

# 별첨 2

## 배제문헌

### 1. 국외 DB

1. Abd-Elsayed A, Fiala K, Nguyen K, VanderWood J. Safety and Efficacy of Radiofrequency Ablation of the Medial Branch Nerves with Preexisting Spinal Hardware. A Case Series and Review of Literature. *Current Pain & Headache Reports.* 2019;23(2):11.  
배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌
2. Anonymous. Intradiscal electrothermal therapy for chronic low back pain. *Tecnologica MAP Supplement.* 2000;13-4.  
배제사유: 원문 확보 불가
3. Azulay N, Forgerit M, Alava EG, Deplas A, Vialle R, Ragot S, et al. A novel radiofrequency thermocoagulation method for treatment of lower back pain: thermal conduction after instillation of saline solution into the nucleus pulposus--preliminary results. *Acta Radiologica.* 2008;49(8):934-9.  
배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌
4. Barendse GA, van Den Berg SG, Kessels AH, et al. Randomized controlled trial of percutaneous intradiscal radiofrequency thermocoagulation for chronic discogenic back pain: lack of effect from a 90-second 70 C lesion. *Spine.* 2001;26(3):287-92.  
배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌
5. Bryce DA, Nelson J, Glurich I, Berg RL. Intradiscal electrothermal annuloplasty therapy: a case series study leading to new considerations. *WMJ.* 2005;104(6):39-46.  
배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌
6. Canovas L, Oduna J, Huete A, Alonso L, Counago M, Rojas S. Intradiscal pulsed radiofrequency (Rf) and ozone in discogenic pain relief: Experience in 51 cases. *Revista de la Sociedad Espanola del Dolor.* 2015;22(1):27-31.  
배제사유: 한국어나 영어로 출판되지 않은 문헌
7. Canovas Martinez L, Orduna Valls J, Parames Mosquera E, Lamelas Rodriguez L, Rojas Gil S, Dominguez Garcia M. Sacroiliac joint pain: Prospective, randomised, experimental and comparative study of thermal radiofrequency with sacroiliac joint block. *Revista Espanola de Anestesiologia y Reanimacion.* 2016;63(5):267-72.  
배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌
8. Chen W, Tong G, Wu C, Zhao H, Chen K. Intradiscal electrothermal treatment combined with epidural steroid injection for discogenic lumbago-leg pain. 25. National medical

journal of china 87(25)0(pp 1742-1745), 2007 date of publication: 03 jul 2007.  
2007(25):1742?5.

배제사유: 한국어나 영어로 출판되지 않은 문헌

9. Cohen SP, Thomas L. Sedation with ketamine during intradiscal electrothermal therapy. Spine. 2004;29(14):1590-2.

배제사유: 사전에 정의한 연구설계에 해당하지 않은 문헌

10. Cohen SP, Wiliams S, Kurihara C, Griffith S, Larkin TM. Nucleoplasty with or without intradiscal electrothermal therapy (IDET) as a treatment for lumbar herniated disc. Journal of Spinal Disorders & Techniques. 2005;18 Suppl:S119-24.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

11. Colini-Baldeschi G. Evaluation of pulsed radiofrequency denervation in the treatment of chronic facetjoint pain: an observational study. Anesthesiology & Pain Medicine. 2012;1(3):168-73.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

12. Coskun DJ, Gilchrist J, Dupuy D. Lumbosacral radiculopathy following radiofrequency ablation therapy. Muscle & Nerve. 2003;28(6):754-6.

배제사유: 추간판성 통증 환자에 대한 연구가 아닌 문헌

13. Derby R, Kwan SS, Kazala K, Chen YC, Lee SH, Kim BJ. A factor analysis of lumbar intradiscal electrothermal annuloplasty outcomes. Spine Journal: Official Journal of the North American Spine Society. 2005;5(3):256-61; discussion 62.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

14. Erdine S, Yucel A, Celik M. Percutaneous annuloplasty in the treatment of discogenic pain: retrospective evaluation of one year follow-up. Agri Dergisi. 2004;16(4):41-7.

