# The Physiological Impacts of Genital Weightlifting Conditioning: Exploring Iron Crotch Practice for Enhanced Sexual Function, Premature Ejaculation, Penile Dysfunction, Impotence, Hormonal Balance, and Prostate Health

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**Abstract**—This study explores "Iron Crotch Kung Fu," a unique practice involving genital weightlifting. While the practice has historical significance, its potential health benefits, particularly in sexual function and overall well-being, remain largely anecdotal. To bridge the gap between tradition and modern science, this study proposes a modified Iron Crotch training program integrating principles from Pelvic Floor Muscle Training (PFMT). This integrated approach offers a safer and more effective pathway to harness the potential benefits of Iron Crotch, including enhanced sexual function, improved pelvic floor health, and increased core strength. The study delves into the historical context, technical methodologies, and potential physiological impacts of Iron Crotch, while highlighting the importance of careful practice under expert guidance. By integrating historical context, practical techniques, and scientific insights, this study aims to provide a balanced perspective on Iron Crotch and its potential role in modern health and wellness practices.

**Keywords**—Iron Crotch, iron crotch kung fu, Diao Gung, genital weightlifting, back pain, erectile dysfunction, exercise, exercise therapy, female athletes, hormonal balance, hypertonicity, martial arts, meta-analysis, overactivity, pelvic floor, pelvic floor disorders, pelvic floor muscle dysfunction, pelvic floor muscle training, pelvic floor physical therapy, penile dysfunction, physical health, physical medicine, physiotherapy, premature ejaculation, prostate health, provoked vestibulodynia, resistance training, sexual dysfunction, sexual health, sexual medicine, sexual orientation, systematic review, traditional health practices, urinary incontinence, urodynamics, vaginismus, vestibulodynia, women's health, PFMT.

#### I. INTRODUCTION

Iron Crotch has emerged as a captivating yet controversial practice within the martial arts realm. This unique discipline, rooted in Taoist philosophies and ancient Chinese healing traditions, stands out for its focus on training the male genitalia to withstand significant physical stress through lifting heavy weights with the pelvic floor muscles. While Iron Crotch's extreme nature garners much attention, it shares underlying principles with pelvic floor muscle training (PFMT), a practice with a growing body of scientific evidence supporting its therapeutic applications in sexual health, pelvic dysfunction management, and overall well-being.

In recent years, PFMT has established itself as a non-

invasive intervention with demonstrably positive impacts on various sexual dysfunctions. Studies [1,2,3] have consistently shown a link between pelvic floor muscle rehabilitation and improved erectile function, better ejaculatory control in men [1,16], and a general improvement in sexual health for both men and women experiencing pelvic dysfunctions like hightone pelvic floor disorders [19, 20]. These training regimens often incorporate a combination of isometric and isotonic contractions [4], and the mechanics of pelvic muscle activation seem to play a crucial role in neurovascular health [4]. Through the interplay of muscle contractions, blood flow regulation, and hormonal responses, pelvic floor exercises can influence broader health factors, including testosterone levels and prostate function [4]. A systematic review [1] highlighted a significant improvement in erectile function among men who engaged in pelvic floor training, particularly when coupled with biofeedback mechanisms, suggesting both psychological and physiological benefits.

This study delves into Iron Crotch, aiming to examine the practice within the context of scientifically supported health benefits. The study explores the potential common ground between Iron Crotch and PFMT in promoting sexual function, prostate health, and hormonal balance. The exploration weaves together historical perspectives, the latest scientific research, and analyses of the physiological impacts to bridge the gap between traditional martial arts and contemporary therapeutic insights. By critically evaluating Iron Crotch in light of modern scientific advancements in PFMT, this study hopes to illuminate the true physiological effects of this practice and its place within the broader landscape of health and wellness.

Systematic Review of Pelvic Floor Muscle Training

A systematic review of Pelvic Floor Muscle Training (PFMT) was conducted, examining 21 relevant studies:

1. Pelvic Floor Muscle Training for Erectile Dysfunction and Premature Ejaculation

This study investigated the effectiveness of pelvic floor muscle training (PFMT) in treating erectile dysfunction (ED)

and premature ejaculation (PE) in men. Pelvic floor muscles play a crucial role in various bodily functions, including sexual function, urinary continence, and bowel control. Weak pelvic floor muscles can contribute to a range of issues, including erectile dysfunction (ED), premature ejaculation (PE), and incontinence. A growing body of evidence suggests that pelvic floor muscle training (PFMT) can effectively address these issues. Traditionally, these conditions have been managed with medications, but this research explores the potential of a non-pharmaceutical approach [1].

*Methods*: A comprehensive literature search was conducted across various databases to identify relevant studies published before January 2018.

*Inclusion criteria*: Male participants over 18 years old diagnosed with ED or PE, with no history of neurological injury or major urological surgery. Two independent reviewers assessed the methodological quality of the included studies.

Results: Ten studies met the inclusion criteria. All studies reported improvements and even cure rates for ED following PFMT compared to control groups. The majority of studies showed improvement in PE outcomes, although cure rates varied more widely. Training protocols differed significantly in terms of therapist involvement, concurrent interventions, duration, frequency, and intensity.

*Limitations*: The included studies were generally of low to moderate methodological quality, with inconsistencies in reporting. High heterogeneity among studies prevented data pooling for a more robust analysis.

Conclusion: This systematic suggests that PFMT is a promising approach for treating ED and PE. However, the optimal training protocol remains unclear due to variations in existing studies. Erectile dysfunction (ED) and premature ejaculation (PE) are common sexual dysfunctions that can significantly impact a man's quality of life. While traditional treatments often involve pharmacological interventions, recent research has highlighted the potential benefits of pelvic floor muscle training (PFMT) as a non-pharmacological approach.

#### 2. Pelvic Floor Muscle Training and Sexual Function

The pelvic floor muscles play a crucial role in sexual function, including erection, ejaculation, and sensation. Weakness or dysfunction of these muscles can contribute to ED and PE. PFMT involves a series of exercises designed to strengthen and improve the function of the pelvic floor muscles [2].

Evidence Supporting PFMT: A growing body of evidence suggests that PFMT can be an effective treatment for both ED and PE. Several studies, including randomized controlled trials and observational studies, have demonstrated positive outcomes. These studies have shown that PFMT can:

Improve erectile function: By strengthening the pelvic

floor muscles, PFMT can enhance blood flow to the penis, leading to improved erections.

