

Supplementary Table 1. Results of combined PubMed, CINAHL and PsycLIT/PsycARTICLES/PsycINFO/Psychology and Behavioral Sciences Collection searches for ("interstitial cystitis" OR "bladder pain syndrome") AND ("mood disorder*" OR depressive OR antidepressant* OR depression OR depressed OR hyperthymic OR mania OR manic OR rapid cycl* OR dysthymi* OR dysphori*) on the 7th of November, 2023

1	Renshaw DC. Desipramine for interstitial cystitis. JAMA. 1988;260(3):341. PMID: 3379739.	No psysy
2	Hanno PM, Buehler J, Wein AJ. Use of amitriptyline in the treatment of interstitial cystitis. J Urol. 1989;141(4):846-8. doi: 10.1016/s0022-5347(17)41029-9. PMID: 2926877	No psysy
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4	Koziol JA, Clark DC, Gittes RF, Tan EM. The natural history of interstitial cystitis: a survey of 374 patients. J Urol. 1993;149(3):465-9. doi: 10.1016/s0022-5347(17)36120-7. PMID: 8437248	Survey
5	Whitmore KE. Self-care regimens for patients with interstitial cystitis. Urol Clin North Am. 1994;21(1):121-30. PMID: 8284835.	No psysy
6	Hanno PM. Amitriptyline in the treatment of interstitial cystitis. Urol Clin North Am. 1994;21(1):89-91. PMID: 8284851.	Review
7	Webster DC, Brennan T. Self-care strategies used for acute attack of interstitial cystitis. Urol Nurs. 1995;15(3):86-93. PMID: 7481892.	No psysy
8	Theoharides TC. Antidepressants, antihistamines, interstitial cystitis and cancer. J Urol. 1995;154(4):1481-2. PMID: 7658569.	No psysy
9	Slade D, Ratner V, Chalker R. A collaborative approach to managing interstitial cystitis. Urology. 1997;49(5A Suppl):10-3. doi: 10.1016/s0090-4295(99)80328-8. PMID: 9145998.	No psysy
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12	Hohlbrugger G, Riedl C. Non-bacterial cystitis. Curr Opin Urol. 2000;10(5):371-80. doi: 10.1097/00042307-200009000-00003. PMID: 11005439.	No psysy
13	Barkhuizen A. Pharmacologic treatment of fibromyalgia. Curr Pain Headache Rep. 2001;5(4):351-8. doi: 10.1007/s11916-001-0025-y. PMID: 11403739.	No psysy
14	Metts JF. Interstitial cystitis: urgency and frequency syndrome. Am Fam Physician. 2001;64(7):1199-206. PMID: 11601802.	No psysy
15	Parcell S. Sulfur in human nutrition and applications in medicine. Altern Med Rev. 2002;7(1):22-44. PMID: 11896744.	No psysy
16	Rothrock NE, Lutgendorf SK, Hoffman A, Kreder KJ. Depressive symptoms and quality of life in patients with interstitial cystitis. J Urol. 2002;167(4):1763-7. PMID: 11912405.	Included
17	Wammack R, Remzi M, Seitz C, Djavan B, Marberger M. Efficacy of oral doxepin and piroxicam treatment for interstitial cystitis. Eur Urol. 2002;41(6):596-600; discussion 601. doi: 10.1016/s0302-2838(02)00174-4. PMID: 12074775.	No psysy
18	Cózar Olmo JM, Martínez Morcillo A, Vicente Prados J, Tallada Buñuel M, Espejo Maldonado E. [Interstitial cystitis: update on pathogenesis, diagnosis, and treatment]. Arch Esp Urol. 2002 Nov;55(9):1153-64. PMID: 12564075. Spanish.	Review
19	Rothrock N, Lutgendorf SK, Kreder KJ. Coping strategies in patients with interstitial cystitis.	Included