배제사유: 원문 확보 불가

15. Fukui S. Changes on MRI in lumbar disc protrusions in two patients after intradiscal electrothermal therapy. Journal of Anesthesia. 2006;20(2):132-4.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

16. Fukui S, Rohof O. Results of pulsed radiofrequency technique with two laterally placed electrodes in the annulus in patients with chronic lumbar discogenic pain. Journal of Anesthesia. 2012;26(4):606-9.

배제사유: 중복문헌

17. Hashemi M, Hashemian M, Mohajerani SA, Sharifi G. Effect of pulsed radiofrequency in treatment of facet-joint origin back pain in patients with degenerative spondylolisthesis. European Spine Journal. 2014;23(9):1927-32.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

18. Jacobson RE, Michelle G, Hatgis DO. Targeted Intraspinal Radiofrequency Ablation for Lumbar Spinal Stenosis. Cureus. 2017;9(3):e1090.

배제사유: 추간판성 통증 환자에 대한 연구가 아닌 문헌

19. Joo YC, Park JY, Kim KH. Comparison of alcohol ablation with repeated thermal

radiofrequency ablation in medial branch neurotomy for the treatment of recurrent thoracolumbar facet joint pain. *Journal of Anesthesia*. 2013;27(3):390-5.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

20. Kang HY, Lee SH, Moon SY. Percutaneous radiofrequency annuloplasty combined with direct decompression for internal disc disruption. *CardioVascular and Interventional Radiology*. 2013;3:S270.

배제사유: 초록만 발표된 연구

21. Kapural L, Cata JP, Narouze S. Successful treatment of lumbar discogenic pain using intradiscal biacuplasty in previously discectomized disc. *Pain Practice*. 2009;9(2):130-4.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

22. Kapural L, Hayek S, Malak O, Arrigain S, Mekhail N. Intradiscal thermal annuloplasty versus intradiscal radiofrequency ablation for the treatment of discogenic pain: a prospective matched control trial. *Pain Medicine*. 2005;6(6):425-31.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

23. Kapural L, Mekhail N, Korunda Z, Basali A. Intradiscal thermal annuloplasty for the treatment of lumbar discogenic pain in patients with multilevel degenerative disc disease. *Anesthesia & Analgesia*. 2004;99(2):472-6, table of contents.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

24. McGraw JK, Silber JS. Intradiscal electrothermal therapy for the treatment of discogenic back pain. *Applied Radiology*. 2001;30(7):11-6.

배제사유: 원저가 아닌 연구(총설, letter, comment 등)

25. Ku BJ, Jeon MH, Lee JH, Jeon YJ, Kim YM, Kang JH, et al. Short-Term Efficacy of Pulsed Radiofrequency Thermal Stimulation on Acupoints for Chronic Low Back Pain: A Preliminary Study of a Randomized, Single-Blinded, Placebo-Controlled Trial. *Evidence-based Complementary and Alternative Medicine*. 2018;2018 (no pagination)(4510909).

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

26. Lamer TJ, Smith J, Hoelzer BC, Mauck WD, Qu W, Gazelka HM. Safety of Lumbar Spine Radiofrequency Procedures in Patients Who Have Posterior Spinal Hardware. *Pain Medicine*. 2016;17(9):1634-7.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

27. Lee SJ, Kim SH, So KY. Radiofrequency thermal ablation as a treatment for symptomatic bertolotti's syndrome: A case report. *Journal of Musculoskeletal Pain*. 2011;19(4):225-7.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

28. Lindner R, Sluijter ME, Schleinzer W. Pulsed radiofrequency treatment of the lumbar medial branch for facet pain: a retrospective analysis. *Pain Medicine*. 2006;7(5):435-9.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