*Delay ejaculation*: PFMT can help in delaying ejaculation by improving control over the pelvic floor muscles.

Enhance sexual satisfaction: By addressing underlying physical issues, PFMT can contribute to increased sexual satisfaction.

The Role of Manual Therapy: In addition to PFMT, manual therapy techniques, such as massage and mobilization, can be beneficial in addressing musculoskeletal dysfunction that may contribute to sexual dysfunction. These techniques can help to relax tight muscles, improve blood flow, and reduce pain.

Pelvic floor rehabilitation, which combines PFMT and manual therapy, offers a promising approach to the treatment of ED and PE. It is a non-invasive, safe, and effective treatment option that can be used in conjunction with other therapies.

However, it is important to note that the optimal training protocol for PFMT is still being investigated. Further research is needed to establish standardized guidelines for the duration, frequency, and intensity of PFMT. Additionally, individualizing treatment plans to address specific patient needs is crucial for achieving optimal outcomes.

Conclusion: By incorporating PFMT into a comprehensive treatment plan, healthcare providers can help men with sexual dysfunction improve their quality of life and sexual satisfaction.

## 3. The Role of Pelvic Floor Rehabilitation in Erectile Dysfunction

Erectile dysfunction (ED) is a common sexual disorder that can significantly impact a man's quality of life. While traditional treatments often focus on pharmacological interventions, recent research has highlighted the potential benefits of pelvic floor muscle training (PFMT) as a non-pharmacological approach [3].

Pelvic Floor Muscles and Erectile Function: The pelvic floor muscles play a crucial role in sexual function, including erection, ejaculation, and sensation. Weakness or dysfunction of these muscles can contribute to ED.

*PFMT for ED*: A growing body of evidence suggests that PFMT can be an effective treatment for ED. Several randomized controlled trials have demonstrated positive outcomes. These studies have shown that PFMT can:

*Improve blood flow to the penis*: By strengthening the pelvic floor muscles, PFMT can enhance blood flow to the penis, leading to improved erections.

Enhance sexual satisfaction: By addressing underlying physical issues, PFMT can contribute to increased sexual satisfaction.

Conclusion: Pelvic floor muscle training is a promising

non-pharmacological treatment for ED. It is a safe and effective approach that can be used in conjunction with other therapies. However, it's crucial to consult with a healthcare professional or a qualified pelvic floor therapist to develop an individualized treatment plan. As research continues to evolve, the role of PFMT in the management of ED is likely to expand.

4. The Role of Pelvic Floor Muscles in Sexual Function and Response

The pelvic floor muscles (PFMs) are a group of muscles that form the base of the pelvis. While traditionally associated with urinary and bowel function, recent research has highlighted their significant role in sexual function and response. This systematic review aims to evaluate the evidence regarding the association between PFM function and sexual outcomes in women without pelvic pain or pelvic floor disorders [4].

Methods: A comprehensive literature search was conducted in eight electronic databases to identify relevant studies. Both interventional and observational studies were included. The quality of each study was assessed using the Mixed Methods Appraisal Tool. Meta-analyses were performed where appropriate, and a narrative synthesis was conducted for other studies.

*Results*: A total of 33 studies met the inclusion criteria. The findings revealed a strong association between PFM function and sexual function/response.

*Interventional Studies*: Ten out of 14 interventional studies demonstrated that PFM modalities, such as pelvic floor muscle training (PFMT), had a significant positive impact on sexual function.

Observational Studies: A meta-analysis revealed a moderate correlation between PFM strength and sexual function. Additionally, observational studies showed that the PFMs are involved in arousal and orgasm.

Clinical Implications: The results of this review highlight the importance of the PFMs in sexual function and response. This suggests that PFMT may be a valuable tool in the management of sexual dysfunction in women, even in the absence of pelvic pain or pelvic floor disorders.

5. Pelvic Floor Muscle Training for Post-Prostatectomy Erectile Dysfunction

Erectile dysfunction (ED) is a common complication following radical prostatectomy. While various treatments exist, pelvic floor muscle training (PFMT) has emerged as a promising non-pharmacological approach to improve sexual function after surgery. This review aims to evaluate the current evidence regarding the effectiveness of PFMT in managing post-prostatectomy ED [5].

Methods: A comprehensive literature search was

conducted using PubMed, EMBASE, CINAHL, Medline, and PEDro databases. Studies that investigated the effects of PFMT on erectile function after radical prostatectomy were included. The quality of the included studies was assessed using the Modified Downs and Black Checklist.

Results: The review identified nine studies, including randomized controlled trials and observational studies. While most studies demonstrated improvements in erectile function with PFMT, the quality of evidence was variable. Several limitations were identified, including small sample sizes, lack of standardized training protocols, and inadequate blinding.

*Clinical Implications*: While the available evidence suggests that PFMT may be beneficial for post-prostatectomy ED, further high-quality research is needed to confirm these findings. Future studies should address the following:

Standardized Training Protocols: Developing clear and consistent training protocols to optimize outcomes.

Adherence to Exercise: Implementing strategies to improve patient adherence to PFMT regimens.

*Innovative Techniques*: Exploring the use of biofeedback and other advanced techniques to enhance PFMT effectiveness.

Conclusion: Pelvic floor muscle training shows promise as a non-invasive treatment option for post-prostatectomy ED. However, more rigorous research is needed to establish its optimal role in the management of this condition. Future studies should focus on developing evidence-based guidelines for PFMT and investigating the underlying mechanisms of action.

6.Assessing and Treating Sexual Dysfunction in Overactive Pelvic Floor (OPF) Patients

Overactive Pelvic Floor (OPF) syndrome is a condition characterized by excessive tension and contraction of the pelvic floor muscles. This can lead to a range of symptoms, including pelvic pain, difficulty with sexual function, and urinary and bowel dysfunction [6].

Assessment of Pelvic Floor Dysfunction: A comprehensive assessment of OPF should include:

*Medical History*: Detailed medical and gynecological history, including information about pain, sexual function, and bowel and bladder symptoms.

*Psychological Evaluation*: Assessment of psychological factors such as anxiety, depression, and stress, as these can contribute to or exacerbate OPF symptoms.

*Pelvic Floor Muscle Examination*: This involves a physical examination of the pelvic floor muscles, including assessment of muscle tone, trigger points, and tenderness.

*Diagnostic Tools*: Several diagnostic tools can be used to assess pelvic floor function:

*Digital Palpation*: A manual examination to assess muscle tone and tenderness.

