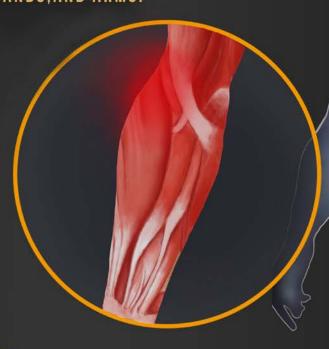


PERIPHERAL NEUROPATHY, ALSO CALLED NEUROPATHY, IS

PERIPHERAL NEUROPATHY AFFECTS THE NERVES IN YOUR TOES, FEET, LEGS, HANDS, AND ARMS.





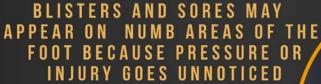
IT MAY ALSO CAUSE MUSCLE
WEAKNESS AND LOSS OF
REFLEXES, ESPECIALLY AT THE
ANKLE, LEADING TO CHANGES IN
THE WAY A PERSON WALKS

IF AN INFECTION OCCURS AND IS NOT TREATED PROMPTLY, THE INFECTION MAY SPREAD TO THE BONE AND THE FOOT MAY THEN HAVE TO BE AMPUTATED. MANY AMPUTATIONS ARE PREVENTABLE IF MINOR PROBLEMS ARE CAUGHT AND TREATED IN TIME.



DISTAL SYMMETRIC NEUROPATHY OR SENSORIMOTOR NERVE DAMAGE IN THE ARMS AND LEGS

NEUROPATHY REFERS TO ANY CONDITION THAT
DAMAGES NERVE CELLS. THESE CELLS
PLAY A CRITICAL ROLE IN TOUCH,
SENSATION, AND MOVEMENT







FOOT DEFORMITIES, SUCH AS HAMMERTOES AND THE COLLAPSE OF THE MIDFOOT, MAY OCCUR



KIDNEY DISEASE Diabetes can cause damage to the kidneys, which may increase the toxins in the blood and contribute to nerve damage.

BEING OVERWEIGHT

Having a body mass index greater than 24 may increase your risk of developing diabetic neuropathy.

