

# Red M. Alinsod, M.D., FACOG, FACS, ACGE

Dr. Red Alinsod completed medical training at Loma Linda University Medical Center in 1990. He served a 12-year Air Force career with 4 active duty years at George and Nellis Air Force Bases. He has practiced in Southern California and now in Texas and Nevada

Red has built a thriving cosmetic urogynecology following. He is the Director and founder of South Coast Urogynecology and The Alinsod Institute for Aesthetic Vulvovaginal Surgery (an educational center) and Gynflix (Online e-Learning).

His International teaching program is the first of its kind to combine both pelvic reconstructive and aesthetic principles together. He has trained many of the world's leading doctors and instructors in cosmetic gynecology and has presented his techniques worldwide for over 27 years.

He is co-editor of *Female Cosmetic Genital Surgery, Concepts, Classification and Technique*, the seminal textbook for plastic surgeons and gynecologists in this rapidly growing field. He is the Founder and Chairman of CAVS (Congress on Aesthetic Vulvovaginal Surgery), the oldest and longest running Congress dedicated to Female Cosmetic Genital Surgery. It is now incorporated into The International Society for Cosmetogynecology, the Grand Daddy of the field.

He is the inventor of the "Barbie Look" and "Hybrid Look" Labiaplasty, Medial Curvilinear Labia Majoraplasty, Central and Lateral Clitoral Hood Reduction, Inoffice No-IV Labiaplasty, Perineoplasty, Vaginoplasty, Micro Tumescent Labial Block, Pudendo-Levator Block. He is the inventor and patent owner of the Lone Star APS Vaginal Retractor, APS Surgical Table, Alinsod Scissors, and various pelvic reconstructive devices and techniques such as *Sling with Bladder Support* and *Implants and Procedures for Treatment of Pelvic Floor Disorders*.

Dr. Alinsod is the inventor and patent owner of ThermiVa and Genital Predictive Permeation. He is the inventor of amniotic fluid use for overactive bladder with AmDrop and co-developer of O2Vasc for improvement in genital bloodflow. He is also the originator of exosome use for genital conditions.

Dr. Alinsod specializes in non-surgical feminine restoration, treatment of stress incontinence, overactive bladder, atrophic vulvovaginitis, orgasmic dysfunction, vulvar dystrophy, and modern management of menopausal symptoms.



# Red M. Alinsod, M.D., FACOG, FACS, ACGE Cosmetic Urogynecology

# red@alinsodinstitute.com

www.alinsodinstitute.com www.gynflix.com www.urogyn.org

PRESENT POSITION

5/23 - Present

11/22 - Present

6/13 - Present

1/05 - Present

Alinsod Institute, PLLC Women's Wellness Institute of Dallas With Dr. Wesley Brady 8201 Preston Road Suite 520 Dallas, TX 75225 Phone: 214-442-0055 Fax: 214-442-0056 Alinsod Institute Las Vegas, NV Aesthetic Revolution With Dr. Ed Zimmerman 9130 W Post Road, Suite 100 Las Vegas, NV 89148 Phone: (702) 360-6686 Alinsod Institute Irvine, CA Wei Aesthetics with Dr. Judy Wei 16300 Sand Canyon Avenue #800 Irvine, CA 92618 Phone: 949-499-5311 Fax: 949-499-5312 **Gynflix e-Learning** Founder, Director, Owner Email: red@gynflix.com **Specialty Surgery Center of Irvine** 15825 Laguna Canyon Road Irvine, CA 92618 South Coast Urogynecology, Inc. President, Director, Owner 8201 Preston Road, Suite 520 Dallas, TX 75225

PREVIOUS POSITIONS	2004 – 2006	UCLA Urogynecology, Harbor Fellowship Surgical Attending for Augmented Repair
	2006 - 2015	<b>Congress on Aesthetic Vaginal Surgery</b> Founder, Director, Program Chairman ISCG Honorary Fellow
	9/94 — 12/04	<b>Facey Medical Group, Partner</b> 11333 N. Sepulveda Blvd. Mission Hills, CA 91345
	9/91 – 8/94	<b>Chief of Gynecologic Services</b> 554 Med Group, Nellis AFB Las Vegas, NV
	7/90 – 8/91	<b>Chief of Gynecologic Services</b> 35 <sup>th</sup> Medical Group, George AFB Victorville, CA
EDUCATION	7/86 – 6/90	Internship and Residency, OB/GYN Loma Linda University Med. Center Loma Linda, CA 92350 Fellowship: Gynecologic Oncology Yale University SM USAF Active Duty
	7/82 – 6/86	Loma Linda University Medical School Loma Linda, CA 92350 MD, BS Human Biology Scholarship: USAF Health Professions Activities: Chief Photographer
	09/78 – 6/82	<b>Pacific Union College, Angwin, CA</b> BS, Biochemistry
CERTIFICATION STATUS		Board Certified, ABOG & ACGE #20 TX, NV, CA Medical License DEA License Fellow of ACOG, ACS, ASLMS Associate Fellow AACS
PROFESSIONAL SOCIETIES		ACOG, ACS, AUGS, IUGS, ICS, ISPP AAGL, AAOCG, AACS Felix Rutledge Fellow 1988
PERSONAL		Married, 3 children Skiing, Dobermans, Golden Retrievers Photography

