

New medical method: using cartilage from the nose to pump and repair knee cartilage

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Accordingly, this is **the latest medical achievement** of Swiss doctors performing over 10 adults with traumatic knee cartilage damage.

To achieve this result, 10 patients were first fully clinically tested for their health, especially the quality and bioactivity of the cartilage cartilage and nasal cartilage.

Later, Dr. Martin and colleagues took a small sample of cartilage cells from the patient's nasal bone, then reared them in an environment containing **hormone growth** continuously for two weeks. All these nasal cartilage cells are placed in a **collagen membrane** and cultured for another two weeks.



Photo source: Internet.

Next, the entire cartilage is separated, after culture is **implanted directly** into the joint cartilage damaged by trauma on the patient's body.

At the end of the postoperative process, the patient was followed for 6 to 8 weeks, and it could take more than a few months for the knee joint cartilage to fill and **restore** normally.

Two years later, these 10 people had another knee joint **MRI** showing knee joint cartilage made from nasal cartilage that developed into new tissue, normal operation, knees of 9/10 people who were more flexible. , less pain.

Currently this method is continuing to be studied in more depth before becoming a method of treatment and recovery of knee joint in a wide range of global.

This research has just been published in The Lancet.

Huynh Dung (According to UPI)

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