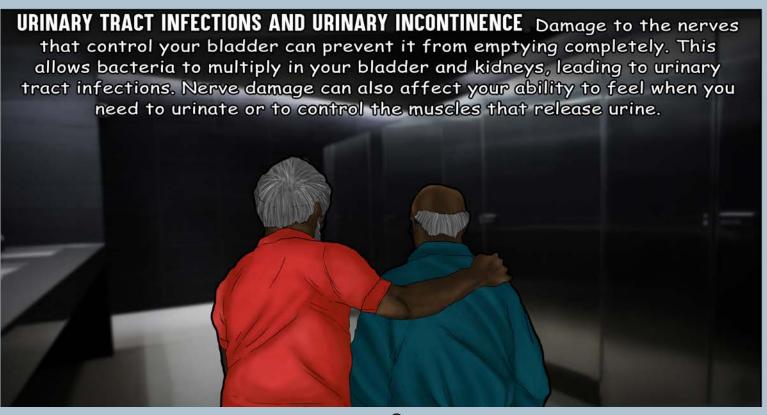


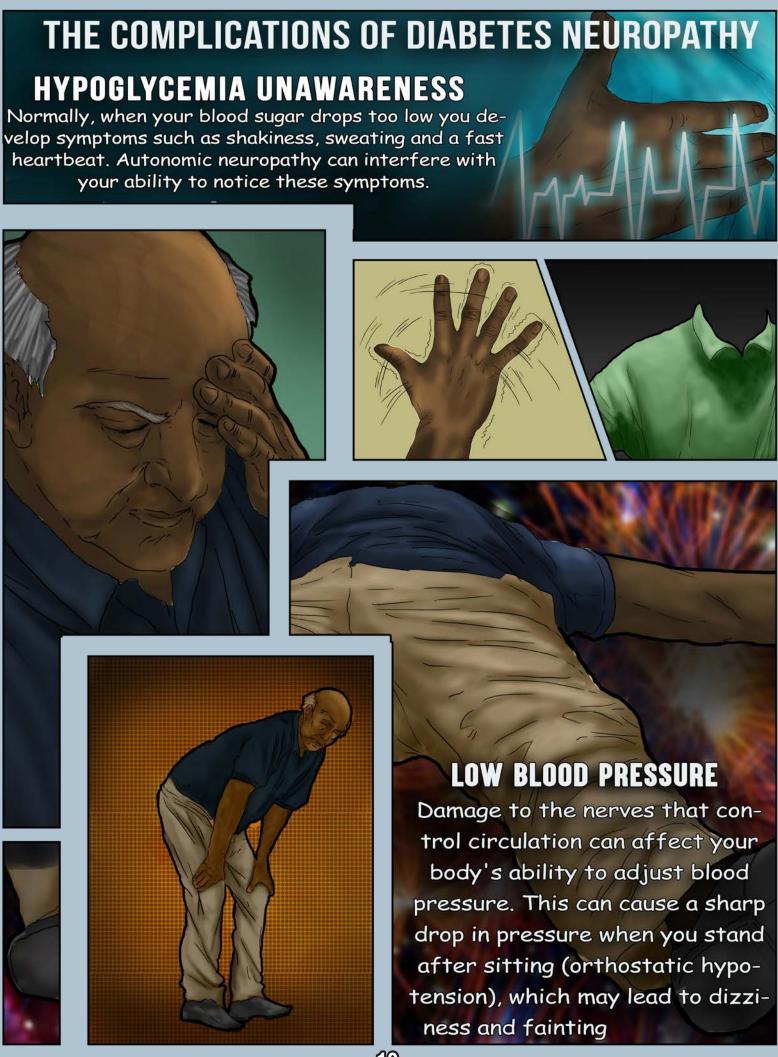
THE COMPLICATIONS OF DIABETES NEUROPATHY LOSS OF A LIMB Because nerve damage can cause This occurs when a joint, usually in foot, deteriorates because of nervent foot, deteriorates

Because nerve damage can cause a lack of feeling in your feet, cuts and sores may go unnoticed and eventually become severely infected or ulcerated - a condition in which the skin and soft tissues break down. The risk of infection is high because diabetes reduces blood flow to your feet. Infections that spread to the bone and cause tissue death (gangrene) may be impossible to treat and require amputation of a toe.

foot or even the lower leg. This occurs when a joint, usually in the foot, deteriorates because of nerve damage. Charcot joint is marked by loss of sensation, as well as swelling, instability and sometimes deformity in the joint itself. Early treatment can promote healing and prevent further damage.