	relationships with quality of life and depression. <i>J Urol.</i> 2003;169(1):233-6. doi: 10.1097/01.ju.0000037669.20893.f7. PMID: 12478143.	
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21	Chancellor MB, Yoshimura N. Treatment of interstitial cystitis. <i>Urology.</i> 2004;63(3 Suppl 1):85-92. doi: 10.1016/j.urology.2003.10.034. PMID: 15013658.	No psysy
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23	Klyman CM. Mysteries of the void: an analyst's view of female urination. <i>J Am Acad Psychoanal Dyn Psychiatry.</i> 2004;32(1):21-33. doi: 10.1521/jaap.32.1.21.28325. PMID: 15132187.	Off-target
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25	Bodden-Heidrich R. [Psychosomatic aspects of urogynaecology: model considerations on the pathogenesis, diagnosis and therapy]. <i>Zentralbl Gynäkol.</i> 2004;126(4):237-43. doi: 10.1055/s-2004-822760. PMID: 15389374. German.	Review
26	Klausner AP, Steers WD. Corticotropin releasing factor: a mediator of emotional influences on bladder function. <i>J Urol.</i> 2004;172(6 Pt 2):2570-3. doi: 10.1097/01.ju.0000144142.26242.f3. PMID: 15538210.	No psysy
27	Tincello DG, Walker AC. Interstitial cystitis in the UK: results of a questionnaire survey of members of the Interstitial Cystitis Support Group. <i>Eur J Obstet Gynecol Reprod Biol.</i> 2005;118(1):91-5. doi: 10.1016/j.ejogrb.2004.06.012. PMID: 15596280.	Survey
28	Novi JM, Jeronis S, Srinivas S, Srinivasan R, Morgan MA, Arya LA. Risk of irritable bowel syndrome and depression in women with interstitial cystitis: a case-control study. <i>J Urol.</i> 2005;174(3):937-40. doi: 10.1097/01.ju.0000169258.31345.5d. PMID: 16093997.	Included
29	van Ophoven A, Hertle L. Long-term results of amitriptyline treatment for interstitial cystitis. <i>J Urol.</i> 2005;174(5):1837-40. doi: 10.1097/01.ju.0000176741.10094.e0. PMID: 16217303.	No psysy
30	Wu EQ, Birnbaum H, Mareva M, Parece A, Huang Z, Mallett D, Taitel H. Interstitial Cystitis: Cost, treatment and co-morbidities in an employed population. <i>Pharmacoeconomics.</i> 2006;24(1):55-65. doi: 10.2165/00019053-200624010-00005. PMID: 16445303.	Included
31	Phatak S, Foster HE Jr. The management of interstitial cystitis: an update. <i>Nat Clin Pract Urol.</i> 2006;3(1):45-53. doi: 10.1038/ncpuro0385. PMID: 16474494.	Review
32	Lucas HJ, Brauch CM, Settas L, Theoharides TC. Fibromyalgia--new concepts of pathogenesis and treatment. <i>Int J Immunopathol Pharmacol.</i> 2006;19(1):5-10. PMID: 16569342.	No psysy
33	Clemens JQ, Brown SO, Kozloff L, Calhoun EA. Predictors of symptom severity in patients with chronic prostatitis and interstitial cystitis. <i>J Urol.</i> 2006;175(3 Pt 1):963-6; discussion 967. doi: 10.1016/S0022-5347(05)00351-4. PMID: 16469592.	No psysy
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35	Nishijima S, Sugaya K, Yamada T, Miyazato M, Ogawa Y. Efficacy of tricyclic antidepressant is associated with beta2-adrenoceptor genotype in patients with interstitial cystitis. <i>Biomed Res.</i> 2006;27(4):163-7. doi: 10.2220/biomedres.27.163. PMID: 16971769.	No psysy
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39	Teichman JM, Parsons CL. Contemporary clinical presentation of interstitial cystitis. <i>Urology.</i> 2007;69(4 Suppl):41-7. doi: 10.1016/j.urology.2006.08.1111. PMID: 17462478.	Review
40	Ruiz Cerdá JL. [Urethral and scrotal pain syndromes]. <i>Actas Urol Esp.</i> 2007;31(4):338-44. doi: 10.1016/s0210-4806(07)73646-x. PMID: 17633918. Spanish.	Off-target
41	Tietjen GE, Herial NA, Hardgrove J, Utley C, White L. Migraine comorbidity constellations. <i>Headache.</i> 2007;47(6):857-65. doi: 10.1111/j.1526-4610.2007.00814.x. PMID: 17578536.	Off-target
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43	McKinlay JB, Link CL. Measuring the urologic iceberg: design and implementation of the Boston Area Community Health (BACH) Survey. <i>Eur Urol.</i> 2007;52(2):389-96. doi: 10.1016/j.eururo.2007.03.013. Epub 2007 Mar 19. PMID: 17383808.	Survey
44	Fan YH, Lin AT, Wu HM, Hong CJ, Chen KK. Psychological profile of Taiwanese interstitial cystitis patients. <i>Int J Urol.</i> 2008;15(5):416-8. doi: 10.1111/j.1442-2042.2008.02020.x. PMID: 18452458.	Included
45	Nodera H. [Use of botulinum toxin for pain therapy]. <i>Brain Nerve.</i> 2008;60(5):503-8. PMID: 18516972. Japanese.	No psysy
46	Clemens JQ, Meenan RT, O'Keeffe Rosetti MC, Kimes TA, Calhoun EA. Case-control study of medical comorbidities in women with interstitial cystitis. <i>J Urol.</i> 2008;179(6):2222-5. doi: 10.1016/j.juro.2008.01.172. Epub 2008 Apr 18. PMID: 18423759.	Included
