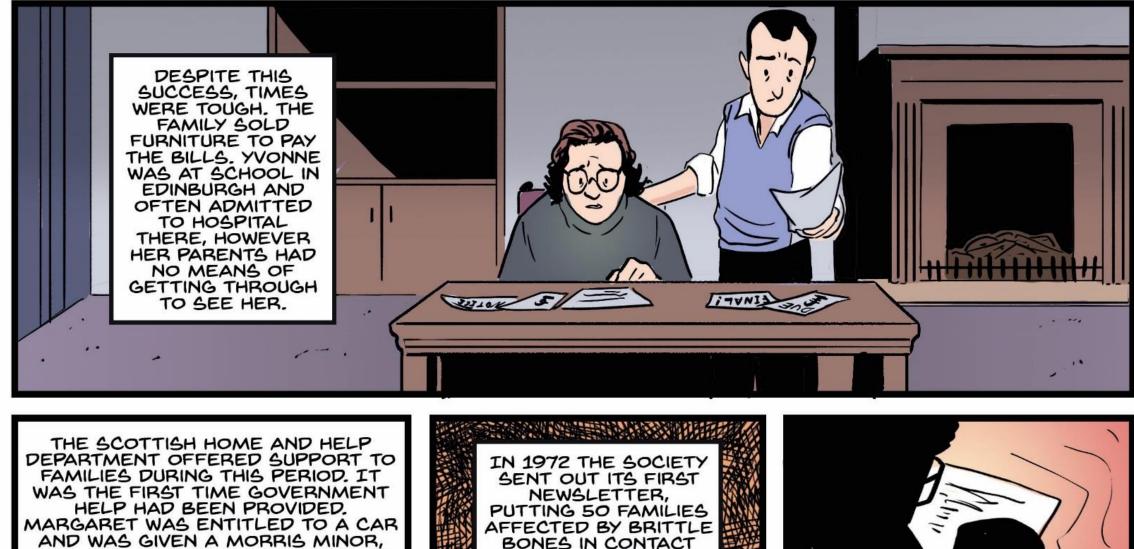


Brittle Bone Society 50th Anniversary comic published by UniVerse, the University of Dundee, Perth Road, Dundee, Scotland, UK, DD1 4HT, for The Brittle Bone Society, with production by INK POT Studio. All Rights Reserved. The narratives presented here are drawn from materials provided by the Brittle Bone Society and their members, and represent a fictionalised account of their history and the experiences of individual members. These stories have been approved by the Society. INK POT and Dundee Comics Creative Space are funded by The Rank Foundation.

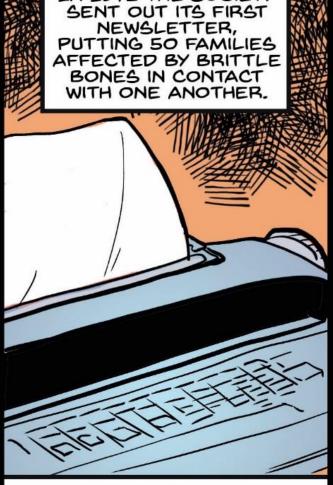








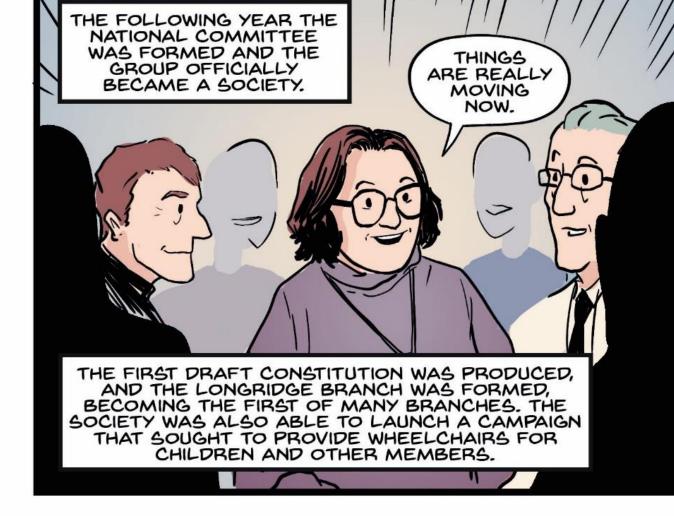




IN MAY 1973, IBM DONATED AN ELECTRIC TYPEWRITER TO THE SOCIETY, WHICH MADE A CONSIDERABLE DIFFERENCE. A SUPPORT NETWORK WAS NOW IN PLACE, ALLOWING THESE FAMILIES TO SHARE EXPERIENCES.