29. Manabe H, Yamashita K, Tezuka F, Takata Y, Sakai T, Maeda T, et al. Thermal Annuloplasty Using Percutaneous Endoscopic Discectomy for Elite Athletes with Discogenic Low Back Pain. *Neurologia Medico-Chirurgica*. 2019;59(2):48-53.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

30. Mekhail N, Kapural L. Intradiscal thermal annuloplasty for discogenic pain: an outcome study. *Pain Practice*. 2004;4(2):84-90.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

31. Narvani AA, Tsiridis E, Ishaque MA, Wilson LF. "Pig Tail" technique in intradiscal electrothermal therapy. *Journal of Spinal Disorders & Techniques*. 2003;16(3):280-4.

배제사유: 사전에 정의한 연구설계에 해당하지 않은 문헌

32. Narvani AA, Tsiridis E, Wilson LF. High-intensity zone, intradiscal electrothermal therapy, and magnetic resonance imaging. *Journal of Spinal Disorders & Techniques*. 2003;16(2):130-6.

배제사유: 사전에 정의한 연구설계에 해당하지 않은 문헌

33. Nebreda C, Vallejo R, Salvador E, Ojeda A, Aliaga L, Benyamin R. Comparative study of the thermal or conventional radiofrequency and pulsed radiofrequency in the treatment of pain in the lumbar facet origin arthropathy. *Revista de la Sociedad Espanola del Dolor*. 2016;23(4):170-4.

배제사유: 한국어나 영어로 출판되지 않은 문헌

34. Oh WS, Shim JC. A randomized controlled trial of radiofrequency denervation of the ramus communicans nerve for chronic discogenic low back pain. *Clinical Journal of Pain*. 2004;20(1):55-60.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

35. Park CH, Lee KK, Lee SH. Efficacy of transforaminal laser annuloplasty versus intradiscal radiofrequency annuloplasty for discogenic low back pain. *Korean Journal of Pain*. 2019;32(2):113-9.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

36. Park CH, Lee SH. Endoscopic Epidural Laser Decompression Versus Transforaminal Epiduroscopic Laser Annuloplasty for Lumbar Disc Herniation: A Prospective, Randomized Trial. *Pain Physician*. 2017;20(7):663-70.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

37. Pevsner Y, Shabat S, Catz A, Folman Y, Gepstein R. The role of radiofrequency in the treatment of mechanical pain of spinal origin. *European Spine Journal*. 2003;12(6):602-5.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

38. Proschek D, Kafchitsas K, Rauschmann M, Kurth A, Vogl T, Geiger F. Reduction of radiation dose during radiofrequency denervation of the lumbar facet joints using the new targeting system SabreSource: a prospective study in 20 patients. *Archives of Orthopaedic & Trauma Surgery*. 2010;130(9):1103-10.

배제사유: 추간판성 통증 환자에 대한 연구가 아닌 문헌

39. Singh H. Lumbar intradiscal treatment: A comparison between 5 modalities (physiotherapy/chiropractic, IDET, decompressor nucleoplasty, disk-FX) in 592 cases in a single surgeon's practice. *Global Spine Journal Conference: World Forum for Spine Research*. 2012;2(Supplement 1).

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

40. Sun D, Li Q, Tang Y, Gong W, He L, Dou Z, et al. Comparison of coblation annuloplasty and radiofrequency thermocoagulation for treatment of lumbar discogenic pain. *Medicine.* 2017;96(47):e8538.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

41. Teixeira A, Sluijter ME. Intradiscal high-voltage, long-duration pulsed radiofrequency for discogenic pain: a preliminary report. *Pain Medicine.* 2006;7(5):424-8.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

42. Tsou PM, Yeung CA, Yeung AT. Posterolateral transforaminal selective endoscopic discectomy and thermal annuloplasty for chronic lumbar discogenic pain: a minimal access visualized intradiscal surgical procedure. *Spine Journal: Official Journal of the North American Spine Society.* 2004;4(5):564-73.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

