Uro God

Finally, advanced technology to treat women's sexual health issues. Because they deserve it.

**(** 



Non-invasive, Accelerated Healing, and Effective

Women's sexual health does not get enough attention in medical offices or research labs across the country

Doctors aren't asking, women aren't talking.

If conversations are happening women's symptoms are often dismissed many times due to lack of effective treatment options.

**Finally,** women don't have to be ignored for their sexual concerns. Advanced technology is available to enhance and treat women's sexual health issues.



The same old treatment strategies you have been using for decades may not be the best management strategies for everyone.

> Sue W. Goldstein, BA, CCRC, AASECT-CSE ISSWSH President SAN DIEGO SEXUAL MEDICINE

#### SoftWave's UroGold — The best management strategy

Research shows true shockwave therapy's effectiveness in sexual medicine treatment.

The best device is finally available for women with sexual health issues.





#### **RESEARCHED, TRUSTED & EFFECTIVE**

SoftWave's UroGold is a game changer in sexual health. There is a significant amount of evidence being published in academic journals worldwide documenting the efficacy and safety using true shockwave for many sexual health issues.

	Annals of Physical and Rehabilitation Medicine 64 (2021) 101545	_						
ELSEVIER	Available offine at Eliseriter Nassen France ScienceDirect EM[consulte www.enr-cosulte.com	le de la di didattari della di		Downloaded free from http://www.e-u	rel-sci.com on Thursday, September 1, 2022. IP: 80. 12 Urological Science	Urological		
Original article Extracorporeal sho	ock wave therapy for treating dyspareunia: A	195 Retrospective Chart Review of	Freatment Outcome Following Low-Intensity Shockwave Therapy	1.50	Journal homepage:www.e-urol-se	28-20		
	mized, double-blind, placebo-controlled study Zahalka <sup>®</sup> , Michael Halaska <sup>®</sup> , Ivana Rakovicova <sup>®</sup> , Jakub Rakovic <sup>®</sup> ,	for the Treatment of Vestibulor <u>Yih, J<sup>i</sup></u> 1: San Diego Sexual Medicine	lynia with Urogold 100 <sup>m</sup>		Review Article			
Vaclav Cmelinsky <sup>d</sup> "Department of Obstetrics and Generosits "Sports Meanic Laboratory, Faculty of Ph	igo: Prot Forsky of Medicine, Cherles University, Budhever 2, 18000 Progue. Carls Republic figural Education and Sport, Charlos University, Progue, Carls Republic	<ol> <li>San Diego Sexual Medicine Introduction: Genital pain disor social isolation. These disorders</li> </ol>	ders have devastating effects on a woman's quality of life, including occur with high prevalence; more than 1/3 of women report pain significant financial burden on women and the healthcare system.					
<sup>4</sup> OBCHN Department, Anadeana, Progue, <sup>4</sup> OBCHN Department, Comport, Progue, Co.	, Conh Republic Linek Republic	Multiple medical treatments for	dyspareunia are available to improve quality of life and decrease	Potential /	Applications of Low-intens	ity Extracorporeal		
ARTICLE INFO	A B S T R.A.C.T Reciproard: Dysparennia is a genital pain during or after penile-vaginal sexual intercourse. It is	pain, however many are invasiv insertion/surgery, and are assoc	e, involving pharmacotherapy/hormone therapy/needle lated with significant morbidity. Low intensity shockwave therapy	Shock-Wave	Therapy in Urological Dise	ases via Activation of		
Received 4 February 2020 Accepted 9 March 2021 Keywents:	Berlgmand: Dysparennia is a genital pain during or after penle-vaginal norsal intercourse. It is spann of the peloi: muscles that painty or entirely disables vaginal perentation. Objective: We avained the effect of entracepointal shock wave theory (DSWF) on idegat conductive dysparential in women. A prospective, candomized, double-blind, placebo-controlled conductive.	strategy. FDA-cleared for pain a is an electrohydraulic shockway	, invoving profilmation reacting printing of the start		Tissue Resident Stem			
