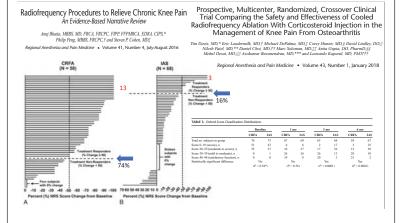




Areas to cover



Systematic Review and Meta-Analysis of 12 Randomized Controlled Trials Evaluating the Efficacy of Invasive Radiofrequency Treatment for Knee Pain and Function BioMed Research International Volume 2019, Article ID 90/7510, 14 pages Tab Hongy Halyanu Wang Generation Lawren Zeitlinger, DQ, Judith Kopinski, MD and Thomas DiPanquals, DQ Current Orthopaedic Practice

Current Orthopaedic Practice

Systematic Review of Radiofrequency Ablation for Management of Knee Pain Current Pain and Headache Reports (2019) 23:55 NEUROMODULATION & INTERVENTIONAL SECTION

Vwaire Orhurhu 1 • Ivan Urits 1 • Ravi Grandhi 2 • Alaa Abd-Elsayed 3

Radiofrequency Procedures for the Treatment of Symptomatic Knee Osteoarthritis: A Systematic Review

The Effectiveness and Safety of Genicular Nerve Philip Press
Radiofrequency Ablation for the Treatment of Recalcitrant Knee Pain
Due to Osteoarthritis: a Comprehensive Literature Review

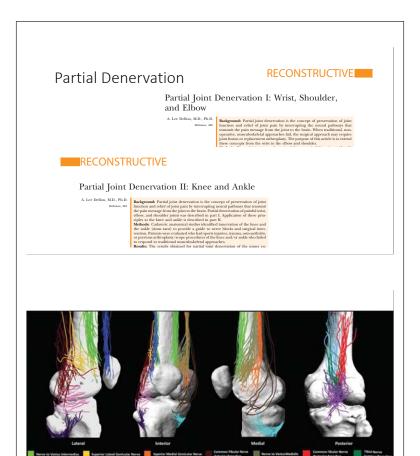
Pain Medicine, 21(2), 2020, 333-348

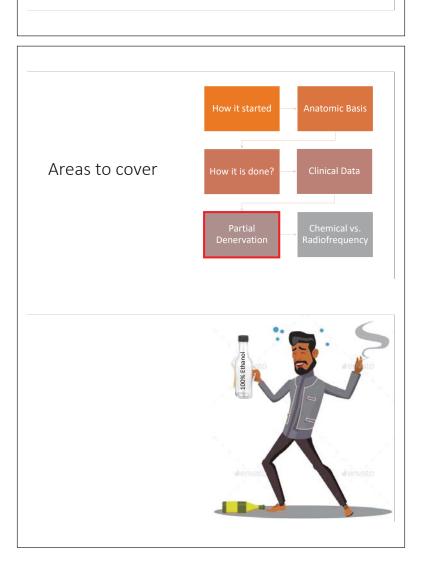
13 RCT, 2 PC, 7P, 11 case series

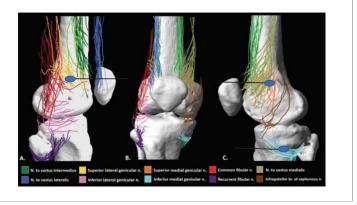
Current Physical Medicine and Rehabilitation Reports (2019) 7:404-413













ORIGINAL ARTICLE

Chemical Ablation of Genicular Nerve with Phenol for Pain Relief in Patients with Knee Osteoarthritis: A Prospective Study



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Score

Table 3. Pain Intensity (range)

Baseline (T ₀)	7 (6 - 8)
2wks	4 (3 - 5)*
1mos	4 (2 - 5)*
2mos	4 (3 - 5)*
3mos	4 (2 - 5)*
6mos	4 (3 - 6)*



Table 2. WOMAC SCORE-subscale and composite Pain >50% relief is 46% at 6 months

-13) 6(4	-7)* 4(2	6)* 5(2-6)	* 3(2-6)*	4/2 00#
-13) 6(4	-7)* 4(2	6)* 5(2-6)	* 3(2-6)*	1/2 0\#
		-, -,	3(2-0)	4(2-8)*
-6) 1(0	-3)* 1(0-	2)* 1(0-2)	* 0(0-2)*	0(0-2)*
26-44) 15(11-25)* 13(9	-18)* 13(7-1	8)* 11(7-19)	* 13(9-21)*
	-/	., (,		

Table 4. Number of Patients with Side Effects and Complications

	2 weeks	1 month	2 months	3 months	6 months
Local pain	2 (5%)	0	0	0	0
Hypoesthesia	6 (14%)	0	0	0	0
Swelling	13 (30%)	5 (12%)	0	0	0
Bruise	9 (21%)	0	0	0	0

Summary

- Intra-articular injection:
 - steroid, VS, and PRP
 - efficacy and limitations
- Genicular nerves ablation
 - Anatomical basis
 - Technical aspect
 - Efficacy
 - Radiofrequency vs chemcial

Thank You