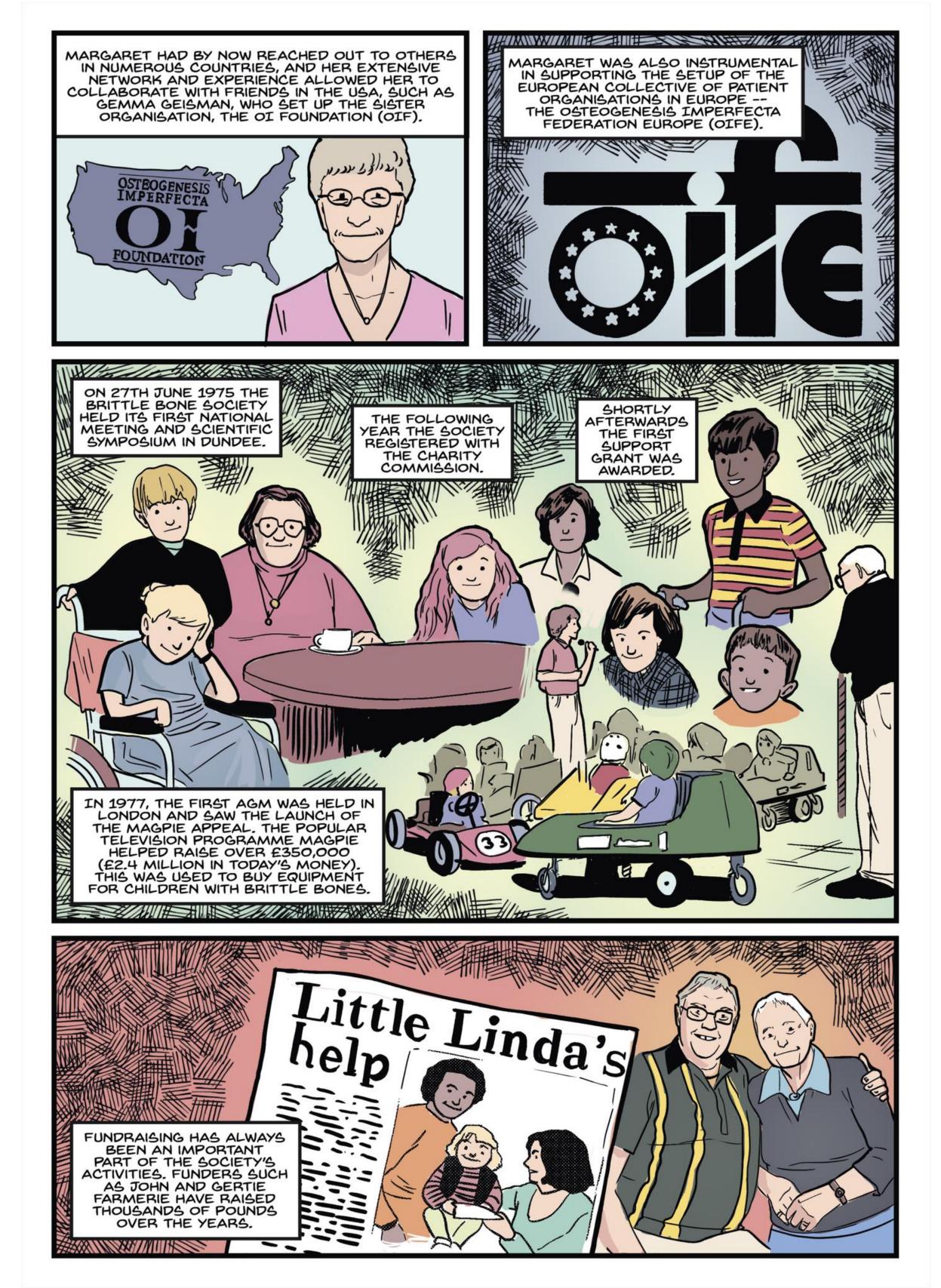


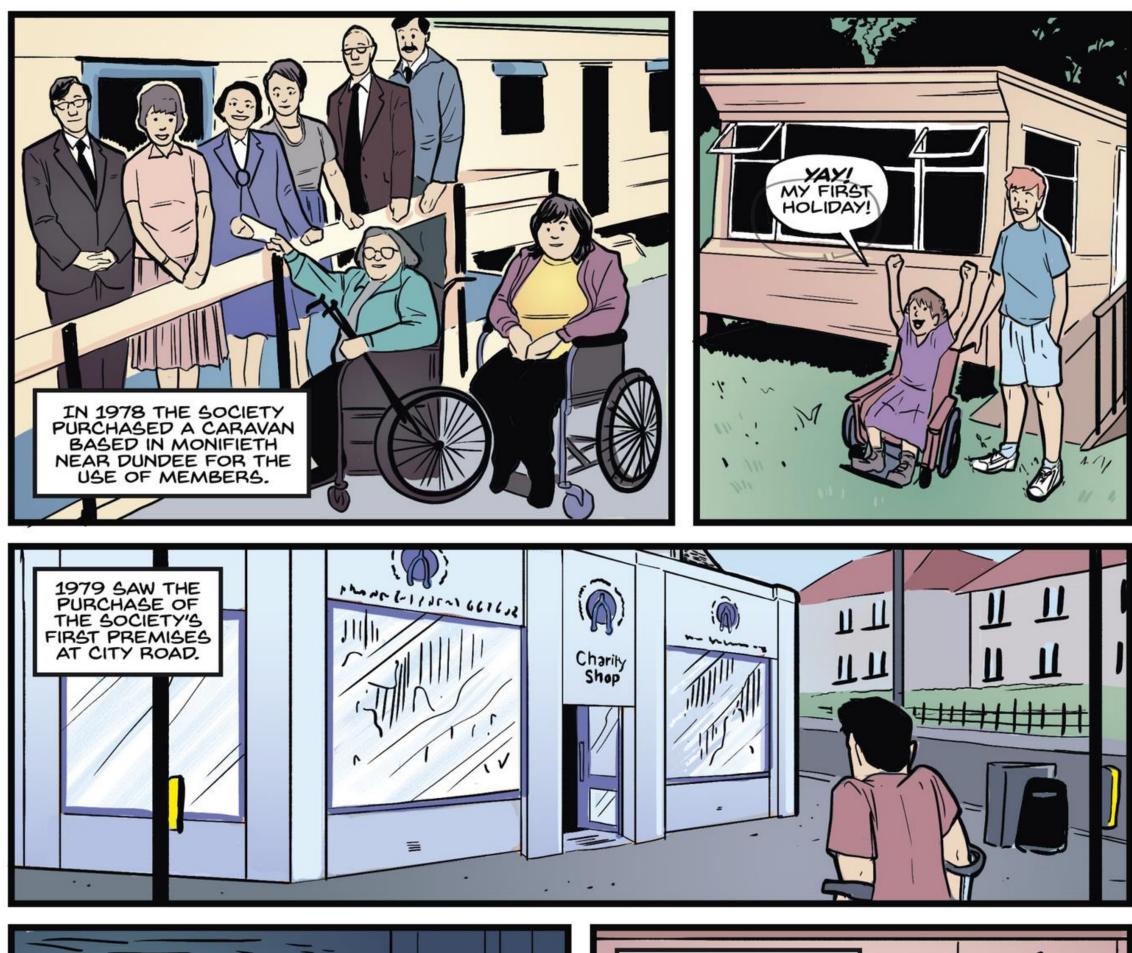
BY 1974 THE SOCIETY WAS MAKING GREAT PROGRESS. THE FIRST

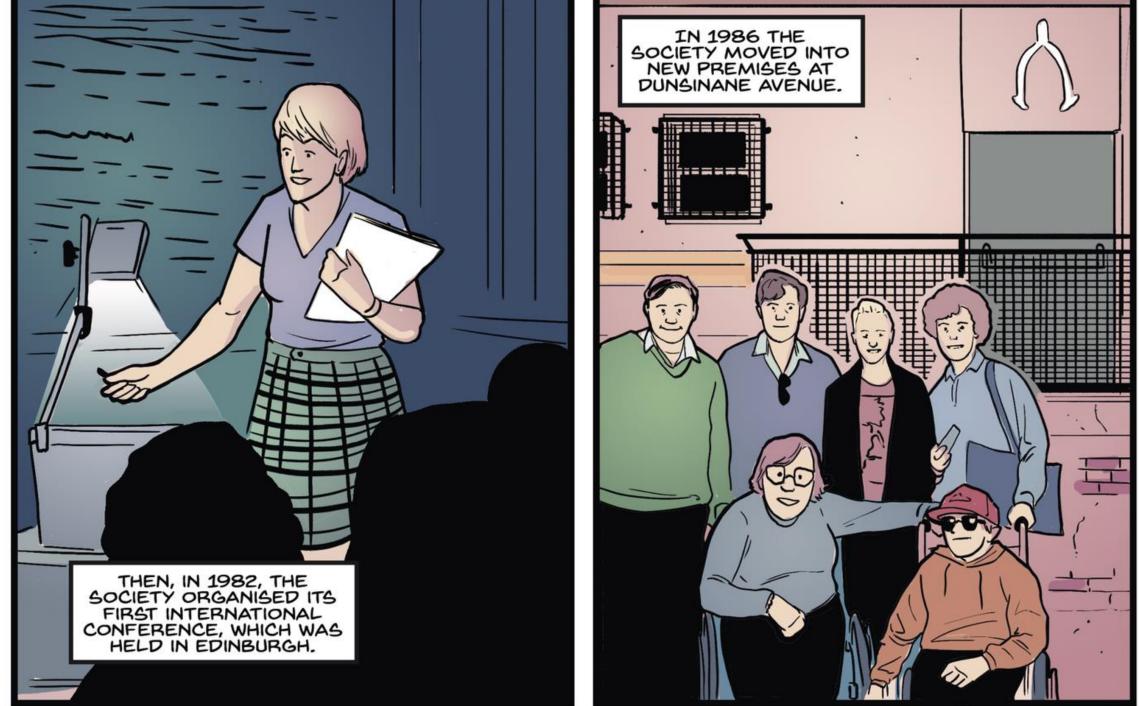


RESEARCH GRANT TO LOOK AT THE CONDITION WAS AWARDED TO DR ROGER SMITH AND DR MARTIN FRANCIS OF THE NUFFIELD ORTHOPAEDIC CENTRE, AND THE FIRST MEDICAL ARTICLE ON