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Radiofrequency ablation for treating chronic knee pain


Chronic knee osteoarthritis (KOA) is a prevalent disease among the elderly. KOA does not only lead to pain but also it can cause limitation of movement, reduced physical activity and psychological disability. Common treatments used include non-steroidal anti-inflammatory medications which have limited efficacy, but several side effects. Commonly used procedures include intra-articular steroid injection and hyaluronic acid injection, which may fail to improve pain, may relieve pain for short duration of time. In addition, steroids have several side effects especially, if patient receive steroids on regular basis. Surgery is an option and can be successful, but patients, who are not illegible for surgery, do not prefer to go through surgery or who already had joint replacement, will need a modality that will provide long term pain relief. Articular branches to the knee joint are called genicular nerves. Genicular nerves

radiofrequency ablation is a procedure with growing interest due to its efficacy, safety and feasible technical performance by ultrasound or fluoroscopy guidance.

Speaker Biography

Alaa Abd-Elseyed has graduated from Medical School in 2000 and was hired as a Member of the faculty at the Public Health Department, where he has finished his Master's degree. He moved to the US in 2008 and worked at the Cleveland Clinic as a Research Fellow in the Department of Anesthesiology. Between 2009 and 2013, he has performed his Anesthesiology Residency at the University of Cincinnati. Later, he joined Cincinnati's program for pain fellowship and finally the UW School of Medicine and Public Health. He is an Assistant Professor in the UW Department of Anesthesiology. He also serves as Medical Director of the UW Pain Clinic and Pain Services Department. He has published more than 100 presentations, 80 peer-reviewed articles, 10 book chapters and several editorials. He is a Member of the Editorial Board for several medical journals and regularly reviews content related to pain management.

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