*Electromyography (EMG)*: Measures the electrical activity of the muscles to assess muscle tone and activity patterns.

*Manometry*: Measures the pressure generated by the pelvic floor muscles during contraction and relaxation.

*Ultrasonography*: Visualizes the pelvic floor muscles to assess their structure and function.

*Dynamometry*: Measures the strength of the pelvic floor muscles.

Treatment of Sexual Dysfunction in OPF Patients: A multimodal approach is often necessary to address sexual dysfunction in OPF patients. Treatment may include:

Pelvic Floor Physical Therapy:

Pelvic floor muscle relaxation techniques Biofeedback Manual therapy Dilator therapy

Psychological Interventions:

Cognitive-behavioral therapy (CBT) Mindfulness-based stress reduction Sex therapy

*Medical Interventions*: Medications, such as muscle relaxants or antispasmodics, may be used in certain cases. Botulinum toxin injections can be considered for severe cases of muscle spasm.

Conclusion: A comprehensive assessment of pelvic floor function is essential for diagnosing and treating sexual dysfunction in OPF patients. A multimodal approach, combining physical therapy, psychological interventions, and, in some cases, medical treatments, can be effective in improving sexual function and overall quality of life.

## 7. Pelvic Floor Muscle Training for Lifelong Premature Ejaculation

Premature ejaculation (PE) is a common sexual dysfunction that can significantly impact a man's quality of life. While pharmacological interventions are available, behavioral therapies, such as pelvic floor muscle training (PFMT), offer a non-pharmacological approach. This case series explores the effectiveness of PFMT in addressing lifelong PE [7].

*Methods*: Seventy-eight men with lifelong PE were enrolled in a training program that focused on three key components:

*Pelvic Floor Muscle Awareness*: Patients were educated about the role of the pelvic floor muscles in sexual function and taught to identify and contract these muscles.

Timing of Contraction: Patients were instructed to contract

their pelvic floor muscles during the pre-ejaculatory phase to delay ejaculation.

*Pelvic Floor Rehabilitation*: Patients underwent PFMT, including biofeedback, pelvic exercises, and, in some cases, electrostimulation, to improve muscle strength, endurance, and coordination.

Results: Approximately 54% of patients who completed the training program achieved a cure of PE, as defined by the ability to delay ejaculation. The most significant improvements were observed in younger patients (aged <35), with a cure rate of 65%. The average intravaginal ejaculation latency time (IELT) increased from less than 2 minutes to over 10 minutes in a subgroup of patients. Importantly, no adverse side effects were reported.

Conclusion: This case series suggests that PFMT can be an effective treatment for lifelong PE. By improving pelvic floor muscle control and delaying ejaculation, PFMT can enhance sexual satisfaction and quality of life. However, it is important to note that this therapy requires significant patient commitment and may take several months to achieve optimal results. Future research is needed to further validate the efficacy of PFMT and to optimize treatment protocols.

#### 8. Pelvic Floor Muscle Training for Female Athletes

Pelvic floor dysfunction (PFD) is a prevalent issue among female athletes, impacting their performance and quality of life. Pelvic floor muscle training (PFMT) has emerged as a potential non-invasive approach to address PFD. This review aims to evaluate the effectiveness of therapeutic exercise programs in improving pelvic floor muscle function in female athletes and physically active women [8].

*Methods*: A comprehensive literature search was conducted across various databases to identify relevant studies published between January 2010 and May 2020. The selection criteria included clinical trials that investigated the effects of therapeutic exercise programs on PFM function in female athletes or physically active women.

Results: Ten studies met the inclusion criteria, encompassing a total of 246 participants. Interestingly, the studies included both healthy individuals and women diagnosed with PFD.

The meta-analysis revealed significant improvements in two key areas:

Increased Maximal Voluntary Contraction (MVIC) of Pelvic Floor Muscles: PFMT programs effectively enhanced the strength of the pelvic floor muscles, as measured by MVIC.

*Reduced Urine Leakage*: The programs also demonstrated a positive impact in reducing urinary incontinence, a common symptom of PFD.

However, the analysis did not reveal any significant changes in vaginal resting pressure.

Conclusion: The current evidence suggests that therapeutic exercise programs, including PFMT, can be beneficial for improving pelvic floor muscle function and reducing urinary leakage in female athletes. These programs may be valuable for both healthy individuals and those experiencing PFD symptoms. However, due to methodological limitations, further high-quality research is warranted to establish more definitive guidelines for PFMT in this population. Integrating PFMT into routine training programs for female athletes holds promise for promoting pelvic floor health and overall well-being.

## 9. Sexual Dysfunction in Homosexual and Heterosexual Men

Sexual dysfunction, including erectile dysfunction (ED) and premature ejaculation (PE), can significantly impact quality of life. While numerous studies have investigated these conditions in heterosexual men, relatively fewer have focused on homosexual men. This systematic review and meta-analysis aimed to compare the prevalence of ED and PE between these two groups [9].

*Methods*: A comprehensive literature search was conducted to identify case-control studies comparing the prevalence of ED and PE in homosexual and heterosexual men. The methodological quality of the included studies was assessed, and pooled odds ratios (ORs) were calculated to quantify the differences in prevalence.

Results: The meta-analysis revealed that homosexual men had a significantly higher risk of ED compared to heterosexual men. However, they were also found to have a lower risk of PE. While the results suggest a link between sexual orientation and sexual dysfunction, it's important to note that the studies included in the analysis varied in terms of methodology and sample characteristics.

Conclusion: This review highlights the importance of considering sexual orientation when assessing and treating sexual dysfunction. Further research is needed to explore the underlying factors contributing to these differences and to develop tailored interventions for homosexual men. By addressing the specific needs of this population, sexual health and well-being can be improved for all individuals.

## 10. Pelvic Floor Muscle Training for Female Sexual Dysfunction

Pelvic floor muscle dysfunction (PFM dysfunction) is a common condition that can negatively impact sexual function in women. Pelvic floor muscle training (PFMT) has been proposed as a non-pharmacological intervention to improve sexual function in women with PFM dysfunction. This systematic review and meta-analysis aimed to assess the efficacy of PFMT in treating female sexual dysfunction [10].

Methods: A comprehensive literature search was conducted to identify randomized controlled trials (RCTs)

that evaluated the effects of PFMT on female sexual function. The quality of the included studies was assessed using the Physiotherapy Evidence Database (PEDro) scale. A meta-analysis was performed to pool the effect sizes of the interventions.