THE CONDITION APPEARED IN NOVEMBER 1974 IN THE MIDWIVES' CHRONICLE. IT EXPLAINED THE CAUSE, VARIETIES, INCIDENCE, CLINICAL FEATURES, AND MANAGEMENT OF OI.











HM Lond Registry

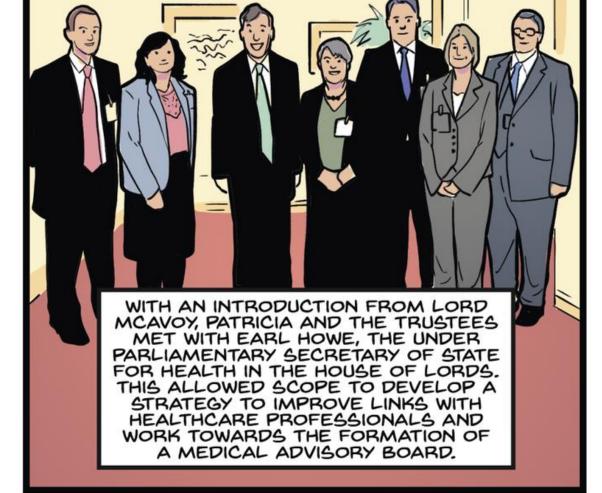
DEED

IN THE EARLY 19905 THE SOCIETY MOVED TO STRATHMARTINE ROAD, AND IN THE MID-905 PURCHASED PREMISES ON GUTHRIE STREET.