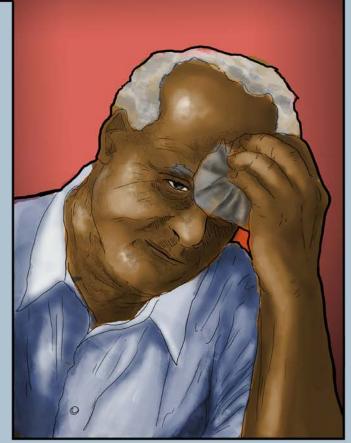


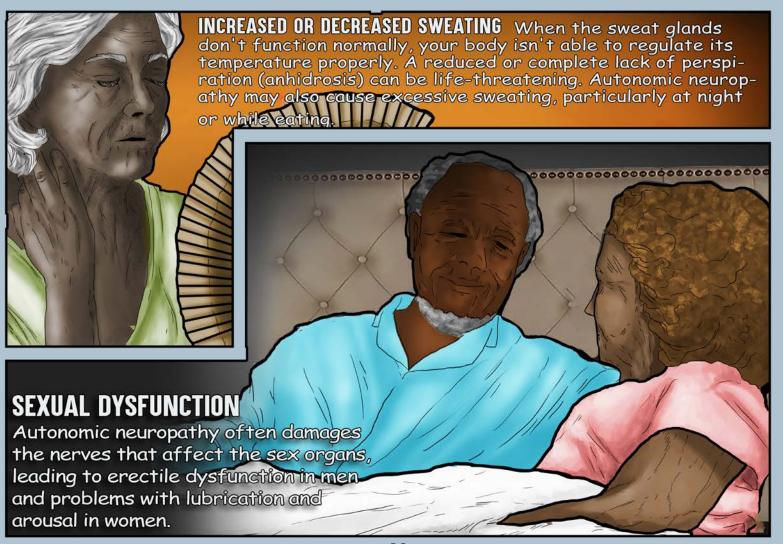


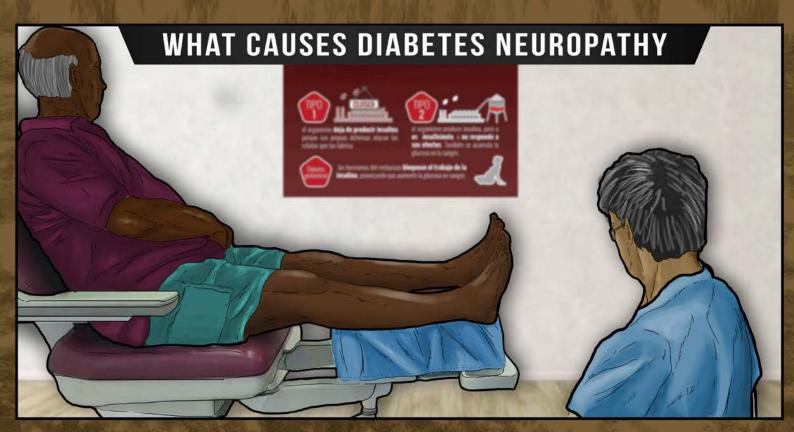
THE COMPLICATIONS OF DIABETES NEUROPATHY

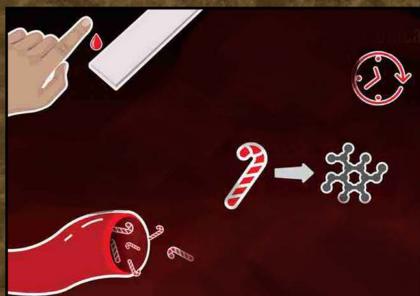
DIGESTIVE PROBLEMS Nerve damage in the di-

gestive system can cause constipation or diarrhea or alternating bouts of constipation and diarrhea - as well as nausea, vomiting, bloating and loss of appetite. It can also cause gastroparesis, a condition in which the stomach empties too slowly or not at all. This can interfere with digestion and cause nausea, vomiting and bloating, and severely affect blood sugar levels and nutrition.



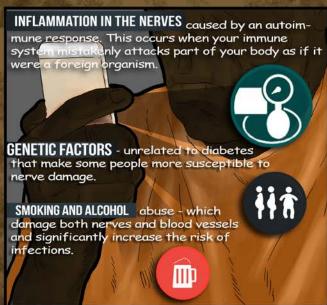






Prolonged exposure to high blood sugar can damage delicate nerve fibers, causing diabetic neuropathy. High blood sugar interferes with the ability of the nerves to transmit signals.

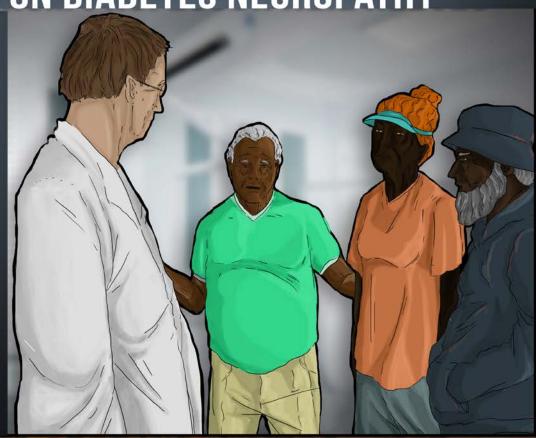
It also weakens the walls of the small blood vessels (capillaries) that supply the nerves with oxygen and nutrients.