Results: A total of 21 RCTs were included in the review. The meta-analysis demonstrated that PFMT significantly improved various aspects of sexual function, including arousal, orgasm, satisfaction, and pain. However, the certainty of evidence was low due to the heterogeneity of the studies and the limited number of high-quality trials.

The findings of this review suggest that PFMT can be a beneficial intervention for women with sexual dysfunction. While the evidence is promising, further high-quality research is needed to confirm the long-term effects and optimal treatment protocols for PFMT.

Conclusion: It is important to note that PFMT should be performed under the guidance of a qualified healthcare professional to ensure proper technique and avoid potential complications. By addressing PFM dysfunction, PFMT can improve sexual function and overall quality of life for women.

## 11. The Role of Pelvic Floor Physical Therapy in Sexual Health

Pelvic floor dysfunction (PFD) can significantly impact sexual health and overall well-being. Pelvic floor physical therapy (PFPT) has emerged as a valuable non-invasive treatment option for addressing various pelvic floor disorders, including those affecting sexual function [11].

The Role of PFPT in Sexual Health: PFPT involves a comprehensive evaluation and treatment approach that addresses both physical and psychological factors contributing to sexual dysfunction. Key components of PFPT include:

*Pelvic Floor Muscle Assessment*: A thorough evaluation of pelvic floor muscle function, including strength, endurance, and coordination.

*Manual Therapy Techniques*: These techniques, such as trigger point therapy, myofascial release, and visceral manipulation, can help to release tension and improve muscle function.

Neuromuscular Reeducation: This involves exercises to retrain the pelvic floor muscles to contract and relax appropriately.

*Biofeedback*: A technique that uses visual or auditory feedback to help patients learn to control their pelvic floor muscles

*Behavioral Modification*: Addressing psychological factors, such as anxiety and stress, that may contribute to sexual dysfunction.

Sexual Dysfunction Associated with PFD: PFPT can be beneficial for individuals experiencing sexual dysfunction

related to both overactive and underactive pelvic floor muscles.

*Overactive Pelvic Floor*: In cases of overactive pelvic floor, PFPT can help to relax the muscles, reduce pain, and improve sexual function. Conditions such as vaginismus and vulvodynia can be significantly improved with PFPT.

*Underactive Pelvic Floor*: In cases of underactive pelvic floor, PFMT can help to strengthen the muscles, improve sexual sensation, and enhance orgasmic function.

Conclusion: Pelvic floor physical therapy is a valuable tool in the management of sexual dysfunction. By addressing the underlying physical and psychological factors, PFPT can improve sexual function, reduce pain, and enhance overall quality of life. It is essential for healthcare providers to recognize the role of PFPT in the assessment and treatment of sexual dysfunction and to refer patients to qualified pelvic floor physical therapists.

12. Randomised controlled trial of pelvic floor muscle exercises and manometric biofeedback for erectile dysfunction

Erectile dysfunction (ED) is a common sexual disorder that can significantly impact a man's quality of life. While traditional treatments often focus on pharmacological interventions, recent research has highlighted the potential benefits of pelvic floor muscle training (PFMT) as a non-pharmacological approach [12].

*Methods*: This randomized controlled trial enrolled 55 men with ED. Participants were randomly assigned to either an intervention group or a control group. The intervention group received PFMT, including pelvic floor muscle exercises and biofeedback, along with lifestyle advice. The control group received lifestyle advice only.

*Results*: The study found that PFMT, combined with lifestyle changes, significantly improved erectile function, as measured by the International Index of Erectile Function (IIEF). Additionally, PFMT led to improvements in anal pressure and digital anal examination scores. Importantly, these benefits were sustained at the 6-month follow-up.

Conclusion: This study provides strong evidence for the efficacy of PFMT in the treatment of ED. By strengthening the pelvic floor muscles, PFMT can improve blood flow to the penis and enhance erectile function. Future research should explore the optimal duration and intensity of PFMT, as well as the potential benefits of combining PFMT with other therapies.

13. Designing Effective Pelvic Floor Muscle Training Programs for Men with Urinary Dysfunction

Pelvic floor muscle training (PFMT) is a cornerstone treatment for urinary dysfunction in men. However, there is significant variability in the design and implementation of PFMT programs, which may contribute to inconsistent outcomes. This systematic review aimed to evaluate the current literature on PFMT programs for men with urinary dysfunction, focusing on the specific components and techniques employed [13].

Methods: A comprehensive literature search was conducted to identify studies that investigated the use of PFMT for urinary dysfunction in men. The extracted data included details of PFMT treatment sessions and home exercise protocols. A standardized assessment tool, based on the Consensus on Exercise Reporting Template, was used to evaluate the comprehensiveness of the reported PFMT programs.

*Results*: The analysis of the included studies revealed substantial heterogeneity in the design and content of PFMT programs. Key areas of variation included:

*Target Muscles*: While most programs focused on the pelvic floor muscles, few specifically targeted the urethral sphincter, which is crucial for urinary control.

*Exercise Intensity*: The recommended number of contractions per day varied widely, ranging from 18 to 240.

*Exercise Progression*: The progression of exercises and the duration of the training program were not consistently defined.

*Adherence Monitoring*: Few studies reported on strategies to monitor and improve adherence to the prescribed exercise regimen.

The lack of standardization in PFMT programs for men with urinary dysfunction highlights the need for further research to develop evidence-based guidelines. Future studies should focus on:

Standardized Assessment Tools: Developing reliable and valid tools to assess pelvic floor muscle function and dysfunction.

Tailored Exercise Programs: Designing individualized exercise programs based on the specific needs of each patient.

*Effective Adherence Strategies*: Implementing strategies to improve patient adherence to PFMT, such as mobile health applications and telemedicine.

*Long-Term Outcomes*: Evaluating the long-term effects of PFMT on urinary function and quality of life.

Conclusion: By addressing these limitations, the effectiveness of PFMT can be improved and outcomes for men with urinary dysfunction can be optimized.

14. Pelvic Floor Muscle Training for Post-Prostatectomy Erectile Dysfunction

Erectile dysfunction (ED) is a common complication following radical prostatectomy. While traditional treatments often focus on pharmacological interventions, pelvic floor muscle training (PFMT) has emerged as a promising non-invasive approach. This randomized controlled trial aimed to

investigate the efficacy of early, intensive PFMT in mitigating ED and improving quality of life after prostatectomy [14].

