

BÖLÜM 32

KRONİK PELVİK AĞRI TANI VE TEDAVİ

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Giriş

Kronik pelvik ağrı, yaygın, zor ve maliyetli bir durumdur. Kronik pelvik ağrının tanımı ile ilgili görüş birliği eksikliği, bunun yaygınlığını ve tedavi alternatiflerinin başarısını tanımlamayı engellemiştir (1). Amerikan Kadın Hastalıkları ve Doğum Uzmanları Cemiyeti (ACOG), kronik pelvik ağrıyı “pelvik yapılardan / organlardan kaynaklandığı algılanan, 6 aydan uzun süren ağrı semptomları olarak tanımlamaktadır. Genellikle olumsuz bilişsel, davranışsal, cinsel ve duygusal sonuçları olmakla birlikte; alt üriner sistem, cinsel, gastrointestinal, pelvik taban, miyofasiyal veya jinekolojik işlev bozukluğunu düşündüren, semptomlarla da ilişkilidir” (2). Siklik pelvik ağrı, önemli bilişsel, davranışsal, sosyal ve duygusal sonuçlara sahipse kronik pelvik ağrı olarak kabul edilir (2). Siklik ağrı sendromları (örneğin dismenore, Mittelschmerz) kronik pelvik ağrı içinde ele alınmaz, fakat disparoni kronik pelvik ağrının bir bileşeni olarak kabul edilir.

Kronik pelvik ağrı, bazı yönlerden akut pelvik ağrıdan farklıdır. Akut ağrı, inflamatuvar, bulaşıcı veya anoksik bir olaydan ya da travmadan kaynaklanır. Ağrı devam ettiğinde, kronik bir stres

fenotipi ortaya çıkabilir ve bu, psikolojik ve fiziksel sonuçların kısır döngüsüyle karakterize olur. Uzun süreli aktivite kısıtlaması fiziksel bozulmaya neden olabilir. Devam eden korku, endişe ve sıkıntı, ruh halinde ve sosyal durumda uzun süreli bozulmaya yol açabilir. Duygudurum semptomları kronik ağrı sendromlarında yaygındır. Kronik pelvik ağrısı olan kadınların yaklaşık % 12-33’ünde majör depresyon izlenmektedir (3; 4; 5).

Epidemiyoloji

Dünya Sağlık Örgütü tarafından 2006 yılında yapılan, sistematik bir incelemede, yaygınlığın siklik olmayan ağrı için yaklaşık % 2, 1- % 24, disparoni için % 8- % 21, 1 ve dismenore için % 16, 8- % 81 arasında değiştiğini bulunmuştur (6). 2014’te yayınlanan bir derlemede, ‘en az 6 ay süren siklik olmayan ağrı’ tanımı kullanılmış, % 5, 7- % 26, 6 arasında değişen yaygınlık tahmininde bulunulmuştur (7). Kadın genital sistemi ile ilgili olmayan, kronik pelvik ağrıya katkıda bulunan durumları bilmek önemlidir. Bunların en yaygın olanları, irritabl bağırsak sendromu, ağrılı mesane sendromu, pelvik taban kas hassasiyeti ve

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yaklaşık yarısı, histerektomi sonrası ruhsal, fiziksel ve sosyal fonksiyonlarında iyileşme gösterecektir (58). Bununla birlikte, hastaların yaklaşık %40'ında kalıcı ağrı olacak ve en az % 5'i daha kötü ağrıya sahip olacaktır (59).

Sonuç

Kronik pelvik ağrı, kadınları fiziksel, psikolojik ve sosyal yönden etkileyerek yaşam kalitelerini düşürür. Kronik pelvik ağrılı hastalar, daha çok jinekoloji polikliniklerine başvurmaktadır. Neden- sel faktörler arasında gastrointestinal, ürolojik, nöromüskuloskeletal ve psikojenik faktörler gibi nonjinekolojik etkenler de sıklıkla yer alır. Bu sebeple, kronik pelvik ağrının takip ve tedavisinde multidisipliner yaklaşım tavsiye edilir.

