

## Stem cells may help prevent post-injury arthritis

Researchers may have found a promising stem cell therapy for preventing osteoarthritis after a joint injury.

Injuring a joint greatly raises the odds of getting a form of osteoarthritis called post-traumatic arthritis, or PTA. There are no therapies yet that modify or slow the progression of arthritis after injury. Researchers at Duke University Health System have found a very promising therapeutic approach to PTA using a type of stem cell, called mesenchymal stem cells (MSCs), in mice with fractures that typically would lead to them developing arthritis.

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