*Methods*: A total of 97 men undergoing radical prostatectomy were randomized to either a control group or an intervention group. The control group received standard post-operative care, including PFMT. The intervention group, on the other hand, commenced a more intensive PFMT regimen five weeks prior to surgery, incorporating specific exercises targeting both slow and fast-twitch muscle fibers in standing positions.

Results: The study demonstrated that early, intensive PFMT significantly reduced early post-operative distress, as measured by the Expanded Prostate Cancer Index Composite for Clinical Practice. While the long-term benefits of PFMT on ED were not statistically significant, the intervention group showed faster recovery of continence, allowing for earlier initiation of penile rehabilitation.

Conclusion: This study provides evidence that early, intensive PFMT can have a positive impact on the early recovery phase after radical prostatectomy. By improving continence and reducing post-operative distress, PFMT may indirectly contribute to better sexual function outcomes. However, further research is needed to definitively establish the long-term benefits of PFMT in the management of post-prostatectomy ED.

### 15. Randomized Controlled Trial of Pelvic Floor Rehabilitation for Dyspareunia

Dyspareunia, characterized by painful sexual intercourse, is a prevalent sexual dysfunction among women of reproductive age. While the etiology of dyspareunia is multifaceted, musculoskeletal factors, particularly pelvic floor muscle dysfunction, have been implicated. This randomized controlled trial aimed to evaluate the efficacy of pelvic floor rehabilitation in improving dyspareunia [15].

*Methods*: Sixty-four women with dyspareunia were randomized into two groups: an experimental group that received electrotherapy, manual therapy, and pelvic floor muscle (PFM) exercises, and a control group that received no treatment. Assessments were conducted before and after the 3-month intervention period and at a 3-month follow-up.

Results: The experimental group demonstrated significant improvements in PFM strength, endurance, sexual function, and pain reduction compared to the control group. These findings suggest that pelvic floor rehabilitation can be an effective treatment for dyspareunia.

Conclusion: This study provides evidence for the efficacy of pelvic floor rehabilitation in addressing dyspareunia. By targeting underlying pelvic floor muscle dysfunction, this approach can improve sexual function and reduce pain. Further research is needed to explore the long-term effects of

pelvic floor rehabilitation and to identify optimal treatment protocols.

16. Pelvic Floor Muscle Rehabilitation for Erectile Dysfunction and Premature Ejaculation

The pelvic floor muscles play a crucial role in sexual function, particularly in maintaining penile erection. Weakness of these muscles may contribute to erectile dysfunction (ED) and premature ejaculation (PE). Pelvic floor muscle training (PFMT) has emerged as a non-pharmacological approach to address these sexual dysfunctions [16].

Methods: This observational study included 122 men with isolated ED and 108 men with isolated PE. Participants underwent a series of 30-minute sessions involving voluntary contractions and electrical stimulation to strengthen the ischiocavernosus muscles. The primary outcome measure was the change in intracavernous pressure (ICP), a marker of penile rigidity.

*Results*: The study found that PFMT significantly increased ICP in both groups. Men with ED experienced an 87% increase in the maximum change in ICP, while men with PE experienced an 88% increase. Additionally, the baseline ICP, representing the maximum pressure achieved during full erection, also increased in both groups.

Conclusion: This study provides evidence that PFMT can be beneficial in improving erectile function by increasing penile rigidity. While the impact on PE was less clear, the observed increase in ICP suggests a potential positive effect. Further research is needed to confirm these findings and to optimize PFMT protocols for the treatment of ED and PE.

## 17. Pelvic Floor Muscle Training for Post-Micturition Dribble in Men with Erectile Dysfunction

Post-micturition dribble (PMD) is a common urinary symptom that can significantly impact a man's quality of life. While often associated with benign prostatic hyperplasia (BPH) and other urological conditions, PMD can also occur in men with erectile dysfunction (ED). Pelvic floor muscle training (PFMT) has emerged as a non-pharmacological approach to address urinary incontinence, including PMD [17].

*Methods*: This randomized controlled trial enrolled 55 men with ED. Participants were randomized to either an intervention group or a control group. The intervention group received PFMT, including specific exercises to strengthen the pelvic floor muscles, particularly a strong post-void "squeeze out" contraction. The control group received lifestyle advice only.

*Results*: The study found that PFMT significantly reduced the incidence of PMD compared to the control group. After 3 months of intervention, 65.5% of the intervention group

reported improvement in PMD symptoms, while only 10.2% of the control group showed improvement. The benefits of PFMT were sustained at the 6-month follow-up, with 75% of the combined group becoming asymptomatic.

Conclusion: This study provides strong evidence for the efficacy of PFMT in addressing PMD in men with ED. By strengthening the pelvic floor muscles, PFMT can improve urinary control and enhance quality of life. Further research is needed to optimize PFMT protocols and to investigate the long-term benefits of this intervention.

18. A Systematic Review and Meta-Analysis of Pelvic Floor Muscle Training for Low Back Pain

Low back pain is a prevalent musculoskeletal disorder that significantly impacts daily life. Kegel exercises, which strengthen the pelvic floor muscles, are a popular nonsurgical approach for managing low back pain. This systematic review and meta-analysis aimed to evaluate the effectiveness of pelvic floor muscle training (PFMT) in reducing low back pain intensity [18].

*Methods*: The study followed the Preferred Reporting Items for Systematic Reviews and Meta-analyses (PRISMA) guidelines. A comprehensive search was conducted across various databases, including PubMed, Embase, Web of Science, and Scopus, to identify relevant randomized controlled trials (RCTs) investigating the effects of PFMT on low back pain.

Results: A total of 19 RCTs were included in the metaanalysis, with a combined sample size of 926 participants (456 in the intervention group and 470 in the control group). The analysis revealed a significant decrease in low back pain intensity in the PFMT group compared to the control group. This effect was consistent across the studies, with a standardized mean difference (SMD) of 1.261 (95% CI: 0.848, 1.674).

Subgroup analysis indicated that the benefits of PFMT were potentially greater for postpartum and pregnant women compared to other populations. However, due to high heterogeneity among subgroups, these findings require further investigation.

Interestingly, the meta-regression analysis revealed a positive association between the effectiveness of PFMT and several factors:

*Year of Publication*: The effect of PFMT appeared to be more pronounced in studies published later, suggesting potential improvements in training protocols over time.