Dyspaeronia ESWT Extracorporal shock ware therapy Pain	placebe groups received EWT perinally weekly for 4 connective weeks placebe protection. A placebe groups received EWT perinally weekly for 4 connective weeks placebe preterior. A placebe groups received EWT perinally weekly for 4 connective weeks placebe preterior. A placebe groups received EWT perinally weekly for 4 connective weeks placebe preterior. A placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally weekly for 4 connective weeks placebe groups received EWT perinally received EWT per		seconds the first UC bound transmost subserve study in unsure with	Desite the first U.C. have a transferrent extension study in unemen with Desiteret of United. School of Medicine		Lin', Ten F. Lae'* , San Francisco, GA, "Department of Unology, Tripler Army iversity School of Medicine, Zhejiang University, China		
Sexual dynhunction Vaginism	Scale and subjective pairs interestry on a visual analog task (VKI) before and internetioners. For were consciouted 1.4 and 1.2 week of the final SBMT visuality, and internetioners. For short many starts and the final SBMT visuality, and the start week of the department of the start start week of the start start week of the betweek provided to the start start week of the start start week of the start start start start start week of the start start week of the start start star		resens the first D3-based treatment outcome sudy in white with 0°. (th vestbulodynia were offered the opportunity to receive LISWT as ential ajani disorder. As standard of care in our practice, patients inction index (FSFI). Sexual Distress Scale (SDS), vulvoscopy with	thetest				
	between group, J. C. (2011). Data reduction was always > 2021. The effect uses were both large: 0.825 and WS 6.883. Coechasion: ISWT significantly reduced subjective pain in our warmen toward for dyspareur 0.2021 The Author(s), Published by Ebreien Mission 563. This is an open access attick under 1 linear Birty Circuit Contract Con	photography, and cotton-tipped	swab (Q-tip*) test at baseline. Vulvoscopic vulvar/vestibular	For many years, low-intensity ext	mcorporeal shock-wave therapy (Li-ESWT) has been clin	cally applied as a noninvasive therapeutic method,		
		concerns to minimal 3 cm	Ivar/Vestibular Tissue Appearance (Vul/VestTA) (0 = normal oderate, 3 = severe concerns) for the vulva, vestibule and urethral tod with healthing tirrus perspective. Cathen times down to testion	for urological diseases. The majo regeneration, and angiogenesis. T cell therapies. Recent studies hav	mecoproteil abock-wave therapy (LLESWT) has been time to corresponding biological motecular mechanism of 1 <sup></sup> Thia martine review aims to present an overview of 1 do abousts that the combination treatment of LLES documents are studied, highlighting the influence of L1 documents are studied. Support of the studies of the studies present and the studies of states of states of the studies of the LESWT enhances the efficacy of states cell therapy i state applications.	the subtanical spaces in perile creetile tissue. Li-ESWT also stimulated cell proliferation of endothelial and Schwann cells through the Erk1/2 pathway. In another study, <sup>(2)</sup> Li-ESWT was	endothelial cell adhesion moleculo-1 in DMED rats, which can attract stem cells to the corpus cavernosum.	
<ol> <li>Introduction</li> <li>Dyspaceuria is defined as a p</li> </ol>	to many other conditions. Here, the pain depends not penile-waginal intercourse [5-7]. In its essential de dyspareunia in women presents as an idiopathic dyst intercourse. Although this term is without a typical organic constitution. [1.6., en/p press	rated pain at the 1:00, 3:00, 5:0 moderate, 3 = severe). The LISW	Judia at 6, 2 - severe concerns) for the volva, vectored and internal effect with healther issue appearance. Cotton-light grad svab testing 0, 6:00, 7:00, 9:00 and 11:00 positions (0 = no pain, 1 = minimal, 2 = T protocol involved 6 treatment sessions, 3000 shocks each (1000 0.000 posterior vestibule), frequency 4/sec, membrane level 1. The	treatment of erectile dysfanction on stem cell therapies for these capacity of certain stem