IN THE MIDST OF THIS THE YOUTH COMMITTEE WAS ESTABLISHED, PARTLY BECAUSE MANY MEMBERS OF THE SOCIETY HAD EXPERIENCED DIFFICULTIES IN SCHOOL AND THE SOCIETY WANTED TO RECOGNISE AND TACKLE THESE ISSUES.

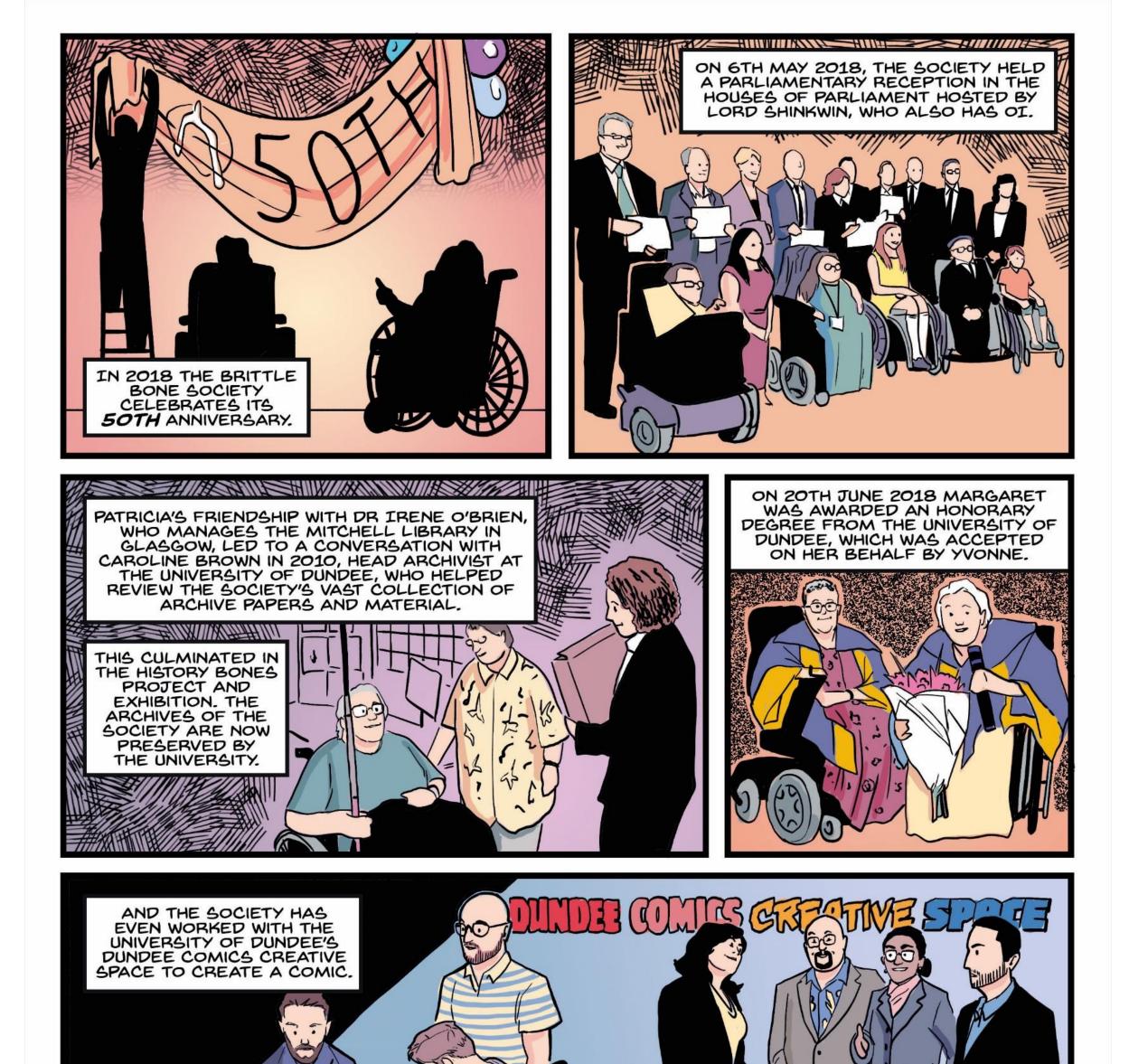


TRUSTEE BOARD, AND CHAIRPERSON ELAINE HEALEY PAID OFF WITH THE APPOINTMENT OF THE MEDICAL ADVISORY BOARD, AND THEN A RESEARCH COMMITTEE IN 2016, WHICH ARE BOTH COMPRISED OF LEADING HEALTHCARE SPECIALISTS IN THE FIELD OF OI.