KAYNAKLAR

- Williams RE, Hartmann KE, Steege JF. Documenting the current definitions of chronic pelvic pain: implications for research. *Obstet Gynecol.* 2004;103:686–691.
- Chronic pelvic pain. ACOG Practice Bulletin No. 218. American College of Obstetricians and Gynecologists. *Obstet Gynecol* 2020;135:e98–109.
- Learman LA, Gregorich SE, Schembri M. Symptom resolution after hysterectomy and alternative treatments for chronic pelvic pain: does depression make a difference? *Am J Obstet Gynecol* 2011 ve 204:269. e1–9.
- Ayorinde AA, Bhattacharya S, Druce KL. Chronic pelvic pain in women of reproductive and post-reproductive age: a population-based study. *Eur J Pain* 2017 ve 21:445–55.
- Allaire C, Williams C, Bodmer-Roy S. Chronic pelvic pain in an interdisciplinary setting: 1-year prospective cohort. *Am J Obstet Gynecol* 2018 ve 218:114. e1–12.
- Latthe P, Latthe M, Say L. WHO systematic review of prevalence of chronic pelvic pain: a neglected reproductive health morbidity. *BMC Public Health* 2006;6:177.
- Ahangari A. Prevalence of chronic pelvic pain among women: an updated review. *Pain Physician* 2014;17: E141–7.
- Williams RE, Hartmann KE, Sandler RS. Recognition and treatment of irritable bowel syndrome among women with chronic pelvic pain. *Am J Obstet Gynecol.* 2005;192:761–7.
- Cheng C, Rosamilia A, Healey M. Diagnosis of interstitial cystitis/bladder pain syndrome in women with chronic pelvic pain: a prospective observational study. *Int Urogynecol J* 2012;23:1361–6.
- Montenegro ML, Mateus-Vasconcelos EC, Rosa e Silva JC. Importance of pelvic muscle tenderness evaluation in women with chronic pelvic pain. *Pain Med* 2010;11:224–8.
- Tirlapur SA, Kuhrt K, Chaliha C. The 'evil twin syndrome' in chronic pelvic pain: a systematic review of prevalence studies of bladder pain syndrome and endometriosis. *Int J Surg* 2013;11:233–7.
- Brawn J, Morotti M, Zondervan KT. Central changes associated with chronic pelvic pain and endometriosis. *Hum Reprod Update* 2014;20:737–47.
- Aredo JV, Heyrana KJ, Karp BI. Relating chronic pelvic pain and endometriosis to signs of sensitization and myofascial pain and dysfunction. *Semin Reprod Med* 2017;35:88–97.
- Sharp HT. Myofascial pain syndrome of the abdominal wall for the busy clinician. *Clin Obstet Gynecol* 2003;46: 783–8.
- Champaneria R, Shah L, Moss J. The relationship between pelvic vein incompetence and chronic pelvic pain in women: systematic reviews of diagnosis and treatment effectiveness. *Health Technol Assess* 2016;20:1–108.
- Gunter J. Chronic pelvic pain: an integrated approach to diagnosis and treatment. *Obstet Gynecol Surv* 2003;58: 615–23.
- Steege JF, Siedhoff MT. Chronic pelvic pain. *Obstet Gynecol* 2014;124:616–29.
- Speer LM, Mushkbar S, Erbele T. Chronic pelvic pain in women. *Am Fam Physician* 2016;93:380–7.
- Neville CE, Fitzgerald CM, Mallinson T. A preliminary report of musculoskeletal dysfunction in female chronic pelvic pain: a blinded study of examination findings. *J Bodyw Mov Ther* 2012;16:50–6.
- Loving S, Thomsen T, Jaszczak P. Pelvic floor muscle dysfunctions are prevalent in female chronic pelvic pain: a cross-sectional population-based study. *Eur J Pain* 2014;18:1259–70.
- Ortiz DD. Chronic pelvic pain in women. *Am Fam Physician.* 2008;77(11):1535–1542.
- Yosef A, Allaire C, Williams C. Multifactorial contributors to the severity of chronic pelvic pain in women. *Am J Obstet Gynecol* 2016;215:760. e1–14.
- Evaluation and management of adnexal masses. Practice Bulletin No. 174. American College of Obstetricians and Gynecologists. *Obstet Gynecol* 2016;128:e210–26.
- Juhan V. Chronic pelvic pain: an imaging approach. *Diagn Interv Imaging* 2015;96:997–1007.
- Meredith SM, Sanchez-Ramos L, Kaunitz AM. Diagnostic accuracy of transvaginal sonography for the diagnosis of adenomyosis: systematic review and meta-analysis. *Am J Obstet Gynecol.* 2009;201(1):107. e1–107. e6.
- Skelly AC, Chou R, Dettori JR. Noninvasive nonpharmacological treatment for chronic pain: a systematic review. Comparative Effectiveness Review Number 209. AHRQ Publication No 18-EHC013-EF. Rockville, MD: Agency for Healthcare Research and Quality; 2018. <https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/nonpharma-chronic-pain-cer-209.pdf>
- Anderson RU, Wise D, Sawyer T. Equal improvement in men and women in the treatment of urologic chronic pelvic pain syndrome using a multi-modal protocol with an internal myofascial trigger point wand. *Appl*