cells. The	(ED), urinary incontinence, bladder dysfanction, and i diseases are studied, highlighting the influence of Li e potential mechanisms, including the increased expre	The industrial spaces in prends exectler torus, L-LNWT idlo intrindiated cell prediferation of endethelial and Schwama cells through the Erki/12 pathway. Is another mad/w <sup>-1</sup> L-LSWT was advent to retrace ligital accumulation. Collectively, these studies suggest that the mechanism underlying L-ESWT apparts to be the activation of itempreparator cells in airs, which prengts cellular predictionis and accelerates predict insure agreements.	LOW-INTENSITY EXTRACORPOREAL SHOCK-WAVE THERAPY AND URINARY INCONTINENCE	
used for both seses, it occurs mo [1]. This dysfunction was first o Ramesseum Papyrus, the oldest	In many other conditions, free, the pair dependent perior sequence intervenues [3-7]. In the second and perior perior sequence intervenues [3-7], and the second and perior terretures and the second and the second and the second perior terretures (3-1) and the second and the second and the terretures (3-1) and the second and the second and the second perior terretures (3-1) and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition of the second and the second and the second and the definition and the second and the second and the second and the second and the definition and the second and th			CXC motif ligand 5, and transfor The combination of Li-ESWT an of the mechanisms by which Li	ming growth factor-31 are described herein. Li-ESW d stem cell therapies is a promising strategy for urolo -ESWT enhances the efficacy of stem cell therapy i	cellular proliferation and accelerates perile tissue regeneration.	Both clinical and preclinical studies have demonstrated that Li-ESWT is a potential noninvasive therapy for UI owing Unological Science ( Where 33 ( Inno 1 ) January-March 2022	
[2]. The frequency of this dysh period in a women's lifetime. Organization [3], the frequency of	function varies depending on the defined as a painful sparm of the perivic muscles that According to the World Health of this dynfunction ranges from 8% genito-petvic pain or penetration disorder [9]. The inte	At the end of treatment, patien Improvement (PGI-I), a scale of	sped swab testing prior to each LISWT, as is routine in our practice. is recorded their treatment response by Patient Global Impression of 1 – 7 with clinically relevant improvement expressed by scores of 1 –	recommended for large-scale clin Keywords: Activation, bladder d	sical application. hysfunction, erectile dysfunction, low-intensity extrac ence		Crossgear Science ; warne 33 ; taste 1 ; hanary-staten 2022	
Sexual intercourse concomit	1	2	ected on 14 vestibulodynia patients, mean age 37 years (range	progenitor cells, urinary incontin	ence I	Contribuided free from http://www.e-urol-sci.com on Thursday, September 1	2022, IP: 80 122.102.52]	
leads to pain in many cases. Pelv at the site of the pelvic inflam mation, endometriosis, mucous	5		scores for desire, arousal, lubrication, orgasm, satisfaction and 2.6/6, and 1.6/6, respectively. Mean baseline Sexual Distress ed swab test score was 2.6, and Vul/VestTA score was 2.5. Post-		human tisst heart disea	Wang, et al.: Low-intensity extracorporal st to its capability to stimulate striated muscle growth and	ock-wave therapy and tissue resident stem cells Li-ESWT has been known to promote tissue regeneration	
* Corresponding author. 2-mol address: burtillyselaalmin.com https://doi.org/10.1016/j.selaal.2021.101 1877-065712.2021 The Author's Public	Decrease in Opioid Use Post-Ve Based on Pre-Operative Low Int		e only and 100 of espectively. Weah tasking espectively and 100 ess ed wab test score was 2.6 and Vul/VestTA score was 2.5. Post- ported a PGI-I of 1 - 3. Post-treatment cotton-tipped swab consistent with mild pain]. Post-treatment Vul/VestTA was 1.3 evealed reduced vestibular pallor and erythema. No treatment-		mJ/mm <sup>2</sup> than tephrolithiasis	tissue regeneration. <sup>1(2)(2)</sup> The striated wethral sphincter plays a crucial role in continence for both men and women. Drinted muscle also known as chalated muscle is composed	Li-ESWT has been known to promise insue regeneration after opert singerins and enhance should flow in muscle lissue shortly after the application. <sup>317</sup> The biological responses triggered by Li-ESWT include the recruitment of MSCs, stimulation of cell proliferation and differentiation, and ani-inflammany effects. These are considered impedant therapeutic effects of Li-ESWT for soft-tissue wound healing. <sup>318</sup>	
