

# High cholesterol can make arthritis worse

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Through experimental medical research on animal models, the results show that high levels of cholesterol in the body can cause **mitochondrial oxygen disorders** on cartilage cells, joint and bone connective tissue that make **arthritis** more and more severe and may even cause bone loss. - Ms. Indira Prasadam, a researcher at Queensland University of Technology in Brisbane, Australia said in a statement.



Photo source: Internet.

To get this conclusion, Prasadam and his team first conducted the selection of two animal models, namely the mouse, then fed one of the two mice to eat high-cholesterol foods until Any blood cholesterol in that rat is high.

Next, both mice were artificially injured at **the knee joint** . Shortly thereafter, mice with high cholesterol levels suddenly developed faster **knee arthritis** , and tended to be heavier than the inflammation of the normal diet mice.

Subsequently, mice with high cholesterol levels were injected with **atorvastatin** , which **inhibited the mitochondrial oxidation disorder** on cartilage cells, joint bone and knee joints, preventing arthritis on the day.

The more severe it is caused by high cholesterol levels.

The results showed that the mice showed a marked improvement in **inflammation** than the other mice not treated with atorvastatin.

Thus, it can be seen from here that the immeasurable germ and harm come from having high cholesterol levels in the body related to new **arthritis** .

This research has just been published online in The FASEB Journal.

**Huynh Dung ( According to Newkeral)**

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