

Treatment of Chronic Testicular/Groin Pain Through Surgical and Non-Surgical Treatment Modalities

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Abstract (260 words)

At present, surgical intervention for the treatment of chronic pain in the testicle/groin is a recognized and accepted treatment modality. Sadly, there are few non-surgical/medicinal interventions that have demonstrated levels of efficacy in the treatment of this condition. Further complicating treatment is that the causal factors of this condition are challenging to identify and differ on a case-by-case basis. As emotional intelligence (EI) has previously been demonstrated to have an impact on perception of pain as well as level of relief post-surgical treatment, the PUR Clinic is currently engaging in an effort to determine whether or not measuring EI can provide insight regarding which patients are likely to respond better to surgical intervention as well as which patients are able to manage and work through their daily pain experience more effectively. Further discussion with regard to the potential surgical treatments will be included.
The current research uses a quantitative methodology with a self-report survey approach to data collection. Measures used include the Trait Emotional Intelligence Questionnaire Short Form (TEIQue-SF) (Petrides, 2009) and the Pain Index Questionnaire 6 (PIQ-6) (Baker, Schwartz, Saris-Baglama, Kosinski, and Bjorner, 2007). Data was collected in a single center and at present has a relatively small sample size of 59 participants. Data collection will continue through 2018. Preliminary analyses indicate significant relationships between level of chronic pain and level of emotional intelligence possessed by participants. Implications include the development of more effective non-surgical treatment modalities, more effective pre-surgical preparation as well as identification of patients more likely to respond favorably to surgical intervention to treat chronic groin/testicular pain.

Biography(100-150 words)
Dr. Jamin Brahmbatt, M.D. is a board certified urologic surgeon. He is Co-Director of the PUR Clinic-global leaders for the treatment of chronic groin/testicular pain. He is an active member of several professional healthcare organizations including the Florida Urologic Society where he serves on the executive board. Dr Brahmbhatt is a TEDx speaker, on-air health expert, Top 40 under 40, and recipient of numerous patient choice awards. He routinel serves as an expert for TV and print publications including Fox News, USA Today, Men's Health Magazine, Reader's Digest, and Huffpost. He is co-founder of the Drive 4 Men's Health, a nonprofit public engagement campaign that has encouraged millions of men to eat better, get active, and engage in preventative medical screenings. He speaks on topics including physician burnout, improving quality of healthcare, men's health and inspiring our future generations.

Dr. Sijo Parekattil, M.D., is Co-Director of The PUR Clinic (Personalized Urology & Robotics) at South Lake Hospital & Orlando Health. He was an Electrical Engineer (University of Michigan) prior to his medical training and thus has interests in surgical techniques incorporating technology, robotics and microsurgery. He is a global leader for the treatment of chronic groin/testicular pain. He completed his urology residency training at Albany Medical Center and then went onto complete dual fellowship training from the Cleveland Clinic Foundation, Cleveland in Laparoscopy/Robotic Surgery and Microsurgery/Male Infertility. He is co-founder of the Drive 4 Men's Health, a nonprofit public engagement campaign that has encouraged millions of men to eat better, get active, and engage in preventative medical screenings. Dr. Parekattil has published numerous peer reviewed articles on medical journals on topics related to urology, chronic pain, and effective surgical and non-invasive treatment modalities for addressing chronic pain.

Dr. Richard A. Mendelson, Ph. D. is a Professor of I/O Psychology at Keiser University in Ft. Lauderdale, FL and a member of the Consortium for Research on Emotional Intelligence in Organizations (CREIO). His current research agenda includes work related to potential Emotional Intelligence (EI) based treatment modalities for patients suffering chronic pain. He serves as the Director of Research to the PUR Clinic in Clermont, FL and is an Internal Team Member/Lead Psychologist for the International Space Medicine Consortium. He has consulted regarding the application of (EI) to non-traditional security measures to the European Central Bank and worked with the International Space Medicine Consortium (ISMC) in an effort to use EI and AI technologies to monitor and interpret human bio-data for predictive purposes and to develop interventions necessary to improve and enhance team function and performance. Dr. Mendelson holds a Ph. D. in Industrial and Organizational Psychology from Capella University.

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