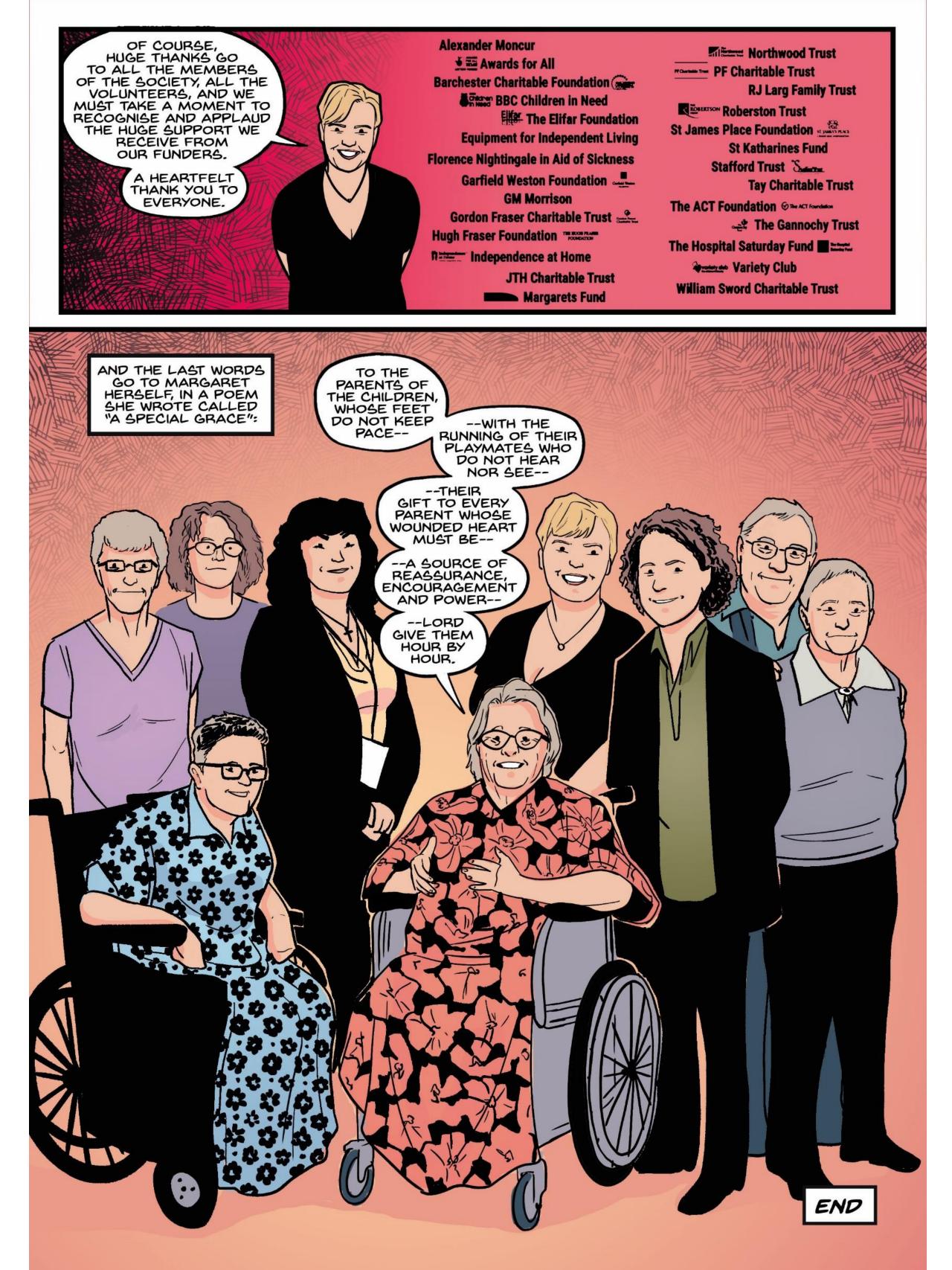




A RESEARCH GRANTS PROGRAMME WAS ESTABLISHED IN MAY 2017. PATRICIA AND ELAINE CONSIDER THESE ACCOMPLISHMENTS TO BE SOME OF THEIR VERY PROUDEST MOMENTS.







What is Osteogenesis Imperfecta?

Osteogenesis Imperfecta (OI) is a genetic bone disorder characterised by fragile bones that break easily. It is also known as brittle bone disease. A person is born with this disorder and is affected throughout their lifetime.

OI is a disorder of collagen, a protein which forms the framework for the bone structure. In OI the collagen may be of poor quality, or there just may not be enough to support the mineral structure of the bones. This makes the bones weak and fragile and results in the bones being liable to fracture at any time, even without trauma.

OI is a rare condition and it is estimated that the number of people born with the condition is approximately 1 in every 15,000: that equates to around 5000 individuals in the UK living with OI.

What causes the condition?

OI is caused by a genetic mutation that affects the production of collagen, which can be found throughout the body, especially in a person's bones and other tissues. A genetic condition such as OI can be hereditary and passed on from parents to children. Around 25% of children with Ol are born into a family where there is no family history of the condition. This occurs when the child has a "new" or "spontaneous" dominant mutation.