# SPECIALIZED SURGICAL SKILLS

# **Aesthetic Vulvovaginal Surgery** In-Office Awake No IV Surgery

Labia Minora and Maiora Plastv Clitoral Hood Reduction Vaginoplasty/Perineoplasty Hymenoplasty Non-Invasive Labial tightening ThermiVa Feminine Restoration Pelvic Floor Reconstruction Incontinence Slings Advanced Laparoscopy/Hysteroscopy Aesthetic Lasers, Fillers, Botox O-Shot, AmShot, Vampire Lift Awake/In-Office Aesthetic Gyn Surgery

ARMS Medical, Consultant & Designer Thermi: ThermiVa Inventor Cooper Surgical: LoneStar Inventor Monarch Medical: Alinsod Scissors/Table D-Moore/Vitality Concepts Consultant Amnion LLC and Juventix Consultant Intigen, Lumisque, and Joylux Consultant Caldera Medical Consultant and Designer FemXHA PRP + HA Exosome for GYN

**PATENTS & INVENTIONS** 

**CLINICAL & INDUSTRY** 

2 ThermiVa RF 3 Sling with Bladder Support 4 Implants and Procedures for the Treatment of Pelvic Floor Disorders 5 Vulvuvaginal Predictive Permeation

1 Lone Star APS Vaginal Retractor

6 Alinsod Surgical Table and Stand Alinsod Scissors, Pickups, and Clamp Alinsod Speculum for O-Shot

Barbie Look Labiaplastv Hybrid Look Labiaplasty Curved Medial Labia Majoraplasty Lateral + Vertical Clitoral Hood Reduction. RF Anal Skin Tag Excision and Shrinkage RF Feathering and Grooving Pudendo-Levator Block, Clitoral Block Predictive Permeation for Gynecology O2Vasc for genital bloodflow

# LECTURES, PRESENTATIONS, PUBLICATIONS

Upon Requests

# Red Alinsod, MD, FACOG, FACS

Loma Linda University School of Medicine Major, US Air Force

Private Practice 1994 to Present

South Coast Urogynecology in Irvine, CA, and Dallas, TX, Las Vegas, NV (<u>www.urogyn.org</u>)

Alinsod Institute for Aesthetic Vulvovaginal Surgery (www.alinsodinstitute.com)

Gynflix Cosmetic Gynecology e-Learning (<u>www.gynflix.com</u>)

Founder: CAVS (Congress on Aesthetic Vulvovaginal Surgery, founded 2006)

Honorary Founder of Aesthetic Gyn Societies in Brazil, Paris, Germany, Poland, India, Philippines

# **Patents/Patent Pending and Equipment Developed**

- 1. ThermiVa
- 2. Lone Star APS Retractor
- 3. Implantable Sling with Bladder Support
- 4. Implants and Procedures for Treatment of Pelvic Floor Disorders
- 5. Desara Incontinence Sling System
- 6. Ascend A and Ascend P Pelvic Reconstruction System
- 7. Brought first Ultra Lightweight Mesh to USA in 2005 (POP Mesh/Restorelle)
- 8. Alinsod Urogyn Table
- 9. Alinsod Scissors, Pickups, Clamps
- 10. Predictive Permeation/DEP Vulvovaginal Wand

# **Procedures Developed**

- 1. Radiofrequency Surgical Techniques for Aesthetic Gynecologic Surgery In-Office
  - a. First to treat vulvovaginal tissues with non-surgical RF energy
  - b. Feathering Technique for Resurfacing Revision surgery
  - c. Micro Tumescent Labial Block
  - d. Pudendal-Levator Block
- 2. In-Office RF Labiaplasty
  - a. Barbie Look
  - b. Hybrid Look
  - c. Vertical and Lateral Clitoral Hood Reduction and Hoodoplasty
  - d. Lateral Curvilinear Clitoral Hood Reduction
  - e. Grooving Technique for Labial Creation
- 3. In-Office Awake No IV Vaginoplasty and Perineoplasty
- 4. Medial Curvilinear Labia Majoraplasty
- 5. Thermi-O (ThermiVa + O-Shot) and O-Shot with AmDrop Amniotic Fluid