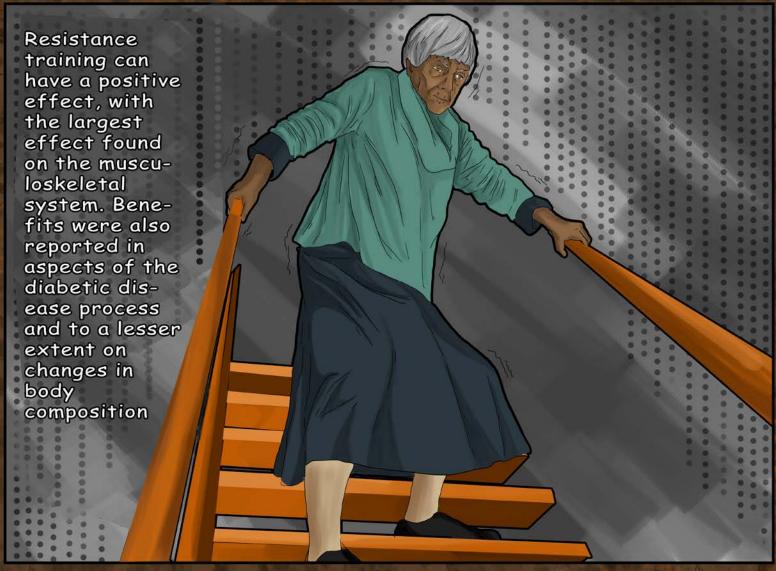




RESEARCH ON DIABETES NEUROPATHY

Diabetes causes several complications leading to muscle weakness, limited joint range of motion and damage to peripheral nerves (neuropathy). Persons affected tend to walk more slowly with greater variability of gait (manner of walking) and are at increased risk of falling.



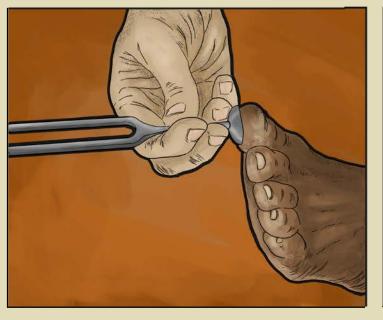




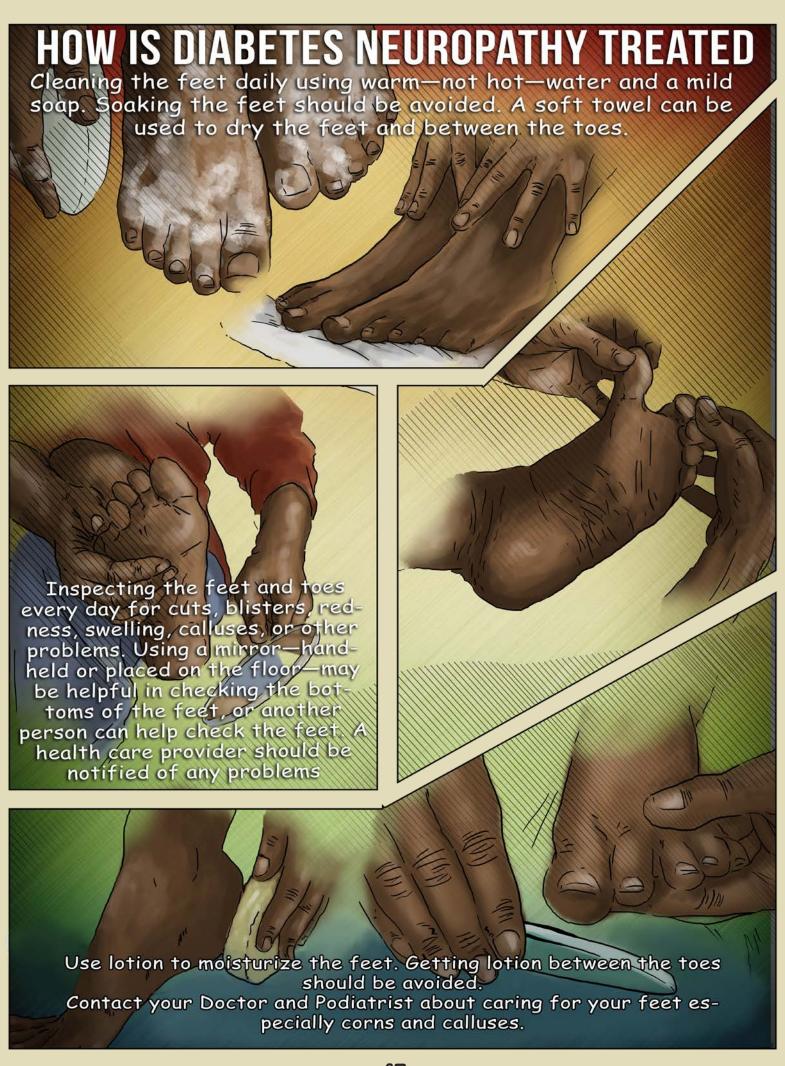
ropathy on the basis of symptoms and a physical exam. During the exam, the doctor may check blood pressure, heart rate, muscle strength, reflexes, and sensitivity to position changes, vibration, temperature, or light touch.

