

## Tenex Health Clinical Publications - Chronological

1. Cimino WW, Bond LJ. Physics of ultrasonic surgery using tissue fragmentation: part I. *Ultrasound in Medicine and Biology* 1996;22(1):89-100. *[Tissue Selectivity]*
2. O'Daly BJ, et al. High-power low-frequency ultrasound: A review of tissue dissection and ablation in medicine and surgery. *Journal of Materials Processing Technology* 2008;200(1-3):38-58. *[Tissue Selectivity]*
3. Barnes DE. Ultrasonic energy in tendon treatment. *Operat Tech Orthop* 2013;23(2):78-83. *[Elbow]*
4. Elattrache NS, Morrey BF. Percutaneous ultrasonic tenotomy as a treatment for chronic patellar tendinopathy-jumper's knee. *Operat Tech Orthop* 2013;23(2):98-103. *[Knee]*
5. Hackel JG, Williams ME. Ultrasonic energy helps perform fasciotomy and surgical tenotomy for tendinosis, fasciosis. *Orthopedics Today* 2013 May. *[Various]*
6. Khanna M, et al. A novel approach to the treatment of chronic tendon pathology: a pilot study. Poster presented at: Annual Meeting of Am Acad Phys Medicine & Rehab 2013 Oct. *[Shoulder/Various]*
7. Koh JSB, et al. Fasciotomy and surgical tenotomy for recalcitrant lateral elbow tendinopathy: early clinical experience with a novel device for minimally invasive percutaneous microresection. *Am J Sports Med* 2013;41(3):636-644. *[Elbow]*
8. Morrey BF. Ultrasound percutaneous tenotomy for epicondylitis. *TSES* 2013; 14(2):51-58. *[Elbow]*
9. Traister E, et al. The effect of percutaneous tenotomy using Tenex on short term average pain scores in refractory tendinopathies. Poster presented at: Annual Meeting of American Medical Society for Sports Medicine 2014 Apr. *[Elbow/Knee/Plantar Fascia]*
10. Barnes DE, et al. Percutaneous ultrasonic tenotomy for chronic elbow tendinosis: a prospective study. *J Shoulder Elbow Surg* 2015; 24(1),67-73. *[Elbow]*
11. Kamineni S, et al. Percutaneous ultrasonic debridement of tendinopathy - a pilot achilles rabbit model. *J Orthop Surg Res* 2015;10:70:1-8. *[Stimulates Healing]*
12. Langer PR. Two emerging technologies for achilles tendinopathy and plantar fasciopathy. *Clin Podiatr Med Surg* 2015;32(2):183-193. *[Achilles/Plantar Fascia]*
13. Mohan PC, et al. Lateral elbow tendinopathy: correlation between ultrasound findings and clinical outcomes after percutaneous ultrasonic tenotomy. Poster presented at EU Congress of Radiology 2015;C-1184. *[Elbow]*
14. Morrey BF. Chapter 26: Percutaneous ultrasound tenotomy for epicondylitis. In: Morrey BF, ed. *Master's Techniques in Orthopedic Surgery: The Elbow*. 3rd ed. Philadelphia, PA: Wolters Kluwer Health, Inc.; 2014:339-346. *[Elbow]*
15. Nanos, KN, Malanga GA. Treatment of patellar tendinopathy refractory to surgical management using percutaneous ultrasonic tenotomy and platelet rich plasma: a case presentation. *PM R* 2015;7(12):1300-1305. *[Knee]*
16. Patel MM. A novel treatment for refractory plantar fasciitis. *Am J Orthop* 2015;44(3):107-110. *[Plantar Fascia]*
17. Patel MM, et al. A pilot study of a novel treatment method for refractory painful plantar fibromas. *Austin J Orthop Rheum* 2015;2(2):1014. *[Plantar Fibroma]*
18. Pourcho AM, Hall MM. Percutaneous Ultrasonic Fasciotomy for Refractory Plantar Fasciopathy After Failure of a Partial Endoscopic Release Procedure, *PM&R* 2015 Nov;7(11):1194-1197 *[Plantar Fascia]*
19. Sanders TL, et.al. The epidemiology and health care burden of tennis elbow: a population-based study. *Am J Sports Med* 2015;43(5):1066-1071. *[Epidemiology]*
20. Seng C, et al. Ultrasonic percutaneous tenotomy for recalcitrant lateral elbow tendinopathy: sustainability and sonographic progression at 3 years. *Am J Sports Med* 2016;44(2):504-510. Epub 2015 Nov. *[Elbow]*
21. Baker CL. Ultrasound-guided tenotomy can effectively treat lateral epicondylitis. *Ortho Today* 2016 May. *[Elbow]*

22. Stuhlman C, et al. Current concepts and the role of surgery in the treatment of jumper's knee. *Orthopedics* 2016;39(6):e1028-e1035. **[Knee]**