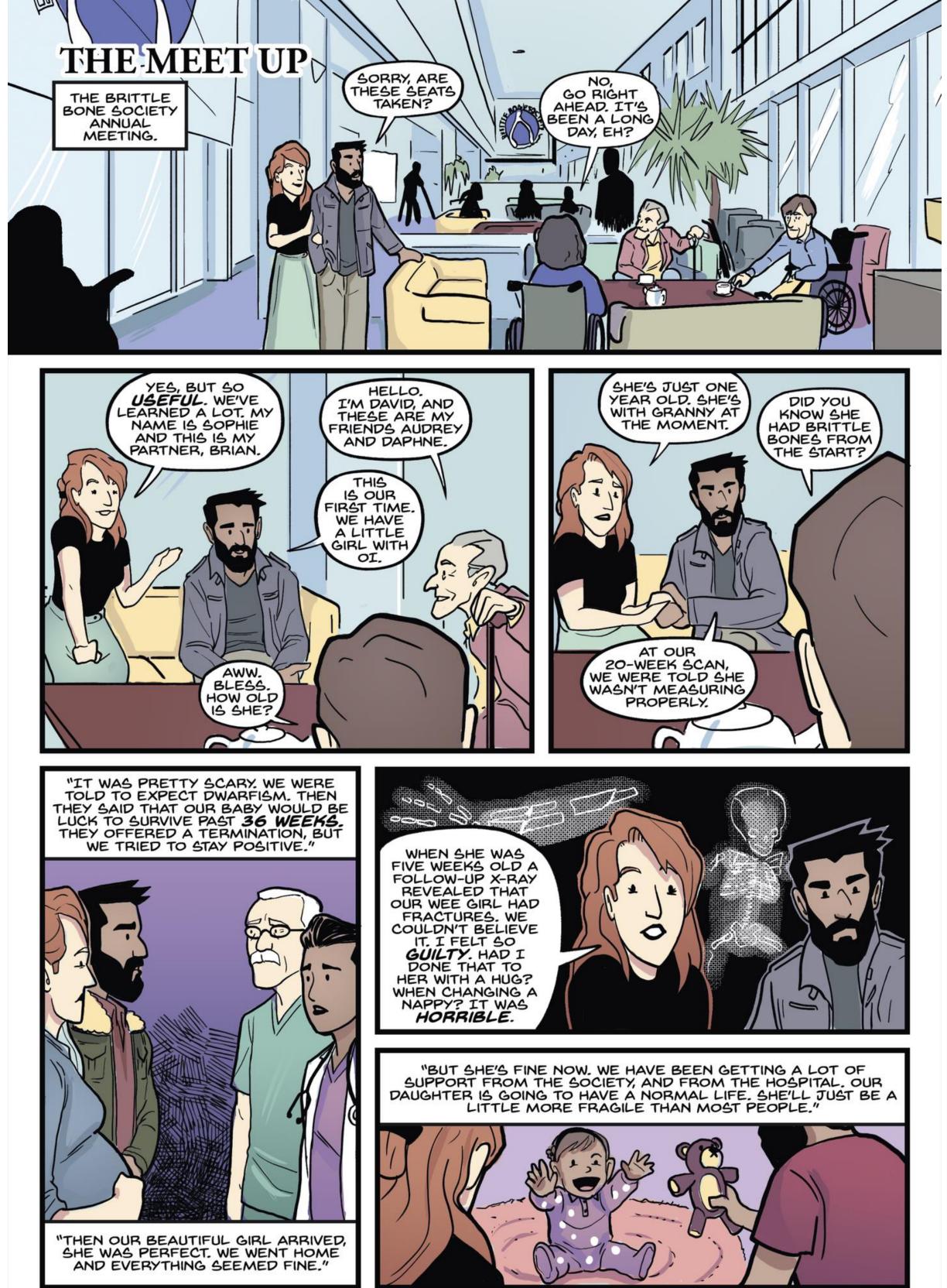
What are the symptoms?

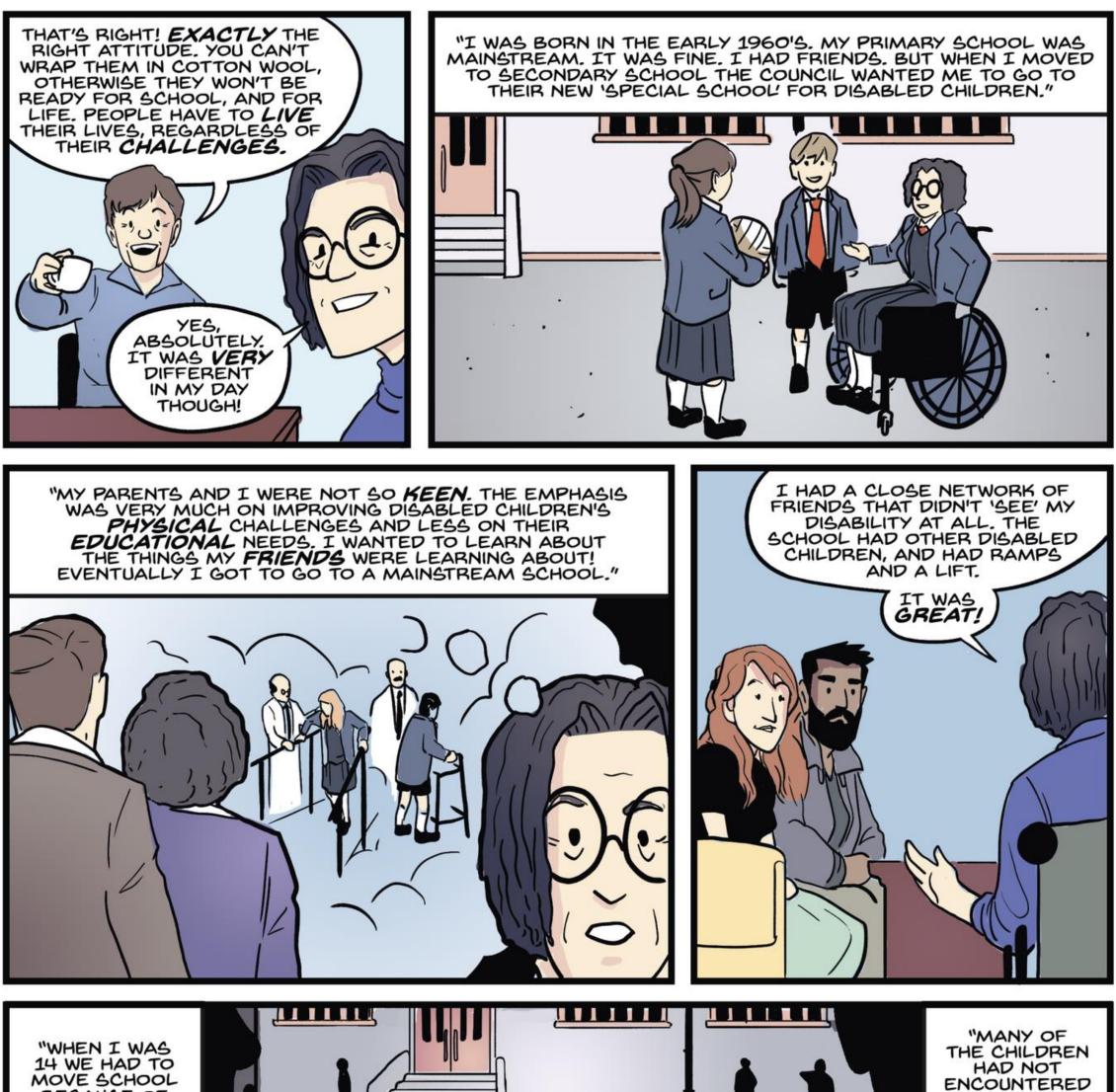
OI exhibits wide variations in appearance and severity, so a classification system has been identified to describe the different types of OI. Severity can also be described as mild, moderate, or severe. Some people with OI hardly have any symptoms, but in others, OI may lead to physical disability requiring the use of walking sticks, walking frames and wheelchairs.