- 6. ThermiVa Research on
  - a. Tightening of vulva and vagina
  - b. GSM
  - c. Urinary and Fecal Incontinence
  - d. OAB
  - e. Orgasmic Dysfunction
  - f. Stack Therapy with Fractional Laser combination
  - g. Vulvar Dystrophy, Vulvar Vestibulitis, Lichen Sclerosis, Pelvic Pain
- 7. Gynecologic Predictive Permeation for local anesthesia, vulvar lightening and plumping, platelet rich plasma and amniotic fluid placement, treatment of vulvar dystrophy/LS/Dermatitis.
- 8. O2Vasc development, research, production: Topical serum to increase genital bloodflow
- 9. Amniotic Fluid and Exosomes for gynecologic conditions
- 10. NEO Naturals Exosome for Gynecologic Condition
- 11. FemXHA PRP + HA Kit for Vulvar Filling and Lichen Sclerosis Treatment

# **Recent Awards**

1. July 2015: Best Feminine Rejuvenation, The Aesthetic Show, Las Vegas, NV



2. April 2016: Award of Innovations in Cosmetic Gynecology, European Society of Aesthetic Gynecology, Rome, IT



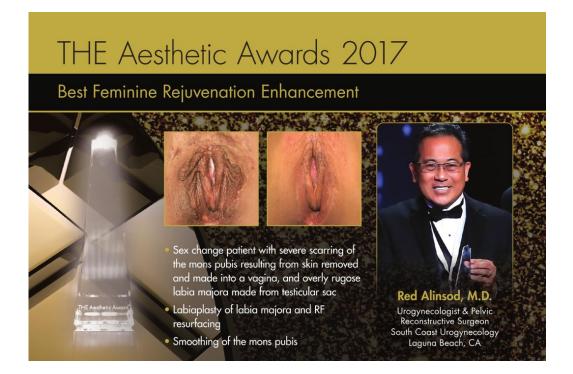
3. Feb 2017: Outstanding Contributions to Cosmetic Surgery 2017, International Society of Cosmetogynecology, San Diego, CA



4. May 2017: Award of Lifetime Contribution in Cosmetic Gynecology, European Society of Aesthetic Gynecology, Madrid, Spain.



5. July 2017: Best Feminine Rejuvenation Enhancement, The Aesthetic Show, Las Vegas, NV



6. April 2018: Outstanding Contribution in Cosmetic Gynecology, European Society of Aesthetic Gynecology, London, UK.



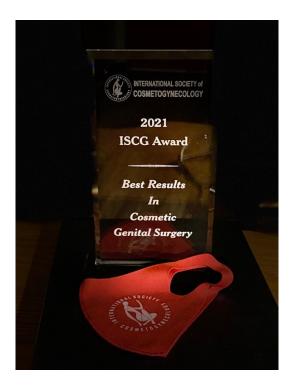
7. June 2019: ESAG Master's Course Faculty, Edinburg, Scotland. With Marco Pelosi II, Alexander Bader, Marco Pelosi III, John Miklos.



8. March 2020: Award for Best Results in Cosmetic Genital Surgery and for Teaching Excellence, The International Society of Cosmetogynecology, Ft. Lauderdale, FL.



9. March 2021: Award for Best Results in Cosmetic Genital Surgery, The International Society of Cosmetogynecology, Ft. Lauderdale, FL



10. March 2022: Award for Best Results in Cosmetic Genital Surgery, The International Society of Cosmetogynecology, Ft. Lauderdale, FL



11. October 2022: Launch of Gynflix Cosmetic Gynecology e-Learning



Cosmetic Gynecology e-Learning from Red Alinsod, MD



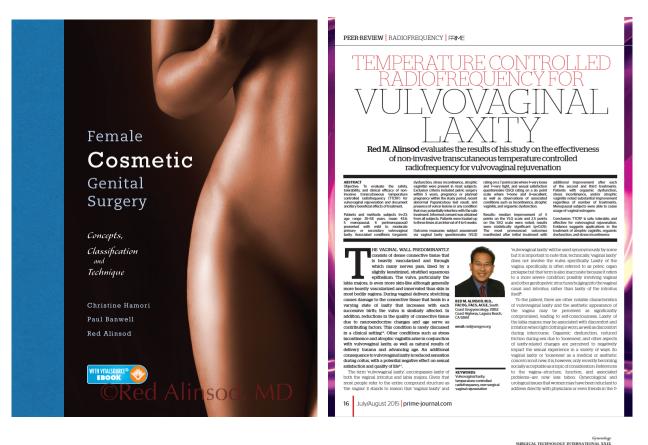


12. March 2023: Laguna Beach Business Hall of Fame: Best Doctor 16 years in a row

13. March 2023: Best Doctor from National Women' Choice Award



# **Publications**



Lasers in Surgery and Medicine 48:641-645 (2016)