23. Hall MM, Woodroffe L. Ultrasonic percutaneous tenotomy for recalcitrant calcific triceps tendinosis in a competitive strongman: a case report. *Curr Sp Med Rep* 2017;16(3):150-152. **[Triceps]**
24. Morrey BF. Chapter 60: Percutaneous ultrasound tenotomy treatment of epicondylitis. In: Morrey BF, Sanchez-Sotelo J, Morrey ME, eds. *Morrey's The Elbow and its Disorders*. 5th ed. Elsevier; 2017:582-587. **[Elbow]**
25. Battista CT, et al.. Ultrasonic percutaneous tenotomy of common extensor tendons for recalcitrant lateral epicondylitis. *Tech Hand Up Extrem Surg* 2018;22(1):15-18. **[Elbow]**
26. Chimenti RL, et al. Percutaneous ultrasonic tenotomy reduces insertional achilles tendinopathy pain with high patient satisfaction and a low complication rate. *J Ultras Med* 2019;39(6):1629-1635. Epub 2018 Oct. **[Achilles]**
27. McMullen C, et al. Efficacy of Percutaneous Ultrasonic Ablation of Soft Tissue (Tenex) in Tendinopathy and Fasciopathy, *Curr Phys Med Rehabil Rep* 2018 Mar;6:156-160. **[Various]**
28. Morrey BF. A new safe and effective treatment for chronic refractory tendinopathy. *Orthop & Rheum Open Access J* 2018;11(5):1-5. **[Various]**
29. Ostrom E, Joseph A. Percutaneous ultrasound tenotomy using the Tenex System on the adductor longus tendon: a pilot case series. *MOJ Sp Med* 2018;2(1):1-6. **[Hip/Adductor Longus]**
30. Razdan R, et al. Percutaneous ultrasonic fasciotomy: a novel approach to treat chronic plantar fasciitis. *J Surg Proced Tech* 2018;3(102):1-6. **[Plantar Fascia]**
31. Williams RC, Pourcho AM. Percutaneous ultrasonic tenotomy for refractory common extensor tendinopathy after failed open surgical release: a report of two cases. *PM R* 2018;10(3):313-316. **[Elbow]**
32. Boden AL, et al. Platelet-rich plasma versus Tenex in the treatment of medial and lateral epicondylitis. *J Shoulder Elbow Surg* 2019;28(1):112-119. **[Elbow]**
33. Freed L, et al. Fasciotomy and surgical tenotomy for chronic achilles insertional tendinopathy: a retrospective study using ultrasound-guided percutaneous microresection. *J Am Pod Med Assn* 2019;109(1):1-8. **[Achilles]**
34. Kamineni S, et al. Porphyromonas gingivalis response to ultrasonication. *Int J Clin Microbiol* 2019;1(1):25-28. **[Bactericidal]**
35. Kamineni S, Huang C. The antibacterial effect of sonication and its potential medical application. *SICOT J* 2019;5:19:1-4. **[Bactericidal]**
36. Kamineni S, et al. Anti-staphylococcal effect of ultrasonication. *Novel Tech Arthritis Bone Res* 2019;3(3):001-003. **[Bactericidal]**
37. Kamineni S, et al. Ultrasonic debridement with stem cell therapy of suspensory branch desmitis in an equine patient. *Open Vet J* 2019;9(1):54-57. **[Equine]**
38. Stover D, et al. Ultrasound-guided tenotomy improves physical function and decreases pain for tendinopathies of the elbow: a retrospective review. *J Shoulder Elbow Surg* 2019;28(12):2386-2393. **[Elbow]**
39. Sussman W, Hofmann K. Treatment of insertional peroneal brevis tendinopathy by ultrasound-guided percutaneous ultrasonic needle tenotomy: a case report. *J Foot Ankle Surg* 2019;58:1285-1287. **[Peroneal]**
40. Sussman WI, Fanuele J, Hackel JG. Ultrasonic Percutaneous Tenotomy for the Treatment of Recalcitrant Triceps Tendinopathy, *J Surg Tech Proced*, 2019;3(2):1028. **[Triceps]**
41. Baker CL., Mahoney JR. Ultrasound-guided percutaneous tenotomy for gluteal tendinopathy. *Ortho J Sports Med* 2020;8(3):1-8. **[Hip/Gluteal]**
42. Morrey BF. Chapter 52: Ultrasound percutaneous tenotomy for chronic refractory tendinopathy. In: Bain GI, Eygendaal D, Van Riet R, eds. *Surgical Techniques for Trauma and Sports Related Injuries of the Elbow*, Springer; 2020:397-404. **[Elbow]**
43. Baria MR, et al. Percutaneous ultrasonic tenotomy effectively debrides tendons of the extensor mechanism of

- the knee: a technical note. *The Knee* 2020;27:649-655. **[Knee]**