As the composition of collagen in the bone is not correct, even when there are no fractures there will be other problems connected to the condition; such as the ligaments stretch more easily, joint hypermobility can significantly affect the quality of life as it results in fatigue of many muscle groups. As a result, the mobility and performance of ordinary tasks of everyday living are impaired. Other symptoms can be; hearing loss, fatigue, joint laxity, curved bones, scoliosis, blue sclerae, dentinogenesis imperfecta (brittle teeth), and short stature amongst other medical problems.

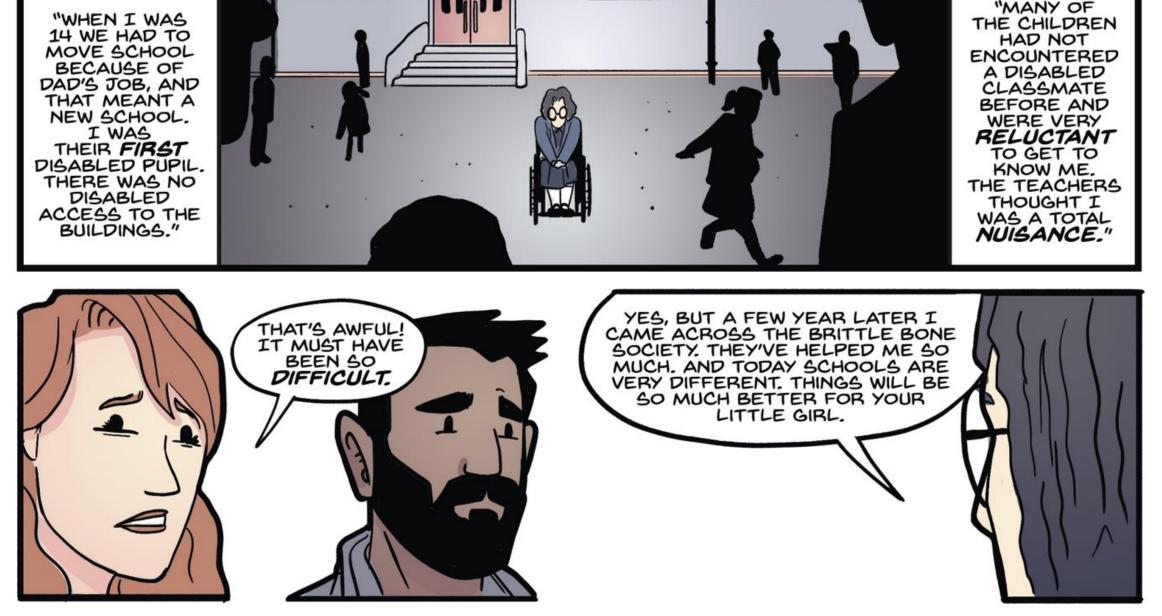


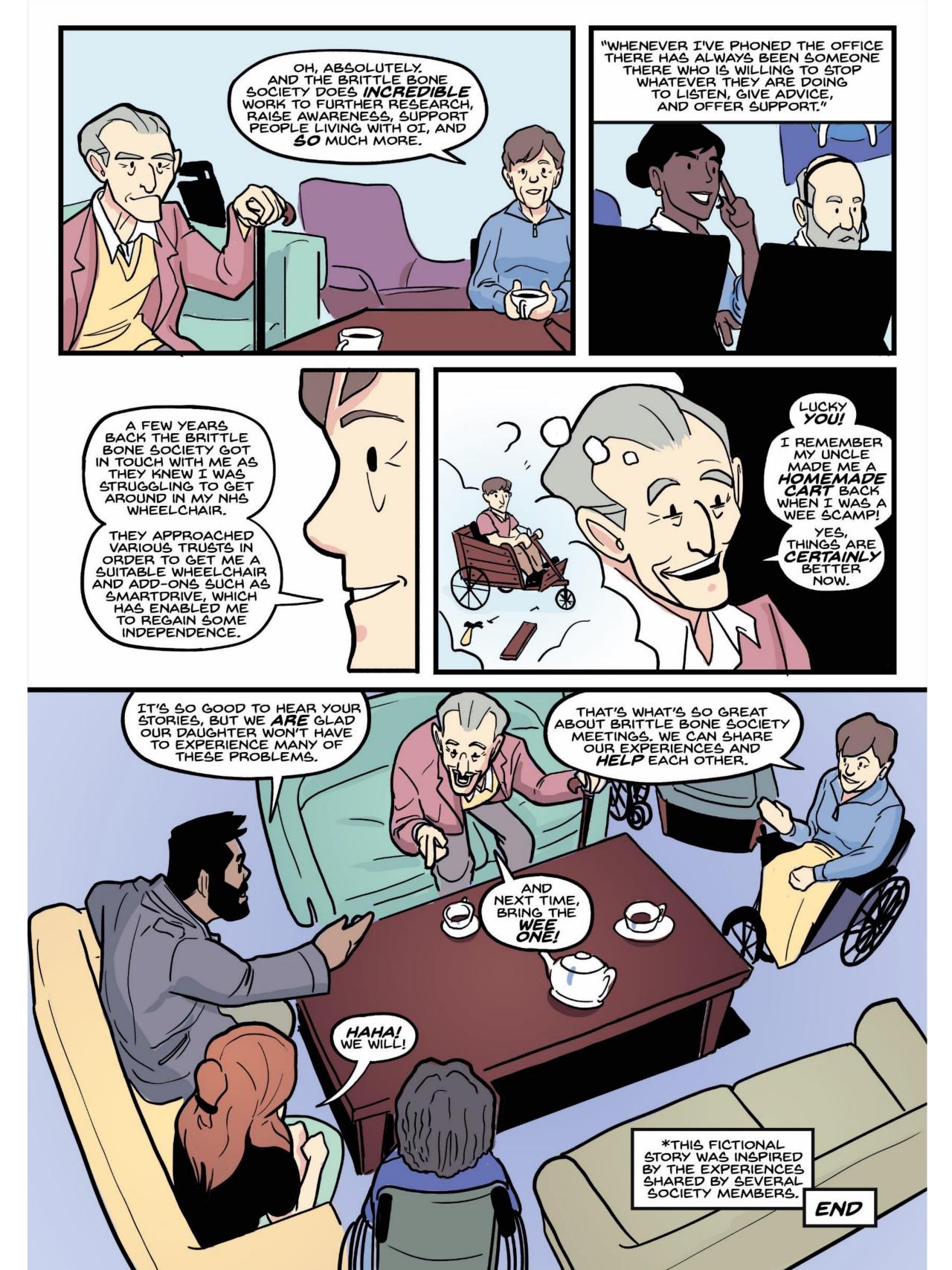
For more information see our factsheets and films on our website at: http://brittlebone.org/support/information-resources/





NEW SCHOOL.





Contributor Biographies



Professor Chris Murray is Chair of Comics Studies at the School of Humanities, University of Dundee. He is Associate Dean for Knowledge Exchange and Partnerships, leads the MLitt in Comics and Graphic Novels course, and is Director of the Scottish Centre for Comics Studies and Dundee Comics Creative Space. He has published on the British Superhero, Alan Moore and Grant Morrison, horror comics, comics and literature, and comics and propaganda. He is co-editor of *Studies in Comics* (Intellect) and Universe Comics, and Co-organiser of the International Comics And Graphic Novels Conference. He has written and produced several public information comics for research and engagement purposes.



Elliot Balson is a Dundee-based comic artist. His work can be found in various UniVerse publications, Comichaus, and an upcoming anthology called Masks. He is currently working on his own series, Untethered, with writer Umar Ditta.