### **Transcutaneous Temperature Controlled Radiofrequency** for Orgasmic Dysfunction

Red M. Alinsod, MD, FACOG, FACS, ACGE\* South Coast Urogynecology, 31852 Coast Highway, Laguna Beach, California 92651

Key words: temperature-controlled radiofrequency; vul-vovaginal rejuvenation; orgasmic dysfunction; vaginal rejuvenation; vaginal laxity

© 2016 The Authors. Lasers in Surgery and Medicine Published by Wiley Periodicals, Inc.

South Coast Uragonecology, 31852 Coast Highway, Laguna Beach, California 92851
Background and Objectives: To evaluate the sapid perturber controlled radiofrequency (TTCRP) to evalues, induces a sole-oc-quant. Leak patient resource and the therapeutic outcome is achieved, it is to find and classe for expansic dynamics and Methods Subjects in an evaluate of the same set of the same set of the same set of the perturber of the same set of the perturber of the same set of the perturber of the same set of the s

Key words temperature-controlled radiofrequency; val-wordgrain rejuvenation; ergannic dynfunction; vagrain rejuvenation; vagrain laxity **DIRIODUCTION** The use energy-based therapies for rejuvenation of his in aesthetic medicine is common, and among the ron-invasive or minimally invasive radiofrequency (18) regry is a well-studied and popular alterative (18) regry is a well-studied and popular a

# **Transcutaneous Temperature Controlled Radiofrequency (TTCRF)** for the Treatment of Menopausal Vaginal/Genitourinary Symptoms

# GUSTAVO LEIBASCHOFF, MD

SPECIALIST GYNECOLOGY AND OBSTETRICS DEPARTMENT UNIVERSITY OF BUENOS AIRES SCHOOL OF MEDICINE BUENOS AIRES, ARGENTINA

PABLO GONZALEZ IZASA, MD PABLO GOZAILE IZASA, MD SPECIALIST GYNEGOLOGY AND OBSITTERICS DEPARTMENT MILITARY UNVERSITY OF COLOMBIA HEAD CHIEF UROGYNECOLOGY DIPARTMENT HOSPITAL UNVERSITARIO SA JORGE PEREIRA, COLOMBIA

IOSE LUIS CARDONA, MD

SPECIALIST PATHOLOGY DEPARTMENT UNIVERSIDAD TECNOLOGICA PEREIRA, COLOMBIA

ABSTRACT

JOHN R. MIKLOS, MD JOIN R. A. WRELOS, MD SPICALISH FEMALE PLIVIC MEDICINA AND RECONSTRUCTIVE SUBGERY DEPARTMENT INTERVATIONAL UNGENINGCOLOGY ASSOCIATOS OF ATLANTA BURNAY, UNITED ARAB EMBARTS DUBAS, UNITED ARAB EMBARTS PROFISSOR OBSTITIEUS AND GYNECOLOGY DEPARTMENT EMORY UNIVERSITY ATLANTA, GUORGIA

ROBERT D. MOORE, DO, FACOG, FPRMS, FACS SPECIALIST FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY INTERNATIONAL UROGYNECOLOgY ASSOCIATES OF ATLANTA BEVERLY HILLS, CALIFORNIA AND DUBAI, UNITED ARAB EMIRATES PROFESSOR OBSTETRICS AND GYNECOLOGY DEPARTMENT EMORY UNIVERSITY ATLANTA, GEORGIA

biective: The aim of this study was to evaluate the effects of non-ablative, monopolar transcutaneous emperature controlled radiofrequency (TTCRF) technology in the treatment of postmenopausal n suffering from genuine stress urinary incontinence (SUI) related to menopause and to evaluate histological changes vaginally associated with the treatment.