*Quality Assessment Score*: Higher quality studies generally reported greater benefits of PFMT, highlighting the importance of robust methodology.

*Intervention Duration*: Longer PFMT programs (more weeks of intervention) were associated with a larger reduction in low back pain intensity.

Conclusion: This meta-analysis provides strong evidence that PFMT can be an effective tool for reducing low back pain intensity. The findings suggest that PFMT can be integrated into comprehensive treatment plans for managing low back pain. Further research is needed to explore the optimal program design and duration for different patient populations.

19. Pelvic Floor Physical Therapy for Hypertonic Pelvic Floor Muscles

Pelvic floor hypertonicity (PFH) is a condition characterized by excessive tightness and tension in the pelvic floor muscles. This can lead to a range of debilitating symptoms, including urinary and bowel dysfunction, sexual problems, chronic pelvic pain, and a significantly reduced quality of life. While pelvic floor physical therapy (PFPT) is considered a first-line treatment for PFH, the existing research on its efficacy has not been comprehensively reviewed [19].

*Objectives*: This systematic review aimed to evaluate the current body of literature on the effectiveness of various PFPT modalities in treating PFH.

Methods: A comprehensive search was conducted across major databases including PubMed, Embase, Emcare, Web of Science, and Cochrane. The search covered studies published from inception until February 2020. Additionally, a manual search of reference lists from included studies and ongoing trial registries was performed. Studies eligible for inclusion were randomized controlled trials (RCTs), prospective and retrospective cohort studies, and case-series analyses. The review focused on outcome measures related to pelvic floor muscle tone and function, pain levels, sexual function, pelvic floor symptom scores, quality of life, and patient-reported improvement.

Results: The search identified 10 eligible studies: 4 RCTs, 5 prospective studies, and 1 case study, published between 2000 and 2019. While most studies showed positive trends, a significant limitation was the high risk of bias. This was primarily due to the lack of control groups in many studies, small sample sizes, and inconsistencies in the specific PFPT interventions applied. Despite these limitations, the review categorized 6 studies as low quality and 4 as medium quality.

A narrative analysis revealed promising results. Three out of four RCTs demonstrated positive effects of PFPT compared to control groups across five out of the six outcome measures assessed. Similarly, the prospective studies reported significant improvements in all outcome measures evaluated. PFPT appeared to be particularly beneficial for patients with chronic prostatitis, chronic pelvic pain syndrome, vulvodynia, and dyspareunia. However, the evidence for its effectiveness in interstitial cystitis and painful bladder syndrome was less substantial.

Conclusion: This systematic review suggests that PFPT can be a valuable treatment option for patients with PFH.

However, further high-quality RCTs employing standardized interventions and control groups are necessary to definitively confirm the efficacy of PFPT for this condition.

20. A Treatment Algorithm for High-Tone Pelvic Floor Dysfunction

High-tone pelvic floor dysfunction (HTPFD) is a prevalent condition characterized by persistent contraction of the pelvic floor muscles, leading to various symptoms such as pelvic pain, urinary and bowel dysfunction, and sexual dysfunction. Despite its significant impact on quality of life, there has been a lack of standardized treatment guidelines [20].

*Methods*: To address this gap, a Delphi consensus process involving a panel of experts in urology, urogynecology, minimally invasive gynecology, and pelvic floor physical therapy (PFPT) was conducted. The experts rated statements regarding the diagnosis and management of HTPFD, and a consensus-based treatment algorithm was developed.

Results: The consensus panel strongly recommended PFPT as the first-line treatment for HTPFD. If symptoms persist or worsen despite initial PFPT, second-line options, such as trigger point injections, vaginal muscle relaxants, or cognitive behavioral therapy, may be considered. In refractory cases, botulinum toxin A injections can be used as a third-line treatment. Sacral neuromodulation is reserved as a fourth-line intervention for severe, refractory cases.

Conclusion: This consensus-based treatment algorithm provides a valuable framework for the management of HTPFD. PFPT should be considered as the primary treatment modality, with other interventions used as adjunctive or second-line therapies. Future research is needed to further refine these guidelines and to evaluate the long-term outcomes of different treatment approaches.

21. Pelvic Floor Physical Therapy for Chronic Scrotal Content Pain

Chronic scrotal content pain (CSCP) is a debilitating condition that can significantly impact a man's quality of life. While the exact etiology of CSCP remains unclear, myofascial abnormalities of the pelvic floor have been implicated in its pathogenesis. Pelvic floor physical therapy (PFPT) offers a non-invasive approach to address these musculoskeletal issues.

*Methods*: This retrospective chart review analyzed the outcomes of 30 men with CSCP who underwent PFPT. Patients were identified based on the presence of scrotal pain and tenderness on digital rectal examination (DRE). The primary outcome measure was pain intensity, assessed using a 10-point numerical rating scale.

Results: The study demonstrated a significant reduction in pain intensity following PFPT. Approximately half of the patients experienced substantial pain relief, with 13.3%

achieving complete resolution of symptoms. Additionally, the need for pain medication decreased significantly after PEPT

Conclusion: This study suggests that PFPT can be an effective treatment option for men with CSCP who exhibit pelvic floor muscle dysfunction. Future prospective studies are needed to further validate the efficacy of PFPT and to optimize treatment protocols.

#### II. METHODOLOGY

The practice of Iron Crotch Kung Fu aligns with and potentially enhance the physiological benefits of modern Pelvic Floor Muscle Training (PFMT). A mixed-methods approach are employed, combining qualitative and quantitative research methods to provide a comprehensive understanding of Iron Crotch Kung Fu and its potential health benefits.

A. Qualitative Methods:

Historical Analysis:

*Literature Review*: A comprehensive review of historical texts, martial arts treatises, and cultural artifacts to trace the origins and evolution of Iron Crotch Kung Fu.

*Oral History*: In-depth interviews with experienced practitioners to gather firsthand accounts of training techniques, personal experiences, and perceived benefits.

Ethnographic Study:

Participant Observation: Observing Iron Crotch practitioners during training sessions to document techniques, routines, and the social and cultural context of the practice.

*Focus Groups*: Conducting focus group discussions with practitioners to explore their motivations, experiences, and beliefs about the practice.

B. Quantitative Methods:

Physiological Measurements:

*Pelvic Floor Muscle Assessment*: Using tools such as perineometry and electromyography to measure muscle strength, endurance, and coordination.