1877-0657/c 2821 The Aather(s), Public	Vestibular Shockwave Therapy		o patient experienced worsening or symptoms. ificant sexual health concern in women. Efforts to improve non-	Intific Meeting of SMSNA (Sexual Medicine Societ	ty opriate dosage ficial effects in 400 Part	of multituscleated contractle muscle cells called myelibers. During development, myolibers are formed by fusion of mesoderm progenitors called myoblasts, which originate from	stimulation of cell proliferation and differentiation, and anti-inflammatory effects. These are considered important therapeutic effects of Li-ESWT for soft-tissue wound	
	Irwin Goldstein Alvarado Hospital, United States of America		rmonal, non-surgical, low morbidity treatment strategies should LISWT using Urogold 100 <sup>™</sup> is supporting the development of a trial of LISWT in women with vestibulodynia.	5:30 p.m., Location: Broadway Ballroom C-D	This is an open ao Commons Attribu	stellite cells. Satellite cells, also knewn as muscle stem cells, play an essential role in muscle regeneration and functional recovery by virtue of their intrinsic ability to generate a lossa reacher of new recofferent 22 One inspectant fielding	healing. <sup>[14]</sup> Li-ESWT has been reported to enhance the proliferation and function of BMSCs. The Li-ESWT activated BMSCs	
	1. Introduction Surgeons performing complete vestibulectomy for neuro-proliferat	ius vertibulodunia (NDI/) need to	stry: no.	osters	renks, taxada, an is given and the r For reprints cost	mesofem progratises called myobiants, which originate from a staffite cells. Satelli ecids, also known as muscle tem cells, play an essential role in muscle regeneration and functional recovery by visites of their attrinics tability to generate a large number of new myobiests. <sup>110</sup> Date important fulfaig demonstrated that LE-SSWT indices muscle regeneration by stimulating satellite cell myogenis differentiation. <sup>210</sup> Thus, LE-SSWT could known the muscle regrestion by utilizating satellite cell myogenis differentiation. <sup>211</sup> Thus, LE-SSWT could known the muscle regrestion by utilizating satellite cell myogenis differentiation. <sup>212</sup> Thus, LE-SSWT could known the muscle regrestion by the urrefra and enhance the recenting of MSC. with instrand staffic the satellite set of the sat	Being, <sup>21</sup> Li-ESWT has been reported to enhance the proliferation and fraction of BMSCs. The Li-ESWT activated BMSCs accrete new Virgit and densifiar CAC world Igaacs 5 than surrested BMSCs. The trended BMSCs also demonstrated a higher expansive programment of the second second sequence of the the transpiration for a Li-ESWT Created or Li-ESWT the strategistical second second second second sequence of the the transpiration for a Li-ESWT Created secon	
	consider acute pain relief in the early postoperative period and One patient who failed multiple vestibular USWT sessions to mana vestibulectomy. We observed that post-operatively there was minim	risks for persistent opioid use.	for the Treatment of Vestibulodynia with Urog	e Following Low-Intensity Shockwave Therapy paid 100**	How to cite Lue TF. Potential a	urefirs and enhance the recruitment of MSC with increased	regeneration is vivo in a sign-gracole meetian. The autoos suggested that the transplantation of Li-ESWT-treated	