Materials and Methods: Subjective and objective symptoms of SUI were assessed in study subjects before and after TTCRE (1 treatment every 30 days, for 3 months; n=10) and compared with the effects of a placebo treatment on a control group of demographically similar women (n =10). SUI was subjectively evaluated with subjective Urogenital Distress Inventory (UDI-6) and with the International Consultation on Incontinence

## **Histologic and Clinical Changes in Vulvovaginal Tissue** After Treatment With a Transcutaneous Temperature-**Controlled Radiofrequency Device**

Monique J. Vanaman Wilson, MD,\* Joanna Bolton, MD,† Isabela T. Jones, MD,† Douglas C. Wu, MD, PhD,† Antoanella Calame, MD,† and Mitchel P. Goldman, MD!†

BACKGROUND Although transcutaneous temperature-controlled radiofrequency (TTCRF) may effectively treat vulvovaginal laxity (VVL), atrophic vaginitis (AVL), orgasmic dysfunction (OD), and stress urinary incon-tinence (SUL), there is a lack of histopathologic evidence to validate its use.

OBJECTIVE Evaluate clinical and histological changes induced by vulvoyaginal TTCRF.

MATERIALS AND METHODS This was a prospective, nonrandomized trial. Ten female subjects with mild-to-moderate VVL, with or without AV, OD, andor? SUI underwent 73 TTCRFs at 4-week intervals. Five subjects underwent pre-and post-treatment bicposes of the bials majora and vaginal canal for histology. Assessments were performed at baseline and Days 10, 30, 60, and 120.

RESULTS Investigatorrated WL improved significantly from baseline to Day 10, with improvement main-tained through Day 120 (p = .001 and .001; respectively). Sexual satisfaction improved significantly by Day 60 (p = .001). Improvement in AV resched significance at Day 120 (p = .048). Although OD and SUI improve steadily, the difference in improvement did not reach statisfical significance. Histology revealed that post treatment increases in collagen, elastiv, vascularity, and small energy fibers.

CONCLUSION Transautaneous temperature-controlled RF resulted in significant improvements in AV VUU and sexual satisfaction with milder improvements in OD and SUI. Post-treatment histology demonstrate neossinglessis, neoelastogenesis, neoelastogenesis, and the first reported finding of TTCRF-related neuro neossinglessis.

Supported by ThermiGen LLC.

Vulvovaginal rejuvenation is an increasingly popular procedure. Aging, menopause, weight flactuations, and childhirth creater mechanical forces on the vulva and vagina, and reduce the quality of connective issue in the area, leading to symptomo of vulvovaginal laxity (VVL), atrophic vaginitis (AV), stress urinary incontinence (SUI), and orgasmic dyfunction (OD). Although women rarely discuss these issues, they can significantly detract from quality of life. In the pars, options for addressing these concerns were limited to hormonal therapies,

lubricants, Kegel exercises, and traditional surgical intervention. Now, there are several laser and energy devices that can provide minimally and noninvasive vulvovaginal rejuvenation.<sup>1</sup>

Monopolar radiofrequency (RF) is an established modality for tissue tightening both on and off the face.<sup>2</sup> Radiofrequency induces collagen denaturation with subsequent contraction of fibria, neccollagenesis, and activation of the healing cascade.<sup>34</sup> In 2010, Millheiser and colleagues5 demonstrated the efficacy of monopolar

\*California Skin Institute, Sumyyale, California: 'Alliant Dermatology, The Villages, Horida; 'McLean Dermatology and Séncare Center, McLean, Vergina; 'Goldman, Buttensich, Groß, Fabi and Wu, Cosmeti C Lase Dermatology, San Diego, California: (Company Dermatophalogy, San Diego, California; 'Department of Dermatology, University of California, San Diego, San Diego, California

© 2018 by the American Society for Dermatologic Surgery, Inc. Published by Wolters Kluwer Health, Inc. All rights reserved. ISSN: 1076-0512 • Dermatol Surg 2018;0:1–9 • DOI: 10.1097/DSS.000000000001453

Lasers in Surgery and Medicine 49:137-159 (2017)

### Light and Energy Based Therapeutics for Genitourinary Syndrome of Menopause: Consensus and Controversies

Synchrome of Meinopause: Consensus and Controversises

Yona Tadir, m., <sup>1</sup>, Adrian Gaspar, m., <sup>2</sup>Apinoam Lev-Sagie, m., <sup>3</sup>Marvo Cambaciani, <sup>1</sup>, <sup>1</sup> Jearg E. Gaviria, m., <sup>1</sup> Marvo Cambaciani, <sup>1</sup> Jearg E. Gaviria, <sup>1</sup> Marvo Cambaciani, <sup>1</sup> Jearg Jearg C. Baviria, <sup>1</sup> Marvo Cambaciani, <sup>1</sup> Jearg Jearg Jearg Cambaciani, <sup>1</sup> Paodroma Odo Disterics and Gyneology, <sup>1</sup> Marko Marton, <sup>1</sup> Marvo Cambaciani, <sup>1</sup> Jearg Jearg, <sup>1</sup> Marvo Cambaciani, <sup>1</sup> Jearg Je