47	Link CL, Pulliam SJ, Hanno PM, Hall SA, Eggers PW, Kusek JW, McKinlay JB. Prevalence and psychosocial correlates of symptoms suggestive of painful bladder syndrome: results from the Boston area community health survey. <i>J Urol.</i> 2008;180(2):599-606. doi: 10.1016/j.juro.2008.04.009. Epub 2008 Jun 12. PMID: 18554658.	Survey
48	Hall SA, Link CL, Pulliam SJ, Hanno PM, Eggers PW, Kusek JW, McKinlay JB. The relationship of common medical conditions and medication use with symptoms of painful bladder syndrome: results from the Boston area community health survey. <i>J Urol.</i> 2008;180(2):593-8. doi: 10.1016/j.juro.2008.04.002. Epub 2008 Jun 12. PMID: 18554659.	Survey
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50	Goldstein HB, Safaeian P, Garrod K, Finamore PS, Kellogg-Spadt S, Whitmore KE. Depression, abuse and its relationship to interstitial cystitis. <i>Int Urogynecol J Pelvic Floor Dysfunct.</i> 2008;19(12):1683-6. doi: 10.1007/s00192-008-0712-x. Epub 2008 Sep 3. PMID: 18766291.	Included
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53	van Ophoven A. [From end-organ disease to a classifiable bladder pain syndrome: paradigm shift in the understanding of urological pain syndromes exemplified by the condition currently called interstitial cystitis]. <i>Urologe A</i> . 2009;48(2):156-62. doi: 10.1007/s00120-008-1881-4. PMID: 18946652. German.	Review
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56	Tripp DA, Nickel JC, Fitzgerald MP, Mayer R, Stechyson N, Hsieh A. Sexual functioning, catastrophizing, depression, and pain, as predictors of quality of life in women with interstitial cystitis/painful bladder syndrome. <i>Urology</i> . 2009;73(5):987-92. doi: 10.1016/j.urology.2008.11.049. PMID: 19394494.	Off-target
57	Siedentopf F. [Chronic pelvic pain in women from a gynecologic viewpoint]. <i>Urologe A</i> . 2009;48(10):1193-4,1196-8. doi: 10.1007/s00120-009-2041-1. PMID: 19777202. German.	Review
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60	Nickel JC, Tripp DA, Pontari M, Moldwin R, Mayer R, Carr LK, Doggweiler R, Yang CC, Mishra N, Nordling J. Psychosocial phenotyping in women with interstitial cystitis/painful bladder syndrome: a case control study. <i>J Urol</i> . 2010;183(1):167-72. doi: 10.1016/j.juro.2009.08.133. PMID: 19913812.	Off-target
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80	Kaneko G, Nishimoto K, Ito Y, Uchida A. The combination therapy of prednisolone and tacrolimus for severe painful bladder syndrome/interstitial cystitis. <i>Can Urol Assoc J.</i> 2012;6(2):E46-9. doi: 10.5489/cuaj.10134. PMID: 22511431.	No psysy
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82	Weissman M. Translating epidemiology in psychiatry: the future is here. <i>Epidemiol Psychiatr Sci.</i> 2012;21(2):167-9. doi: 10.1017/S2045796012000054. PMID: 22789165.	Off-target
83	Hepner KA, Watkins KE, Elliott MN, Clemens JQ, Hilton LG, Berry SH. Suicidal ideation among patients with bladder pain syndrome/interstitial cystitis. <i>Urology.</i> 2012;80(2):280-5. doi: 10.1016/j.urology.2011.12.053. Epub 2012 Jun 1. PMID: 22658505.	Included
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85	Demir F, Ozcimen EE, Oral HB. The role of gynecological, urological, and psychiatric factors in chronic pelvic pain. <i>Arch Gynecol Obstet.</i> 2012;286(5):1215-20. doi: 10.1007/s00404-012-2443-y. Epub 2012 Jul 5. PMID: 22763924.	Off-target
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32 4	Williams DP, Chelimsky G, McCabe NP, Koenig J, Singh P, Janata J, Thayer JF, Buffington CA, Chelimsky T. Effects of chronic pelvic pain on heart rate variability in women. <i>J Urol</i> . 2015;194(5):1289-94. doi: 10.1016/j.juro.2015.04.101. Epub 2015 May 9. PMID: 25963185; PMCID: PMC8753597.	No psysy
32 5	Carey ET, Geller EJ, Rapkin A, Farb D, Cutting H, Akaninwor J, Stirling C, Bortsov A, McNulty S, Merrill P, Zakrotsky P, DeLaRosa J, Luo S, Nackley AG. Rationale and design of a multicenter randomized clinical trial of vestibulodynia: understanding pathophysiology and determining appropriate treatments (vestibulodynia: UPDATE). <i>Ann Med</i> . 2022;54(1):2885-2897. doi: 10.1080/07853890.2022.2132531. PMID: 36269028; PMCID: PMC9624211.	Protocol
32 6	Khera M, Albersen M, Mulhall JP. Mesenchymal stem cell therapy for the treatment of erectile dysfunction. <i>J Sex Med</i> . 2015;12(5):1105-6. doi: 10.1111/jsm.12871. PMID: 25974235.	Opinion