	study showed that pre-operative LISWT improved wound healing an	I: Son Diego Sexual Medicine Introduction: Genital pain disorders have devas	stating effects on a woman's quality of I/e, including r prevalence; more than 1/3 of women report pain cicli burden on women and the healthcare system. re available to improve quality of I/e and decrease emacotheraigy/headed ficiant morbidity. Low intensity shockware therapy no hommoul are unusiful (or wombling testinger	Usul Sei 2022;33:3	al diseases via activation of tassae resident stem cells. -8.			
	hypothesised hat LGWT genomete enhanced blood supply and angingenesis through expression of double supply and angingenesis through express			icial burden on women and the healthcare system. re available to improve quality of life and decrease	Jence, more than 1/3 of women report pain Water - Modkaw Jake to improve quality of ife and decrease Jake to improve quality of ife and decrease			
	undergoing vestibulectomy for NPV, we wished to see if pre-operat operative opioid use. We compared opioid use post-op vestibules	tive LISWT would reduce post-	pan, novever many are invosive, involving pra- insertion/surgery, and are associated with signi (LISWT) is a non-invasive, non-pharmacologic, r	rmaconterapy normone therapy neede ficant morbidity. Low intensity shockwave therapy non-hormonal, non-sugical, low morbidity treatment he US as non-significant risk in humans, Urogold 100				
	had not undergone LiSWT just prior to surgery. 2. Material & Method		is an electrohydraulic shockwave device that ge	merates energy levels such as 0.10-0.12 mJ/mm <sup>2</sup> wit	h	ensity Shock Wave Therapy for Persistent Genitz	Aroural Dirorder/Genito	
	This is a pilot study of patients' post-operative vestibulectomy expr operative pain management. Patients scheduled for surgery were r 4 days before surgery for a COVID-19 test. They underwent vestibu		Objective: This chart review represents the first vestibulodynia using Urogold 100°*. Methods: Patients presenting with vestibulody	t US-based treatment outcome study in women with nia were offered the opportunity to receive LISWT as	Pelvic Dysesthesia Usi Sexual Medicine Socie	ng the UroGold 100 MTS (Yih et al., 2020. 21st Ann ty of Nort America (SMSNA), Abstract No.134)	ual Fall Scientific Meeting of	
	and each subsequent day until surgery; 2400 shocks, energy flux density 0.09-0.11 mJ/mm2, 3 Hz, membrane pressure 3 using the Urogold 100 <sup>m</sup> MTS, FDA-cleared for pain amelioration, providing		a rotage parabolic reflector. Objective: This Chart Control of Chart LSS black of treatment outcome study in women with collective: This Chart Control of Chart		San Diego Sexual Med	San Diego Sexual Medicine Introduction: Low intensity shockwave therapy (LISWT) was introduced to sexual medicine in 2010 as		
	unfocused electrohydraulic shockwaves with a unique parabolic ref 3. Results Butientr are reutinely perceibed #60 opportunes 5 are/perceiper		photographs were scored for Vulvar/Vestibular appearance, 1 = minimal, 2 = moderate, 3 = sev meatus, with low scores associated with health	Tissue Appearance (Vul/VestTA) (0 = normal ere concerns) for the vulva, vestibule and urethral ier tissue appearance. Cotton-tipped swab testing	penile shockwave the exectile desfunction.	ram for the con-invarian pan-hormonal pan-n	harmacologic treatment of	
	Patients are routinely prescribed # 60 oxycodone 5 mg/acetaminophen 325 mg tablets to be taken every 4 hours as needed. Mean post-op opioid use was 38 v-1.5 tablets in 10 vestibulectomy patients mean age 39 v-1 oyean sho did ind underego pre-op vestibulit (XVI) <sup>2</sup> spoila side effects included constipation, nausea, fainting, blurred vision. Mean post-op opioid use was 14 vi- 6 tablets		order junt at the 100, 300, 500, 600, 600, 700, 830 and 1100 potention() for up and 1, a minimal, 2 - monitoriant, 3 - monitor in the 100 potentian investment at simulation () and the and () (100 and ()		bothersome sexual he as radiculitis and resea	pende abcoverve of engring on the there is an an an and an an and an		