Gynacologist and plastic surgeons pionesred the applia-tion of Jasers in medicine and surgery almost 5 decade ago, va-nitially used to treat corvical and vaginal patholics. The second secon

Key words: laser; radiofrequency; energy based device; genitourinary syndrome of menopause (GSM); vagina; vulva; rejuvenation; stress urinary incontinence (SUI); lichen sclerosus; vulvoqinia

LASERS IN GYNECOLOGY: HISTORIC OVERVIEW Almost 5 decades ago, gynecologist and plastic surgeons pioneered the integration of lasers for the ablation of

© 2017 Wiley Periodicals, Inc.

diseased tissue [1]. Energy of the focused CO<sub>2</sub> laser beam was exploited to create incisions by tissue vaporization, while the defocused beam, featuring a lower energy density, elicited tissue contraction, and was applied to treat various exervical and vaginal pathologies [2]. In the 1970s, various lesions such as genital warfs on the uterine cervix, were treated with the CO<sub>2</sub> laser which has since become a common treatment approach for genital warfs with micromanipulators connected to objoaccepts.

Cardiat of Interest Discharmse All antions have completed and submitted the UAME Form for Discharms of Polential Conflicts of Interest and have disclosed the following (Polen Takir constraints) and the second second second second properties 1, one Site Betratter, and Cologitat Consultants, the second second second second second second constraints for Thermi, review regulary by The Thermity, Con-granting, Boyalty for Allmood Surgical Expirates, Edit constraints, Boyalty for Allmood Surgical Expirates, Edit constraints, Boyalty for Allmood Surgical Expirates, Bolt constraints, Boyalty for Allmood Surgical Expirates, Bolt constraints, Boyalty for Allmood Surgical Expirates, Science and Constraints for DEKA laser. All other s-authors ashing to constraints for DEKA alser. All other s-authors ashing to filtation number were corrected; Boltantian University and the Science and Science and Boltantian University and the Science and Science and Science BA, East Person, 2017, MD, Bechman Laser Barting Milliation number were corrected; Patholited on the Wing Online Library Multipathol Constraints, Science and Science All Science Science and Science BA, East De Mark Science BA, Science Science Science BA, Scien

Funding information Fotona Dynamis, Syn Luminus, ThermiAestl idela, Sciton, ive Medical, niAesthics, Viveve and BTL Aestheti arch for the manu KEYWORDS CO2-based lasers, erbiur radiofrequency devices script with

WILEY CD

Review and clinical experience exploring evidence, clinical efficacy, and safety regarding nonsurgical treatment of feminine rejuvenation

Michael Gold MD<sup>1,2,3,4</sup> | Anneke Andriessen PhD<sup>5,6</sup> | Alexandros Bader MD<sup>7</sup> | Red Alinsod MD<sup>8</sup> | Elizabeth Shane French<sup>9</sup> | Nathan Guerette MD<sup>10</sup> | Yegor Kolodchenko  $\mathsf{MD}^{11} \hspace{0.1 in}|\hspace{0.1 in} \mathsf{Michael}\hspace{0.1 in} \mathsf{Krychman}\hspace{0.1 in} \mathsf{MD}^{12} \hspace{0.1 in}|\hspace{0.1 in} \mathsf{Susan}\hspace{0.1 in} \mathsf{Murrmann}\hspace{0.1 in} \mathsf{MD}^{13} \hspace{0.1 in}|\hspace{0.1 in} \mathsf{Julene}\hspace{0.1 in} \mathsf{Samuels}^{14}$ 

...... Jkin Care Center, Nashville, TN, USA <sup>2</sup>Tennessee Clinical Research Center, Nashville, TN, USA <sup>3</sup>Vanderbit<sup>e 1-1</sup>

Accepted: 13 February 2018 DOI: 10.1111/jocd.12524

ORIGINAL CONTRIBUTION

Nashville, TN, USA <sup>3</sup>Vanderbilt University School of Nursing, Nashville, TN, USA <sup>4</sup>School of Medicine, Meharry Medical College, Nashville, TN, USA