32 7	Imamura M, Scott NW, Wallace SA, Ogah JA, Ford AA, Dubos YA, Brazzelli M. Interventions for treating people with symptoms of bladder pain syndrome: a network meta-analysis. <i>Cochrane Database Syst Rev.</i> 2020 Jul 30;7(7):CD013325. doi: 10.1002/14651858.CD013325.pub2. PMID: 32734597; PMCID: PMC8094454.	Review
32 8	NCT05260112 - Smartphone-based Self-care Education Program for Women With Interstitial Cystitis: Educational Remote IC Aide	No data
32 9	NCT05752344 - Interstitial Cystitis: Monitoring of the Psychic State and Counseling Intervention in the COVID-19 Era	No data
33 0	NCT04734106 - Safety and Efficacy of <i>Aloe Vera</i> in the Management of the Symptoms of Interstitial Cystitis	No data
33 1	NCT05155384 - Biopsychosocial and Conventional Approach in Bladder Pain Syndrome	No data
33 2	NCT00420550 - Study of Biomarkers and the Relaxation Response Using Guided Imagery in Women With IC	No data
33 3	NCT05630742 - Quality of Life Analysis in Bladder Pain Syndrome/Interstitial Cystitis	Duplicate 223
33 4	NCT01410461 - Identifying Predictors of Treatment Success in Painful Bladder Syndrome	No data
33 5	NCT04401176 - Bladder Instillations Versus Onabotulinumtoxin A for Treatment of Interstitial Cystitis/Bladder Pain Syndrome	No data
33 6	NCT01616992 - Interstitial Cystitis: Elucidation of the Psychophysiologic and Autonomic Characteristics (ICEPAC) Study	Duplicate 324
33 7	NCT03844412 - Vestibulodynia: Understanding Pathophysiology and Determining Appropriate Treatments	No data
33 8	NCT04001244 - Translational Research in Pelvic Pain	No data
33 9	NCT02286115 - Life-Stress Interview for Women With Chronic Urogenital Pain Conditions	Duplicate 303
34 0	NCT04824820 - Improving Female Sexual Wellness	No data
34 1	NCT01953523 - Safety and Clinical Outcomes Study: SVF Deployment for Orthopedic, Neurologic, Urologic, and Cardio-pulmonary Conditions	Duplicate 326

Included 63

Excluded 278

No psychiatric/psychological symptoms 84

Off-target 48

Review 35

No data 12

Animal 8

Opinion 7

Survey 5

No IC/BPS 3

Protocol 3

Unrelated 1

Lumping 1

Overlap	0
Duplicates	71