	included constipation, nausea, fainting, blurred vision. Mean post- in 9 vestibulectomy patients (mean age 27 +/- 9 years) who did und sessions x 3: opioid side effects were restricted to constipation and	lergo pre-op vestibular LISWT	energy varied from 0.10 – 0.12 mJ/mm <sup>2</sup> , based with photography and cotton-tipped swab test	on patient toleration. Patients underwent vulvoscop ing prior to each LISWT, as is routine in our practice.	sexual medicine cond	enital arousal disorder (PGAD) a form of genito-pe tion highly associated with despair, emotional lal	elvic dysesthesia (GPD), is a pility, catastrophization and	
	sessions x s; opioid side effects were restricted to constipation and 4. Discussion In this pilot study, pre-op LISWT using Urogold 100°*MTS decreased		Improvement (PGI-I), a scale of 1 – 7 with clinic 3.	ally relevant improvement expressed by scores of 1	objective: The object	ve of this chart review was to examine outcomes	of a specific population of	
	in this prior study, pre-op cover comportant to an a stearensed pose-op option use and competence vestibulectomy with vaginal advancement flap. While encouraging, more research is needed.		J. Results: To date data have been collected on 34 vestbalodynia patients, mean age 37 vests (range 21 – 74). Mann baseline 597 domains scores for derive, novasi, Micration, organs, statistation and pairwers: 24, 69, 74, 69, 46, 72, 67, 67, 68, 40, 68, respectively. Nean baseline scores and Score and Score and Score Score and Score and Score and Score and University Score and Score treatment, 24, 49, 406, 36, date for score and a Vicia 41, 57, and score and S		women with distressin who underwent lumbs	women with distressing PGAD/GPD suspected to be from radiculopathy of the sacral spinal nerve roots who underwent lumbo-sacral LISWT.		
					Methods: Patients wit have the following: i) a	h PGAD/GPD suspected to be from radiculopathy of bnormal neuro-genital testing, ii) abnormal lumbo-s id nucleus pulposus, annular tear, facet cyst, a	the sacral spinal nerve roots acral MRI with degenerative	
			and vulvar/vestibular photographs revealed rec related side effects were reported. No patient « Conclusions: Vestibulodynia is a significant sexu	fuced vestibular pailor and erythema. No treatment- experienced worsening of symptoms. ual health concern in women. Efforts to improve non	consultation with a sp			
			invasive, non-pharmacologic, non-hormonal, no be encouraged. This chart review of LISWT usin prospective, sham-controlled clinical trial of LIS	on-surgical, low morbidity treatment strategies shou g Urogold 100 <sup>rm</sup> is supporting the development of a WT in women with vestibulodynia.		D with unrelenting, unprovoked feelings of arousal and minimally invasive spine surgery (MISS) without dered a candidate for MISS, or had chosen		
	Diadoure: Work supported by industry: no.				with vestibuildyna. surgery. Treatment involved using the Urodold 100 MTS, 0P155 anadalc probe, Ht 3, energy density 0.06 - 0.10 m/mm 2 for 24 treatments, with 2100 - 4200 shocks to the left and right scaral and/or lumbar rections depending on the surgested site of catabolary based on the MR. The Patient Global			
					Impression of Improve	ment (PGI-I) was administered at the second treatment (PGI-I) was administered at the second treatmen (mean age 38 +/- 11 years) with various sym	nent visit and thereafter.	
					identified. 7 had MISS did not have spine :	with improvement but not full resolution of their urgery. After treatments, 8/13 (62%) realized in	distressing symptoms and 6 mprovement of distressing	
	Growing b	ody of	evidence			ery much better, much better or somewhat better mprovement, reporting minimum PGAD/GPD di ast LISWT. The adverse event of temporary worsenin		
					in 5 patients, noted fo	1-14 days post-treatment, that fully resolved in al	patients.	
	showing ber	nefits us	sina Li-SWT		hormonal, non-pharm	re research is needed, initial results are promising acologic shockwave energy-based strategy for a hi	ghly selected population of	
	<b>y</b>				women with distressin	g PGAD/GPD secondary to suspected radiculopathy	of sacral spinal nerve roots.	
	Clir	nical Tria						
	CIII							
	Rando	I rials						
	Double Blind	andomized						