<sup>5</sup>Radboud UMC, Nijmegen, The Netherlands

<sup>6</sup>Andriessen Consultants, Malden, The Netherlands

<sup>7</sup>Ob&Gyn, London – Dubai – Athens, London, UK wincolli, UK <sup>®</sup>Alinsod Red South Coast Urogynecology, Laguna Beach, CA, USA <sup>®</sup>Women's health clinic, New Orleans, CA, USA

NYN, Ukraine <sup>12</sup>Southern California Center for Sexual Health and Survivorship Medicine Inc., Newport Beach, CA, USA <sup>12</sup>IGYN, Memphis, TN, USA

S<sup>54</sup>The Springs Medical Center, Louisville, KY, USA

Correspondence Anneke Andriessen, Radboud UMC, Nijmegen, The Netherlands. Email: anneke.a@tiscali.nl

itol 2018:1-9.

<sup>10</sup>Sciton, Palo Alto, CA, USA <sup>11</sup>Association of Laser Medicine and Cosmetology, Cogerent Laser Clinics Group Yylv, Ukraine Introduction: The use of energy-based devices for the treatment of vaginal laxity, orgasmic dysfunction, and stress incontinence, such as minimally ablative fractional laser and radiofrequency, is gaining momentum. This review aims to answer divial questions on the application of energy-based devices for feminine genital rejuvena-

Wethods: The target group includes physicians involved in esthetic medicine and feminine genital rejuvenation. A literature review was conducted on technologies in use for feminine rejuvenation to explore their safety, efficacy, tolerability, patient satisfaction, and dinical usability. A panel of physicians with clinical experience con-

satisfaction, and clinical usability. A panel of physicians with clinical experience con-ducting these types of treatment reviewed and discussed the results of the litera-ture search and gave clinical evidence-based recommendations. Results: Energy-based devices may induce wound healing, stimulating new collagen, and elastin fiber formation. Radiofrequency treatment may also increase small nerve fiber density in the papillary demis, improving nerve sensitivity, sexual function, including arousal and orgasmic dysfunction. Both minimally abative fractional laser and including arousal and orgasmic dysfunction. Both minimally abative fractional laser and including arousal and orgasmic dysfunction. including arousal and organic dysfunction. Both minimally ablictive fractional laser and radiofequency has been shown to be effective when treating mild to moderate primary or secondary vulvovaginal laxity and associated secondary conditions. These treatments are reported to be safe, effective, and well tolerated with a rapid return to activities of adapt living. Conclusions: As this is an evolving medical field, clinical evidence often lacks

constraints, to use the termination of the second s ered by trained staff as part of the comprehensive care, that is, currently available to we

ım:yttrium-aluminum-garnet lasers, feminine rej

prary.com/iournal/iocd

THE JOURNAL OF OBSTETRICS AND Gynecology of India

The Journal of Obstetrics and Gy DOI 10.1007/s13224-016-0868-0 INSTRUMENT REVIEW

ThermiVa: The Revolutionary Technology for Vulvovaginal **Rejuvenation and Noninvasive Management of Female SUI** 

Navneet Magon<sup>1</sup> · Red Alin

© Federation of Obstetric & Gynecological Societies of India 2016



About the Reviewer Dr Navneet Magon currently works with Indian Amedi Dircrea, and is presently posted to the busiest hospital of Amedi Forces Medica Stevices. Arkently involved with academics, Dr Magon has over 60 peer reviewed publications to Shafe. To Magon has which includes publications in Shafe's CPOG, and has contributed chapters to various postgraduate books. Dr Magon is a preservicent of many anisonal and antematican and publications for Medica journal of POGSI. Avandal with the presignous FOGSI Dr Marini Bac Oracion for year 2014 and AOTOC Dr SS Batterin Young Oprocologies and 2015, he in greater the Navional Contantor for FOGSI Battering States (2015–2018) as well as POGSI Urograecology Committee (2014–2017). An ace peivice reconstructive and endencopie surgon, Dr Magon or Urogreencology and Probe Headh Association of Indian.

Abstract Addressing vaginal laxity, atrophic vaginitis, stress urinary incontinence (SUD), and different manife-tations of sexual dyfunction has always been problematic based with dectors as well as the societal attitude of re-ignation toward these conditions. The recent rise of non-invasive feminine rejuvenation using energy-based

Dr Navneet Magon is a Obstetrician-Gynocologist, Endoscopic Surgeon, and Vaginal Reconstructive and Cosmetic Surgeon at Base Hospital, Dehi Cantt. Dr. Red Almod is a Uncyneocologist and Cosmetic Vaginal Surgeon at South Coast Urogynecology, CA.