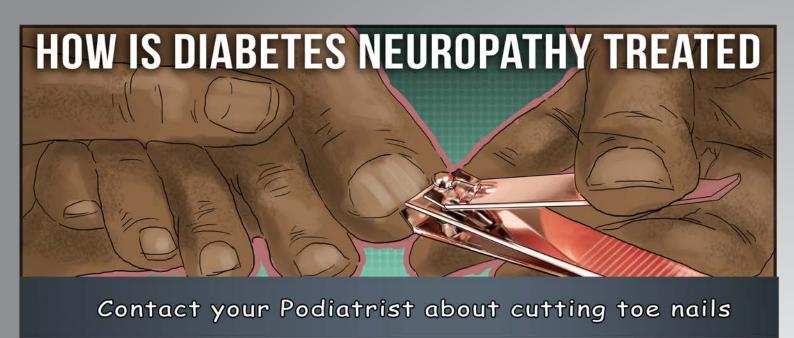
The doctor may assess protective sensation or feeling in the feet by touching them with a nylon monofilament—similar to a bristle on a hairbrush—attached to a wand or by pricking them with a pin. People who cannot sense pressure from a pin-prick or monofilament have lost protective sensation and are at risk for developing foot sores that may not heal properly.





The doctor may also check temperature perception or use a tuning fork, which is more sensitive than touch pressure, to assess vibration perception.