High level quality shockwave evidence continues to mount including research led by experts who are experiencing impressive clinical results.

SoftWave's UroGold is being used in men's sexual health in leading institutions like UCLA, Baylor, Cleveland Clinic and others.





Shockwave research has been moving through the male sexual medicine world rapidly and we are excited to learn more about how this technology may aid in our female patients. We are hoping to gather more data on sexual pain conditions as well as improving arousal. The early indications are promising.

#### **Rachel S. Rubin, MD**

Board-certified urologist and sexual medicine specialist Fellowship training in sexual medicine for all genders. Education Chair for the International Society for the Study of Women's Sexual Health (ISSWSH) Associate editor for the journal Sexual Medicine Reviews

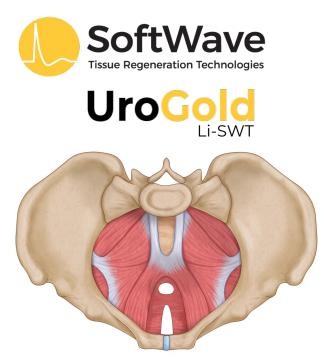


SoftWave TRT headquartered in Kennesaw, GA has been a leader and innovator in extracorporeal shockwave therapy since 2006. **SoftWave's UroGold Li-SWT** has been used and studied by major medical centers throughout the United States.

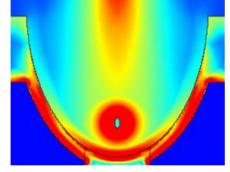
## TRUSTED RESEARCHED EFFECTIVE



SoftWave's UroGold is a superior electrohydraulic Li-ESWT proven to be effective and safe for patients suffering from sexual health issues.



Energy delivered wider and deeper like no other



UroGold Li-1000's energy absorption is wide and deep resulting in superior tissue propagation

## BETTER PHYSICS. BETTER DESIGN. BETTER OUTCOMES.



UroGold Li-SWT proprietary electrohydraulic device combines the best of both worlds. The acoustic unfocused shockwave allows the energy to be applied over a large surface area including a focused effect.

The **patented** parabolic reflector generates a primary and secondary wave that spreads the shockwave over a larger surface zone.

## Maximum tissue penetration to enhance the biological effects

Upon delivery, a cellular response is triggered activating the body's natural healing process resulting in:

Increased blood supply and subsequently angiogenesis

the formation of new blood vessels to increase blood flow into the treated area.

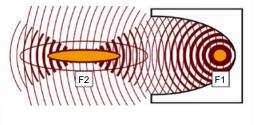
The proliferation of muscle cells to restore tissue elasticity and support tissue remodeling and regeneration

Activation of endogenous growth factors and more.









Water

Spark

Electrode

High Voltage Line

Reflector

Shock waves



## How does it help women with sexual health issues?



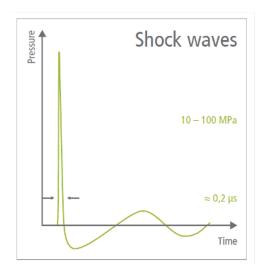
#### 7. BIOLOGIC ACTION OF LISWT IN TISSUES

