



Holistic Understanding of Pelvic Floor Support

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Abstract

Pelvic floor generally still a grey area in medical field. Chronic diseases in pelvic floor area: pelvic floor disorder and Anal Sphincter disorder exposes the patient to risk of permanent anal incontinence. Transvaginal sling surgery which is supposed to be gold standard treatment for urinary incontinence, on the other hand has caused serious complication lead to more than a hundred thousand of lawsuit globally. This sling surgery is based on relatively new integral theory (IT) which is contradicting with long established understanding of pelvic floor support. Even among urogynecologists there were dispute about the IT right from beginning. As situation of sling complication worsens, more surgeon do not agree with IT. The sling complication happens everywhere. The risk of the complication is not significantly associated with any country, hospital, surgeon, or brand of the product. The world seems to be blaming on the material used to make the sling or mesh. But recent study on hernia mesh suggests the mesh material does not associate with the complication. With all these confusion, we should draw a conclusion: there is a clear need to revisit the current understanding of modern medicine on pelvic floor. Sharing in the presentation will be an innovative holistic understanding of pelvic floor based on old established simple support theory prior to IT. With this, the understanding of pelvic floor, anorectal and pelvic floor disorders and their interrelation between each other are better understood. This has been explored and show promising evidence pelvic floor and anorectal disorders, including sling complication would be managed with much better therapeutic outcome.

Biography

Associate Professor Dr. Chew Heng Hai, adjunct researcher and innovation consultant of AIMST University, a general practitioner, medical researcher and medical device inventor. He is also chairman and co-founder of MedicMINDS (Medical subdivision of Malaysian Invention and Design Society). He has invented multiple medical devices and won multiple local and international invention awards including green technology champion of Malaysia and global Top 5 in Clean Tech Open 2010. He has deep interest in simple non-invasive mechanical solution for medical problems. Since the past 1 and half decade he has been studying medical problems related to pelvic floor. His research activities have led to better understanding of pelvic floor support system and discovery of a simple approach to otherwise complicated medical problems related to pelvic floor. This conservative concept has been recommended as first line intervention in multiple clinical guidelines and international surgical textbooks for various anorectal and pelvic floor disorders.

Publication

1. Yu Chye Wah & Chew Heng Hai (2017) Pelvic Floor Support, Obstetric.
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3. Yu Chye Wah & Chew Heng Hai (2016) Therapeutic Potential of Mechanical Protection of Pelvic Floor during Pregnancy. Gynaecology and Perinatology.
4. Lin Da Aw et al (2015) Bowel Aid as Supplementary Management in Mesh Complication Related Pain: A Case Report. International Journal of Medical Research & Health Science.
5. Kok-Yang Tan et al (2009) Posterior Perianal Support as Treatment for Anal Fissures- Preliminary Result with a New Toilet Seat Device. Technique in Coloproctology.