TRI ADVANCES is a website dedicated to informing readers of the latest and greatest advances in translational medical research, updated monthly.

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The TRANSLATIONAL RESEARCH CENTER FOR MEDICAL INNOVATION, or 'TRI', provides comprehensive support programmes for medical researchers for all phases of clinical study, from research planning to data analysis. By supporting Japan's best and brightest to create breakthrough innovations in technology and medical science, TRI is working towards tangibly improving the prognoses of intractable human diseases.
fragments of bone are guided called a haematoma. At this coagulate into a swollen mass inside the bone starts to require surgery to rectify. To determine why non-union bone fracture occurs, it is important to

Lucy Reading-Ikkanda

prolonged disability. Regenerative therapies might help to restart the bone-healing process, getting the people affected back in action.

A bone fracture that fails to heal after initial treatment can lead to the affected limb amputated. Can regenerative medicine offer an alternative?

SAVING LIFE AND LIMB

Critical limb ischemia is a painful arterial disease that restricts blood flow and can result in the loss of a limb. To find out more read Nature Outline: Critical limb ischemia:

http://www.nature.com/nature/outline/critical-limb-ischaemia

CLOSING THE GAP

Some fractures don’t respond to standard treatments, leading to lasting pain and disability. To find out more read Nature Outline: Non-union bone fracture:

https://www.nature.com/nature/journal/v550/n7677_supp_out/full/550S194a.html