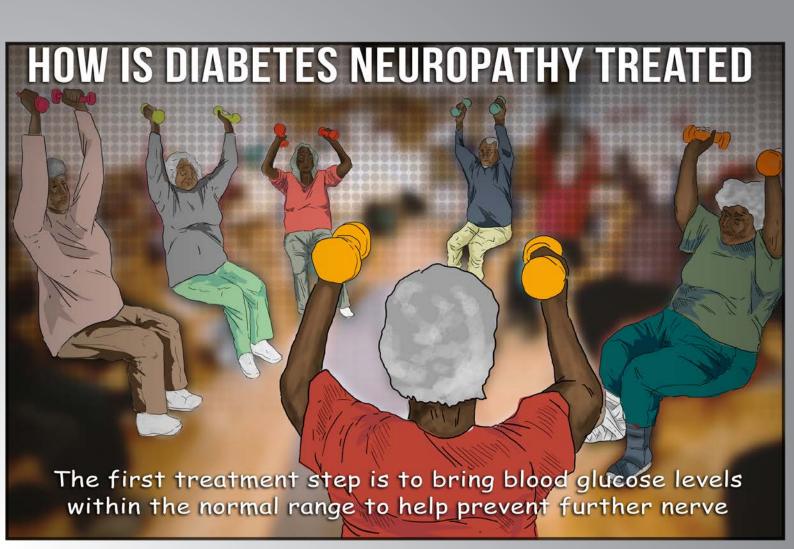




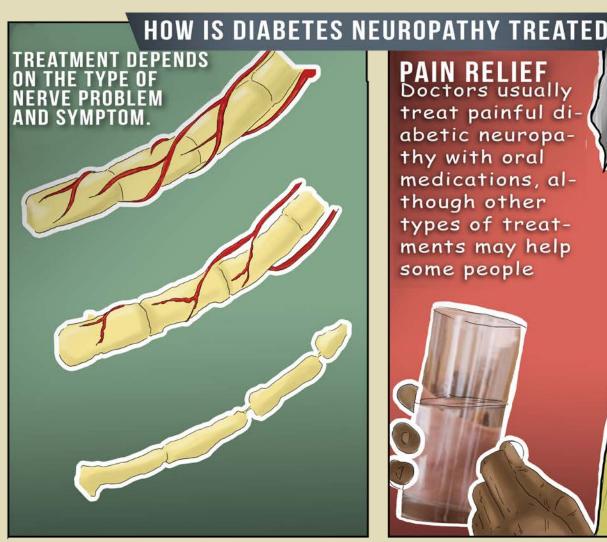


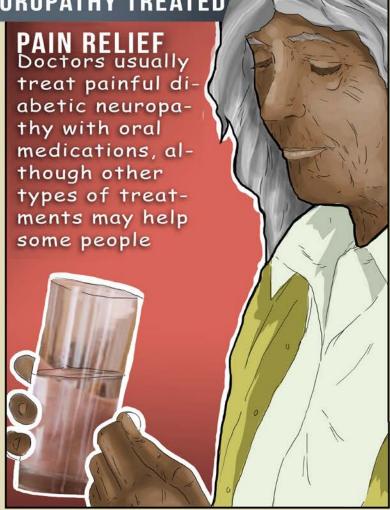


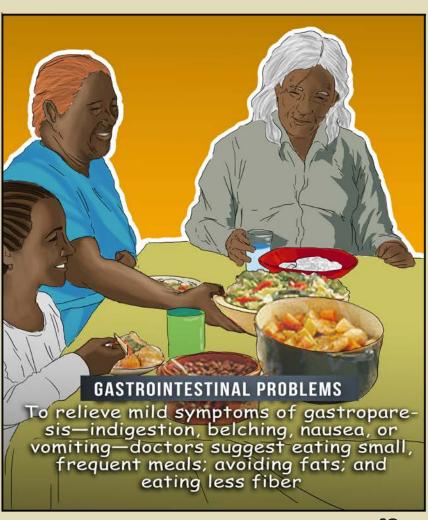
Look shoes over carefully before putting them on and feel the insides to make sure the shoes are free of tears, sharp edges, or objects that might injure the feet.