43. van Tilburg CWJ, Stronks DL, Groeneweg JG, Huygen FJ. Randomised sham-controlled double-blind multicentre clinical trial to ascertain the effect of percutaneous radiofrequency treatment for lumbar facet joint pain. *Bone & Joint Journal.* 2016;98-B(11):1526-33.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

44. van Tilburg CWJ, Schuurmans FA, Stronks DL, Groeneweg, JG, Huygen FJ. Randomized Sham-controlled Double-Blind Multicenter Clinical Trial to Ascertain the Effect of Percutaneous Radiofrequency Treatment for Sacroiliac Joint Pain: Three-month Results. *Clinical Journal of Pain.* 2016;32(11):921-6.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

45. Vecchietti F, Fasoli F, Cancellieri R, Guazzaroni M. Early results of low back pain treatment using percutaneous thermal disc decompression-like minimally invasive outpatient procedure. *CardioVascular and Interventional Radiology.* 2016;39 (3 Supplement 1):S203.

배제사유: 초록만 발표된 연구

46. Webster BS, Verma S, Pransky GS. Outcomes of workers' compensation claimants with low back pain undergoing intradiscal electrothermal therapy. *Spine.* 2004;29(4):435-41.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

47. Wetzel FT, McNally TA, Phillips FM. Intradiscal electrothermal therapy used to manage chronic discogenic low back pain: new directions and interventions. *Spine.* 2002;27(22):2621-6.

배제사유: 원저가 아닌 연구(종설, letter, comment 등)

48. Wright RE, Brandt SA, Barkow SH, Vilims BD, Pflueger DR. Quantitative annular thermometry in humans and sheep during radiofrequency and electrothermal annuloplasty. *Techniques in Regional Anesthesia and Pain Management.* 2001;5(4):136-41.

배제사유: 사전에 정의한 연구결과가 하나 이상 보고되지 않은 문헌

49. Zini C, Notaro D, Sadotti G, Zini G, Monti L, Bellini M. Percutaneous Intervertebral Disc

Coagulation Therapy (PDCT) by Plasma Light: Preliminary Data from the First Experience in Europe. *Cardiovascular & Interventional Radiology*. 2020;43(1):94-102.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

50. Zotti MG, Osti OL. Repeat percutaneous radiofrequency facet joint denervation for chronic back pain: A prospective study. *Journal of Musculoskeletal Pain*. 2010;18(2):153-8.

배제사유: 추간판내 열치료술이 수행된 연구가 아닌 문헌

## 2. 국내 DB

1. Fukui S, Nitta K, Iwashita N, Tomie H, Nosaka H, Rohof O. Results of Intradiscal Pulsed Radiofrequency for Lumbar Discogenic Pain: Comparison with Intradiscal Electrothermal Therapy. *Korean Journal of Pain*. 2012;25(3):155-60.

배제사유: 중복문헌

2. Kim SJ, Lee SH, Kim ES, Eoh W. Thermal-Induced Osteonecrosis of Adjacent Vertebra after Intradiscal Electrothermal Therapy. *Journal of Korean Neurosurgical Society*. 2017;60(1):114-7.

배제사유: 중복문헌

3. Park SY, Moon SH, Park MS, Kim HS, Choi YJ, Lee HK. Intradiscal Electrothermal Treatment for Chronic Lower Back Pain Patients with Internal Disc Disruption. *Yonsei Medical Journal*. 2005;46(4):539-45.

배제사유: 중복문헌

4. 노성우, 임승철. 추간판손상에 의한 만성요통 환자에서 추간반내 전기열치료의 효과. *Korean Journal of Pain*. 1997;10(0):38-42.

배제사유: 원문 확보 불가

5. 박찬홍, 이경규, 이상호. Efficacy of transforaminal laser annuloplasty versus intradiscal radiofrequency annuloplasty for discogenic low back pain. *Korean Journal of Pain*. 2019;32(2):113-9.

배제사유: 중복문헌