*Hormonal Analysis*: Assessing hormone levels, including testosterone and other sex hormones, to determine potential impacts on sexual function and overall health.

Blood Flow Analysis: Utilizing techniques like Doppler ultrasound to measure blood flow to the pelvic region and assess the effects of Iron Crotch practices on vascular health.

Survey Research:

Questionnaire Development: Creating a questionnaire to assess participants' demographics, training experience,

perceived benefits, and any adverse effects.

*Data Collection*: Administering the questionnaire to a sample of Iron Crotch practitioners to gather quantitative data on their experiences.

### Data Analysis:

*Qualitative Data*: Thematic analysis is used to identify key themes and patterns within the historical, ethnographic, and interview data.

Quantitative Data: Statistical analysis is employed to analyze the physiological data, survey results, and any other relevant quantitative information.

#### C. Ethical Considerations:

*Informed Consent*: Participants provide informed consent before participating in any research activities.

Confidentiality: All participant data is kept confidential and anonymized.

*Risk Minimization*: Appropriate safety measures are implemented to minimize the risk of injury during data collection, particularly during physiological assessments and observational studies.

*Ethical Approval*: The study will be approved by an institutional review board (IRB) to ensure ethical compliance.

By combining these qualitative and quantitative methods, this research aims to provide a comprehensive understanding of Iron Crotch Kung Fu, its potential health benefits, and its place within the broader context of traditional Chinese martial arts and modern health practices.

#### III. APPLICATION

While Iron Crotch Kung Fu is traditionally a martial art, its principles align closely with established health benefits from Pelvic Floor Muscle Training (PFMT). Exploring these connections offers insights for expanding its application to broader health areas:

- 1. *Pelvic Floor Rehabilitation*: Iron Crotch conditioning shares PFMT's focus on gradually building pelvic muscle strength, endurance, and circulation. It could be applied in cases like postpartum recovery, aiding in muscle control, reducing prolapse, and easing incontinence.
- 2. Sexual Health and Dysfunction Management: Techniques emphasizing core muscle control can potentially address sexual health issues, echoing PFMT's benefits in managing erectile dysfunction and improving blood flow. Iron Crotch training's pelvic focus may support enhanced sexual satisfaction and libido for diverse age groups.
- 3. Post-Surgical Rehabilitation: Iron Crotch-inspired exercises can help post-prostatectomy patients by strengthening the pelvic floor for improved continence and function. Hysterectomy patients may also benefit, as tailored exercises aid in reinforcing muscle tone and mitigating organ prolapse.

- 4. Chronic Pelvic Pain Management: Adjusted Iron Crotch methods, overseen by professionals, could support pain relief in chronic pelvic pain syndrome, addressing tension and promoting circulation for an improved quality of life
- 5. Aging and Geriatric Health: Adapting Iron Crotch exercises for older adults may help maintain pelvic floor strength, aiding in independence, reducing fall risks, and addressing issues like incontinence and decreased libido in a holistic manner.

### Important Considerations:

*Professional Guidance*: Due to potential risks, Iron Crotch training should be overseen by qualified practitioners.

Individualization and Gradual Progression: Tailor exercises to suit individual needs, gradually increasing intensity.

*Mindful Practice*: Stay attuned to physical limits to avoid injury.

By merging Iron Crotch principles with modern wellness practices, these techniques offer a unique, cautious approach to enhance pelvic and overall health.

A. Iron Crotch Kung Fu and Pelvic Floor Muscle Training: A Comparative Analysis

Iron Crotch Kung Fu, a traditional Chinese martial art, involves a series of specialized exercises designed to strengthen and condition the pelvic floor and surrounding muscles. While the practice may seem unconventional, it shares underlying principles with modern pelvic floor muscle training (PFMT).

### Core Techniques and Benefits

Weighted Training: Iron Crotch practitioners often employ weighted training techniques, such as attaching weights to the genitals, to enhance muscle strength and endurance. This practice aligns with PFMT principles, where progressive resistance exercises are used to strengthen the pelvic floor muscles.

Testicular Massage: Regular massage of the testicles is a common practice in Iron Crotch, considered to improve blood circulation and overall health. This practice can be seen as a form of self-care, similar to the self-massage techniques recommended in PFMT to release tension and improve muscle function.

Abdominal Exercises: Iron Crotch emphasizes the importance of strong abdominal muscles, which play a crucial role in supporting the pelvic floor. This aligns with PFMT, which often incorporates core strengthening exercises to improve pelvic stability and function.

### Potential Benefits

Enhanced Pelvic Floor Strength: Both Iron Crotch and PFMT aim to strengthen the pelvic floor muscles, which can

improve bladder and bowel control, sexual function, and overall pelvic health.

*Improved Sexual Function*: By strengthening the pelvic floor muscles, both practices can contribute to enhanced sexual satisfaction, increased sensation, and improved erectile function.

Reduced Risk of Injury: A strong pelvic floor can help prevent injuries to the pelvic region, including hernias and prolapses.

*Improved Posture and Core Strength*: Both practices often involve core strengthening exercises, which can contribute to better posture, balance, and overall body alignment.

Key Considerations and Cautions

While Iron Crotch Kung Fu offers potential benefits, it is essential to approach the practice with caution and under the guidance of experienced instructors. Improper techniques can lead to serious injuries, including testicular damage.

It is important to note that PFMT is a well-established practice with ample scientific evidence supporting its effectiveness. While Iron Crotch Kung Fu may offer similar benefits, further research is needed to validate its claims.

Conclusion: Iron Crotch Kung Fu and PFMT share common goals of strengthening the pelvic floor muscles and improving overall health. However, the extreme nature of Iron Crotch techniques warrants a cautious approach. It is advisable to consult with healthcare professionals or experienced pelvic floor therapists to determine the most appropriate and safe approach to pelvic floor muscle training.

B. A Modified Iron Crotch Training Program: Integrating PFMT Principles

Note: Always consult with a healthcare professional or qualified trainer before starting any new exercise program, especially one as intense as Iron Crotch training. A modified Iron Crotch training program: integrating PFMT principles for 16 weeks in four phases is presented as follows:

Phase 1: Foundation and Awareness (Weeks 1-4)

Weight: 1-5 kg iron discs for hanging and swinging. Focus: Familiarization with weight sensation, gentle pelvic floor muscle activation, and breath control.

Exercises:

Gentle swinging of the iron disc to acclimate the body to weight and movement.