- Psychophysiol Biofeedback 2016;41: 215–24.
28. Polpeta NC, Giraldo PC, Teatin Juliato CR. Clinical and therapeutic aspects of vulvodynia: the importance of physical therapy. *Minerva Ginecol* 2012; 64:437–45.
29. Sharma N, Rekha K, Srinivasan JK. Efficacy of transcutaneous electrical nerve stimulation in the treatment of chronic pelvic pain. *J Midlife Health* 2017;8:36–9.
30. Zoorob D, South M, Karram M. A pilot randomized trial of levator injections versus physical therapy for treatment of pelvic floor myalgia and sexual pain. *Int Urogynecol J* 2015;26:845–52.
31. Romao AP, Gorayeb R, Romao GS. High levels of anxiety and depression have a negative effect on quality of life of women with chronic pelvic pain. *Int J Clin Pract* 2009;63: 707–11.
32. Williams AC, Eccleston C, Morley S. Psychological therapies for the management of chronic pain (excluding headache) in adults. *Cochrane Database of Systematic Reviews* 2012, Issue 11. Art. No. : CD007407. DOI: 10.1002/14651858. CD007407. pub3.
33. Female sexual dysfunction. ACOG Practice Bulletin No. 213. American College of Obstetricians and Gynecologists. *Obstet Gynecol* 2019;134:e1–18.
34. Pereira VM, Arias-Carrion O, Machado S. Sex therapy for female sexual dysfunction. *Int Arch Med* 2013;6:37.
35. Caruso R, Ostuzzi G, Turrini G. Beyond pain: can antidepressants improve depressive symptoms and quality of life in patients with neuropathic pain? A systematic review and meta-analysis. *Pain* 2019;160:2186–98.
36. Lunn MP, Hughes RA, Wiffen PJ. Duloxetine for treating painful neuropathy, chronic pain or fibromyalgia. *Cochrane Database of Systematic Reviews* 2014, Issue 1. Art. No. : CD007115. DOI: 10.1002/14651858. CD007115. pub3.
37. Gallagher HC, Gallagher RM, Butler M. Venlafaxine for neuropathic pain in adults. *Cochrane Database of Systematic Reviews* 2015, Issue 8. Art. No. : CD011091. DOI: 10.1002/14651858. CD011091. pub2.
38. Moore RA, Derry S, Aldington D. Amitriptyline for neuropathic pain in adults. *Cochrane Database Syst Rev*. 2015, Issue 7. Art. No. : CD008242. DOI: 10.1002/14651858. CD008242. pub3.
39. Derry S, Wiffen PJ, Aldington D. Nortriptyline for neuropathic pain in adults. *Cochrane Database of Systematic Reviews* 2015, Issue 1. Art. No. : CD011209. DOI: 10.1002/14651858. CD011209. pub2.
40. Gilron I, Bailey JM, Tu D. Nortriptyline and gabapentin, alone and in combination for neuropathic pain: a double-blind, randomised controlled crossover trial. *Lancet* 2009;374:1252–61.
41. Carey ET, As-Sanie S. New developments in the pharmacotherapy of neuropathic chronic pelvic pain. *Future Sci OA* 2016;2: FSO148.
42. Lewis SC, Bhattacharya S, Wu O. Gabapentin for the management of chronic pelvic pain in women (GaPP1): a pilot randomised controlled trial. *PLoS One* 2016;11:e0153037.