Physiological Effect	Based on	Study Source
Shear stress	Shockwave exert a "cavitation effect" (inside and outside of cells) inducing localized stress on cell membranes that resembles shear stress	Maisonhaute E, Prado C, White PC. Surface acoustic cavitation understood via nanosecond electrochemistry. <i>Ultrason Sonochem</i> 2002;
NO synthesis	Shockwave cause nonenzymatic nitric oxide synthesis from L - arginine and hydrogen peroxide.	Gotte G, Amelio E, Russo S. Short-time non-enzymatic nitric oxide synthesis from L-arginine and hydrogen peroxide induced by shock waves treatment. FEBS Lett 2002.
VEGF and flt-1 upregulation	SW upregulates VEGF and its receptor, Flt-1, in endothelial cells in vitro and VEGF in the ischemic myocardium in vivo.	Nishida T, Shimokawa H, Oi K, Tatewaki H. Extracorporeal cardiac shock wave therapy markedly ameliorates ischemia -induced myocardial dysfunction in pigs in vivo. <i>Circulation</i> 2004
Endothelial Progenitor Cells recruitment	Shock Wave Therapy recruits systemically infused Endothelial Progenitor Cells on a rat model of chronic limb ischemia.	Aicher A, Heeschen C, Sasaki K. Low-Energy Shock Wave for Enhancing Recruitment of Endothelial Progenitor Cells - A New Modality to Increase Efficacy of Cell Therapy in Chronic Hind Limb Ischemia. <i>Circulation</i> . 2006
Anti-inflammatory	Modulation of neuronal NOS catalytic activity, NO production, NF-xB activation, isoform NOS and TNF-alpha mRNA expression	Ciampaa AR, Marlinghause E, Suzukia H. Nitric oxide mediates anti- Inflammatory action of extracorporeal shock waves. FEBS Lette 2005
Neovascularization	SW therapy induces neovascularization at tendon via upregulation of endothelial nitric oxide synthesis, VEGF, and proliferating cell antigen.	Wang CJ, Wang FS, Yang KD. Shock wave therapy induces neovascularization at the tendon-bone junction. A study in rabbits. <i>J</i> Orthop Res 2003
Local perfusion Increased	Myocardial perfusion in the ischemic myocardium was improved only where the SW's were applied.	Fukumoto Y, Shimokawa H et al 2006
Vasodilatation	Shockwaves acutely reduces arterial perfusion pressure on artificially perfused rabbit	Seemann O, Rassweiler J, Chvapil M. The effect of single shock waves on the vascular system of artificially perfused rabbit kidneys. <i>J Stone Dis.</i> 1993

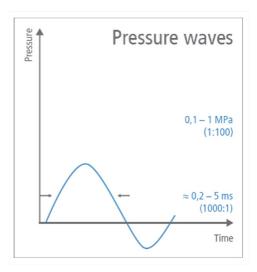
# UroGold — the best choice.



UroGold LISWT delivers a TRUE extracorporeal electrohydraulic shockwave that penetrates wider and deeper. Flexible elastic membrane adapts optimally to the treatment area. Radial devices deliver a pressure wave, NOT a shockwave.



Shockwaves are acoustic pulses with high positive pressure, **fast and steep rise time** followed by comparatively **small negative pressure** (tensile wave).



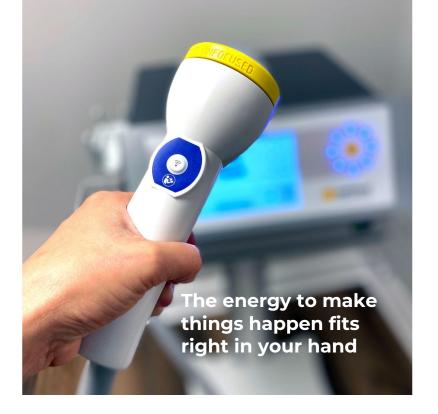
Radial pressure waves are acoustic pneumatic pulses with a low steeping effect, slow rise time with comparatively large negative pressure (tensile wave).

**SoftWave** 

### **Choose UroGold Li-SWT and get better results**

## It's time for women to get the treatment they deserve.

- Quality research is available
- Evidence is growing rapidly
- Trained health practitioners are using it in the U.S.
- Women are looking for non-invasive solutions
- Women have a right to pain-free sexual activity and better sex lives for them and their partners



Accelerated healing in less time

- Quick 10-15 minute treatment times Non-invasive and effective No side effects, pain-free
- Long term solution— Treats the cause, not only the symptoms
- Patented technology and protocols
  - Versatility and innovation that allows you to treat many sexual health conditions



A breakthrough in healthcare that is the solution to treat women with the potential to substantially grow your sexual health practice



# Why wait any longer to add quality care that women are searching for?

Improve your productivity and profitability by offering UroGold100 Li-SWT

UroGold Li-SWT

### RESEARCHED TRUSTED EFFECTIVE

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info@softwavetrt.com



Patent No. US 11,389,372 B2 & Patents pending



FOR: - Improved blood supply - Activation of connective tissue - Temporary pain relief

- Treatment of chronic diabetic foot ulcers