Catriona Laird is a Scottish illustrator and comic artist based in Ink Pot Studio in Dundee. She was winner of the SICBA award for Up and Coming Talent 2017 and nominated for Best Artist, Best Writer and Best Single issue for her comic *Stinger*. In 2018 Catriona was nominated for best artist for her ongoing webcomic *Chimerical*. Catriona is currently working on the upcoming graphic novel Nasty Girls with writer Erin Keepers and publisher George Lennox.



Dr. Damon Herd is the Coordinator of the Dundee Comics Creative Space. He is also an artist and researcher with a PhD in Comics from the University of Dundee. His research area is autobiographical comics, performance, and the games authors play with truth. He is the founder of DeeCAP (Dundee Comics/Art/Performance).



Dr. Golnar Nabizadeh joined the University of Dundee as Lecturer in Comics Studies in September 2016. Her research focuses on comics and visual studies and particularly on representations of trauma, migration, and memory in these fields. Golnar received her PhD in English and Cultural Studies from The University of Western Australia, and has a monograph forthcoming with Routledge entitled *Representation and Memory in Graphic Novels*.



Phillip Vaughan is a Senior Lecturer and the Course Director for the MSc in Animation & VFX and the MDes in Comics & Graphic Novels programmes at the University of Dundee. He is also the creator and coordinator of the Level 3 Comic Art & Graphic Novels module at Duncan of Jordanstone College of Art & Design. In 2015 he became the Art Director of the Dundee Comics Creative Space. He is Co-Investigator on the ESRC funded project: Comic conventions: Words and Pictures: Understanding how people gather information conveyed jointly through text and image in comics. He also co-edits and produces UniVerse Publications titles such as Anthology and The Masters of UniVerse, which publishes work by comics students and is the Art Director of the Scottish Centre for Comics Studies and also DiamondSteel Comics Saltire series.

With thanks to Patricia Osborne, Coreen Kelday and the Brittle Bone Society.