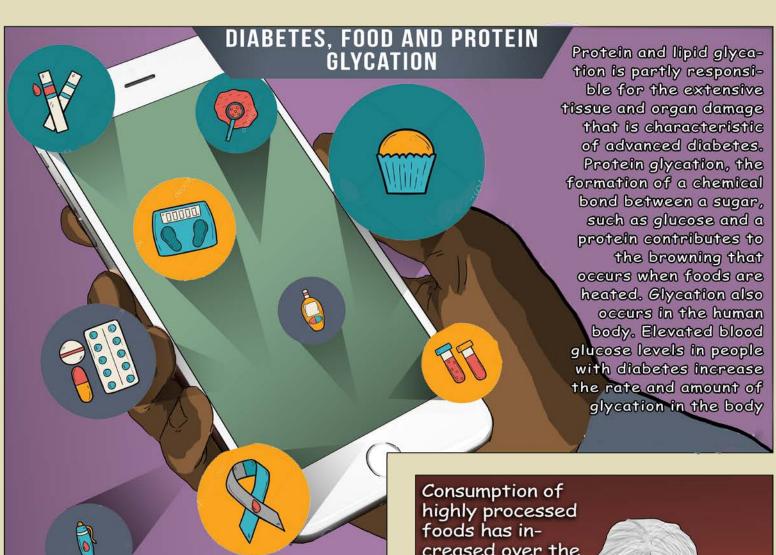


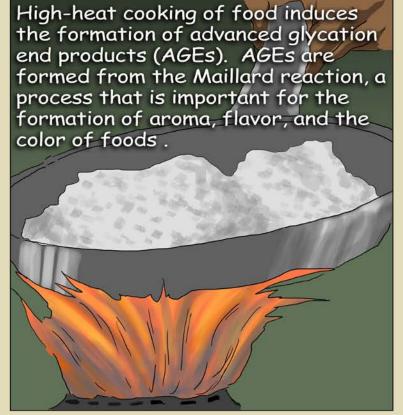


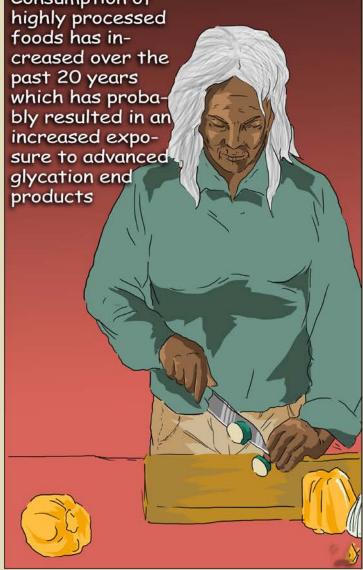


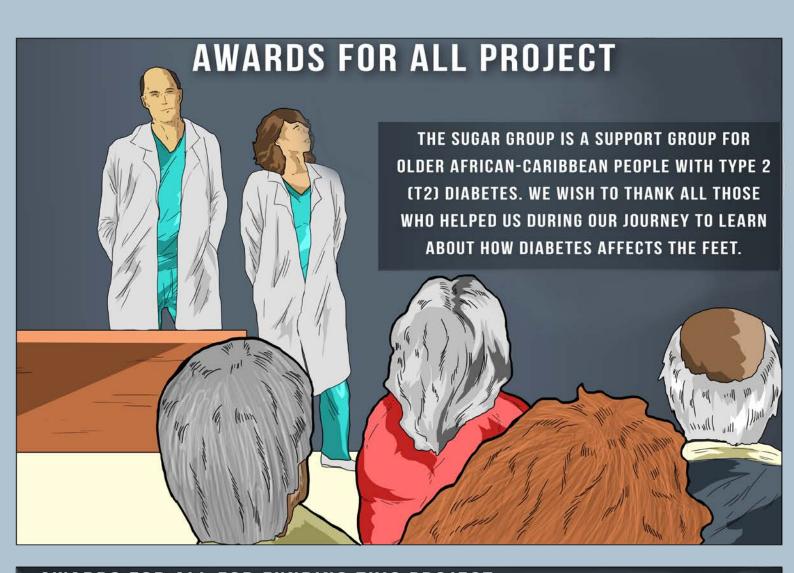










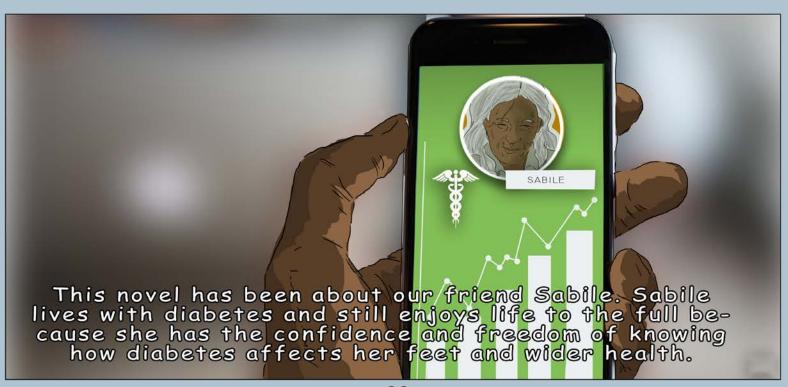


- AWARDS FOR ALL FOR FUNDING THIS PROJECT
- SALFORD PODIATRY CLINIC
- DR NEIL REEVES, DR NESSAR AHMED AND DR NATALIE GARDINER
- ALL STAFF AT KATH LOCKE CENTRE WORKING WITH THE SUGAR GROUP









Our Thanks

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Dr Neil Reeves - Professor of Musculoskeletal Biomechanics at Manchester Metropolitan University

Dr Nessar Ahmed - Clinical Biochemist at Manchester Metropolitan University

Salford Podiatry Clinic: University of Salford – Podiatry Assessment and Management clinic can be attended by anyone in need of essential foot care – you may have painful pressure lesions or just be unable to care for your feet. **For appointments call 0161 295 2205 between 9.00am - 4.30pm - £10 per session**

Members of Kath Locke Centre, Awards for all, Bassajamba CIC and all Sugar Group members, past and present.

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Kath Locke Centre

The Kath Locke Centre combines the best in conventional NHS healthcare alongside complementary therapies to offer a complete approach to health and well-being. During the week, we offer a wide range of fun, friendly activities, courses and classes to help:

Get more active, Wind down, relax and stay well, Get group support:

Cuban dance, Qigong, Soca, Acupuncture, Homeopathy, Narcotics Anonymous, Sugar Group (diabetic support), Social Phobia

Come and see us at: 123 Moss Lane East, Manchester, M15 5DD Phone: 0161 455 0211

Bassajamba CIC

Bassajamba is a social enterprise specialising in the science, tech and health needs of disadvantaged, marginalised, hard to reach and underrepresented communities. We work closely with academia and other partners to build sustainable resources including creative media, new technologies, products and services towards the purpose of reducing social inequalities affecting health, employment, education amongst others.

Find out more at: bassajamba.co.uk Email: info@bassajamba.co.uk Phone: 0161 738 1512

The Sugar Group is a support group for older African-Caribbean people with Type 2 (T2) diabetes. The Sugar Group has been running since 1999 and is based at The Kath Locke Centre in Moss Side, Manchester. It offers NHS and complementary health services, to improve the health and wellbeing of the local community.

This booklet was created with the Group to help our community and all those who wish to learn more about one of the many complications of diabetes, diabetes neuropathy, and its effect on your feet. It is written in the form of a short graphic story which we hope you enjoy.





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