44. Yanish GJ, et al. Percutaneous ultrasonic tenotomy with ultrasound guidance vs. open lateral epicondylectomy: a comparative analysis. (*Accepted, J Shoulder Elbow Surg, 29 Jun 2020*). **[Elbow]**
45. Freed L, 603-P: A Unique, Definitive, and Durable Solution for the Chronic Diabetic Foot Ulcer, *Diabetes* 2020 Jun; 69(Supplement 1) **[DFU]**
46. Walrod B, Turner W, Pauls K. Rapid and Successful Rehabilitation and Return to Play for a D1 Gymnast After Treatment for Lateral Epicondylitis with Ultrasound Guided Percutaneous Tenotomy (Tenex), *AmJSports Science*, 2020, 5(1):1-4. **[Elbow]**
47. Erickson JL, Jagim AR. Ultrasonic Tenotomy and Debridement for Calcific Tendinopathy of the Shoulder: A Pilot Case Series, *JPC*, 2020 Oct 20, 11:1-8. **[Shoulder]**
48. Wahezi S, et al. Sonographically Guided Percutaneous Incision of the Coracohumeral Ligament for the Treatment of Refractory Adhesive Capsulitis: Proof of Concept, *Pain Medicine*, 2020 Dec 25;21(12):3314-3319. **[Shoulder]**
49. Yerra S, Gulati A, Wahezi S. Letter to the Editor: "Technique with Validation of Sonographically Guided Percutaneous Interruption of the Coracohumeral Ligament for Adhesive Capsulitis," *Pain Medicine* 2020;21(12):3718-3720. **[Shoulder]**
50. Latzka EW, Pourcho AM. Ultrasound-guided ultrasonic tenotomy for common extensor tendinopathy: A prospective case series, *PM&R* {Submitted} **[Elbow]**
51. Park DJ, Sussman WI, Rucci P. Chronic Medial Collateral Ligament Sprain Treated with Percutaneous Ultrasonic Debridement: A Case Report, *Clin J Sport Med* 2021;00:1-3. **[Knee/MCL]**
52. Altahawi F, et al. Percutaneous ultrasonic tenotomy with the TX-1 device versus surgical tenotomy for the treatment of common extensor tendinosis. *Skeletal Radiology* 2021 Jan;50(1):115-124 (epub 2020). **[Elbow]**
53. Baria MR, Durgam SS, Magnussen RA, Miller TL. Ultrasound-guided percutaneous tenotomy is effective for patellar tendinosis, *Orthopedics Today* 2021 Apr. **[Knee]**
54. Lavallee M, Bush C. Ultrasound-Guided Percutaneous Tenotomy and its Associated Pain Reduction and Functionality Outcomes in Non-elite Active Adults, *American Journal of Physical Medicine & Rehabilitation*: 2021 Apr 1;100(4):349-353 (epub 2020). **[Various]**
55. Vajapey S, Ghenbot S, Baria MR, Magnussen RA, Vasileff K. Utility of Percutaneous Ultrasonic Tenotomy for Tendinopathies: A Systematic Review, *Sports Health: A Multidisciplinary Approach, AOSSM Sports Health* 2021 May-Jun;13(3):258-264 (epub 2020). **[Various]**
56. Ang BFH, Koh JSB, et al. Ultrasonic Percutaneous Tenotomy for Recalcitrant Lateral Elbow Tendinopathy: Clinical and Sonographic Results at 90 Months, *Am J Sports Med* 2021 May 6; PMID: 33956537 (online ahead of print). **[Elbow]**
57. Chalian M, Nacey NC, Rawat U, Knight J, Lancaster T, Deal DN, Pierce J. Ultrasound-guided percutaneous needle tenotomy using Tenex system for refractory lateral epicondylitis; short and long-term effectiveness and contributing factors, *Skeletal Radiol.* 2021 Oct;50(10):2049-2057. **[Elbow]**
58. Lui G, Sussman WI. Percutaneous ultrasound-guided resection of a painful osteophyte using novel Tenex-Bone device in a residual limb: A case report, *J Clin Ultraound* 2021 Oct;49(8):885-888. **[Femur Osteophyte]**
59. Bodor M, Uribe Y, Srikumaran. Ultrasonic aspiration for vaccination-related shoulder dysfunction: Case Report, *Heliyon* 2021 Nov;7(11):e08442. **[Shoulder]**
60. Fick B, Stover D, Chimenti R, Hall M. The Safety of Ultrasound Guided Tenotomy for Upper and Lower Extremity Tendinopathies: A Retrospective Study, *Iowa Orthop J* 2021 Dec;41(2):82-90 (epub 2020). **[Various]**
61. Biezdard M, Clinton C. Evaluating the Efficacy of Ultrasound-Guided Percutaneous Tenotomy Procedure for the Treatment of Elbow Tendinosis (poster), Rowan University, Cooper Medical School, Rowan Digital Works 2021. **[Elbow]**
62. Charnoff J, et al. Office-Based Mechanical Procedures for Tendons, Tendinopathy, 2021:281-321. **[Various]**