43. Leite FM, Atallah ÁN, El Dib R. Cyclobenzaprine for the treatment of myofascial pain in adults. *Cochrane Database of Systematic Reviews* 2009, Issue 3. Art. No. : CD006830. DOI: 10.1002/14651858. CD006830. pub3.
44. Valentine LN, Deimling TA. Opioids and alternatives in female chronic pelvic pain. *Semin Reprod Med* 2018;36: 164–72.
45. Dowell D, Haegerich TM, Chou R. CDC guideline for prescribing opioids for chronic pain—United States, 2016. *JAMA* 2016;315:1624–45.
46. Oor JE, Unlu C, Hazebroek EJ. A systematic review of the treatment for abdominal cutaneous nerve entrapment syndrome. *Am J Surg* 2016;212:165–74.
47. Montenegro ML, Braz CA, Rosa-e-Silva JC. Anaesthetic injection versus ischemic compression for the pain relief of abdominal wall trigger points in women with chronic pelvic pain. *BMC Anesthesiol* 2015;15:175.
48. Scott NA, Guo B, Barton PM. Trigger point injections for chronic non-malignant musculoskeletal pain: a systematic review. *Pain Med* 2009;10:54–69.
49. Fouad LS, Pettit PD, Threadcraft M. Trigger point injections for pelvic floor myofascial spasm refractive to primary therapy. *J Endometr Pelvic Pain Disord* 2017;9:125–30.
50. Soares A, Andriolo RB, Atallah ÁN. Botulinum toxin for myofascial pain syndromes in adults. *Cochrane Database of Systematic Reviews* 2014, Issue 7. Art. No. : CD007533. DOI: 10.1002/14651858. CD007533. pub3.
51. Abbott J. Gynecological indications for the use of botulinum toxin in women with chronic pelvic pain. *Toxicon* 2009;54:647–53.
52. Daniels J, Gray R, Hills RK. Laparoscopic uterosacral nerve ablation for alleviating chronic pelvic pain: a randomized controlled trial. *LUNA Trial Collaboration. JAMA* 2009;302:955–61.
53. Proctor M, Latthe P, Farquhar C. Surgical interruption of pelvic nerve pathways for primary and secondary dysmenorrhoea. *Cochrane Database of Systematic Reviews* 2005, Issue 4. Art. No. : CD001896. DOI: 10.1002/14651858. CD001896. pub2.
54. Lin YC, Wan L, Jamison RN. Using integrative medicine in pain management: an evaluation of current evidence. *Anesth Analg* 2017;125:2081–93.
55. Huang AJ, Rowen TS, Abercrombie P. Development and feasibility of a group based therapeutic yoga program for women with chronic pelvic pain. *Pain Med* 2017;18:1864–72.
56. van den Beukel BA, de Ree R, van Leuven S. Surgical treatment of adhesion related chronic abdominal and pelvic pain after gynaecological and general surgery: a systematic review and meta analysis. *Hum Reprod Update* 2017;23:276–88.
57. Molegraaf MJ, Torensma B, Lange CP. Twelve-year outcomes of laparoscopic adhesiolysis in patients with chronic abdominal pain: a randomized clinical trial. *Surgery* 2017;161:415–21.
58. Hartmann KE, Ma C, Lamvu GM. Quality of life and sexual function after hysterectomy in women with preoperative pain and depression. *Obstet Gynecol*. 2004;104(4):701–709.
59. Lamvu G. Role of hysterectomy in the treatment of chronic pelvic pain. *Obstet Gynecol*. 2011;117(5):1175–1178.