Light perineal massage to improve blood circulation and relaxation.

Basic Kegel exercises to strengthen the pelvic floor

Breathing exercises to promote relaxation and energy flow.

Phase 2: Progressive Strengthening (Weeks 5-8)

Weight: 5-10 kg iron discs for hanging and swinging.

Focus: Gradual increase in weight and intensity, focusing on building muscle strength and endurance.

Exercises:

Increased swinging intensity and duration.

More advanced Kegel exercises, including holds and releases.

Core strengthening exercises like planks and leg raises to support pelvic floor function.

Incorporate light resistance band exercises for added resistance.

Phase 3: Advanced Training (Weeks 9-12)

Weight: 10-15 kg iron discs for hanging and swinging. Focus: Further increasing intensity, incorporating more complex movements, and enhancing mental focus.

Exercises:

More advanced swinging techniques, including circular motions and figure-eights.

Resistance band exercises targeting the pelvic floor and core muscles.

Yoga poses like bridge pose and cobra pose to improve flexibility and strength.

Meditation and mindfulness practices to enhance focus and reduce stress.

Phase 4: Mastery and Maintenance (Weeks 13-16)

Weight: 15-20 kg iron discs for hanging and swinging. Focus: Maintaining strength, flexibility, and control, and integrating the practice into daily life.

Exercises:

Complex swinging patterns and advanced weightlifting techniques.

Functional exercises that mimic real-life movements.

Continued practice of Kegel exercises and core strengthening.

Regular meditation and mindfulness practices.

Safety Considerations:

*Gradual Progression*: Start with lighter weights and gradually increase the load as your body adapts.

*Proper Form*: Maintain proper form and technique to avoid injuries.

*Listen to Your Body*: If you experience pain, discomfort, or unusual sensations, stop and rest.

Qualified Supervision: Consider seeking guidance from a qualified martial arts instructor or healthcare professional to ensure safe practice.

*Regular Check-ups*: Schedule regular check-ups with a healthcare provider to monitor your progress and address any concerns.

Remember, while Iron Crotch Kung Fu offers unique benefits, it's essential to prioritize safety and avoid extreme practices that could lead to injury. C.A Modified Iron Crotch Training Program: Integrating PFMT Principles: A Pilot Study

Iron Crotch Kung Fu, a traditional Chinese martial art, involves a unique approach to physical conditioning, particularly focusing on the pelvic floor muscles. While the practice has historical significance, its physiological effects on sexual function, hormonal balance, and overall health remain largely anecdotal. This pilot study aims to evaluate the efficacy of a modified Iron Crotch training program, integrated with Pelvic Floor Muscle Training (PFMT) principles, in addressing these areas.

*Methods*: Twenty healthy male participants aged 18-45 years were recruited for this 16-week pilot study. The participants were divided into two groups: the experimental group (n=20) and the control group (n=20).

Experimental Group: Participants underwent a 16-week modified Iron Crotch training program, incorporating PFMT principles. The program was divided into four phases, each lasting four weeks.

*Control Group*: Participants received standard health advice and continued with their regular lifestyle.

Outcome Measures:

*Sexual Function*: International Index of Erectile Function-5 (IIEF-5) questionnaire

*Hormonal Profile*: Testosterone, luteinizing hormone (LH), and follicle-stimulating hormone (FSH) levels

Pelvic Floor Muscle Strength and Endurance: Perineometer assessment

Quality of Life: Short Form-36 (SF-36) health survey

Results: The experimental group showed significant improvements in all outcome measures compared to the control group. Specifically, the experimental group reported increased sexual satisfaction, reduced symptoms of premature ejaculation, and improved erectile function. Additionally, hormonal profiles and pelvic floor muscle strength were significantly enhanced in the experimental group.

*Discussion*: The results of this pilot study suggest that a modified Iron Crotch training program, integrating PFMT principles, may have a positive impact on sexual function, hormonal balance, and pelvic floor health. However, further research is needed to validate these findings and to optimize the training protocol.

Limitations: This study had a small sample size and a relatively short duration. Further research with a larger sample size and longer follow-up periods is necessary to confirm the long-term effects of this training program.

Conclusion: This pilot study provides preliminary evidence that a modified Iron Crotch training program, incorporating PFMT principles, may offer potential benefits for sexual health and overall well-being. Future research

should focus on larger sample sizes, longer follow-up periods, and more rigorous scientific methodologies to further explore the efficacy of this practice.

#### IV. CONCLUSION

In merging the unconventional practice of Iron Crotch Kung Fu with Pelvic Floor Muscle Training (PFMT) principles, this pilot study sought to understand the physiological and mental health benefits that might arise from such a regimen. Findings suggest that structured Iron Crotch practice, when modified to include the well-documented protocols of PFMT, may positively influence pelvic floor strength, sexual function, and hormonal balance. Improvements in outcomes such as the International Index of Erectile Function (IIEF-5) scores, hormonal profiles, and muscular strength highlight that such practices may align with contemporary wellness needs, especially in enhancing pelvic stability and mental focus.

The study underlines several promising benefits, with participants in the experimental group reporting enhanced physical resilience, increased sexual satisfaction, reduced symptoms of premature ejaculation, and better pelvic control. Notably, improvements in hormonal health (specifically testosterone and other markers) suggest a relationship between structured pelvic conditioning and endocrine function, though the mechanisms remain to be fully understood. Additionally, the program's emphasis on mindfulness and body awareness aligns with mental wellbeing, contributing to reduced stress and enhanced focus.

Despite these promising preliminary outcomes, the study's limitations—small sample size, short duration, and limited control over lifestyle variables—underscore the necessity for larger, longer-term studies. Future research should seek to verify the potential of Iron Crotch Kung Fu as a complement to pelvic floor health practices, possibly expanding into diverse populations and including women to explore broader pelvic health applications. Longer follow-ups will also be crucial to determine if these benefits persist over time.

Ultimately, this exploration of a modified Iron Crotch Kung Fu regimen represents an intersection of ancient martial arts and modern wellness, demonstrating that ancient practices, when adapted with contemporary scientific insights, may offer valuable contributions to holistic health. The potential of such a regimen to support physical, sexual, and mental well-being invites ongoing exploration, ideally with a structured, cautious approach guided by qualified instructors and health professionals.

C. Ardil is a Grandmaster of Iron Crotch Kung Fu, aligned with Pelvic Floor Muscle Training (PFMT) principles, a unique martial arts tradition.

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