Navneet Magon navneetmagon@gmail.com

Obstetrician, Gynecologist and Endoscopic and Pelvic Reconstructive Surgeon, Department of Obstetrics and Gynecology, Base Hospital, Delhi Cant, India South Coast Urogynecology, Laguna Beach, CA, USA

Springer

lished online: 12 April 2016

modalities to vaginal tissue has its origins in aesthetic medicine. Transcutanoous temperature-controlled radiofrequency, therapy at the vulvvaginal region has shown promising results in giving a more youthful appearing vulva, restoration of vaginal elasticity and "tightness", considerable improvement in SUL reduction in overactive blader symptoms, and reduction in sexual dysfunction. It is also emerging as the non-invasive treat-ment modality for mild to moderate SUL It seems that the time has come, when women shall ever be grateful to their graceologist for management of SUI with ThermiVa without an incision.

Keywords Female sexual dysfunction  $\cdot$  Stress urinary incontinence  $\cdot$  Vaginal Rejuvenation ThermiVa  $\cdot$  Laser

Between childbirth and menopause, vagina and nearby tissues undergo numerous changes leading to a well-



© 2018 Wiley Periodicals. Inc. 1

## SOUTH COAS LINSOD INSTIT

# Transcutaneous Temperature Controlled Radiofrequency for Atrophic Vulvovaginitis and Dyspareuni Red Alinsod, MD., FACOG, FACS South Coast <u>Urogynecology</u>, Laguna Beach, CA



OBJECTIVE To evaluate the safety, tolerability, and clinical efficacy of non-surgical transcutaneous temperature controlled radiofrequency (TTCRF) for atrophic vulvovaginitis and dyspareunia.

BACKGROUND TTCRF brings with it numerous advantages for the treatment of skin disorders.<sup>1</sup> KF is an established modality for tissue tightening via stimulation of neo-collagenesis, tissue contraction, and activation of the healing cascade. This was shown in a histological study of KF in animal studies.<sup>2</sup> Improvement of blood flow also appears to be a key mechanism of action that results in increased neuropeptide release, vasodilitation of arterioles, and increased transudate into the vaginal canal. The specific temperatures (40-45 C) to achieve these tissue endpoints is modulated by controlling the power, in relation to tissue impedance, which raises tissue temperature in the proximity of the RF electrode.

Thermistors and thermocouples within the treatment probe provide feedback to the device, which controls power to modulate energy deposition and maximize therapeutic relevancy without causing damage and minimizing the potential for patient discomfort. Unlike laser-based treatments, skin type (color of pigmentation) is not an issue with RF energy; and while it is proven effective on surface skin of the face and other body regions, RF is even more effective in tissue that is naturally moist and well hydrated, as in the vaginal and vulvar structures.

- PATIENTS
  25 patients (age range 35-69 years, mean 54) who complained of significant atrophic vaginitis and dyspareunia
  5 Patients had severe introital stenosis allowing only small fingertip entry
  8 patients were being treated with hormone replacement therapy including vaginal estrogens but with unsatisfactory responses
  Exclusions: Pregnancy, chronic steroid and anti-inflammatory medication use, undiagnosed vulvar lesions, prior pelvic mesh surgery
  Methods: 3 Monthly 20 minute sessions using TTCFF handpiece both on vulva (10 min) and vagina (10 min), No anesthesia
  Treatment Endpoints: 40-45 Celcius on tissues lasting 3-5 minutes per site of treatment

- uation: Patient report of symptoms resolution, Evaluation of moisture production, comfort during inte Validated questionaires (Vaginal Laxity Questionaire, Sexual Satisfaction Questionarie, FSFI) Photographic evaluation Before and After each treatment at each visit No serious adverse complications. No blisters or burns.



Figure 1. Before and after pictures of multiparous woman, age 59 years, complaining of severe atrophic vulvovaginitis with poor response to long term vaginal estrogens; outcome after three treatments with TTCRF included visible aesthetic improvement and complete resolution of atrophic vulvovaginitis. Dysparcunia was resolved and the patient felt significant tightening effects and increased sensitivity.

## OUTCOME

- OUTCOME

   All 25 patients reported resolution of their symptoms of vulvovaginal dryness and dyspareunia.

   All showed improvement in the Sexual Satisfaction Scale (Average of 2.5 points)

   All reported elimination of lubricant use or only an occasional need for lubricants.

   Effects of treatment are lasting 9-12 months before the need for single touchup treatments.

   Of the 25 patients in the atrophic vaginitis study group, there were 12 with SUI and/or OAB symptoms. Those 12 had resolution of both symptoms without the need for physical therapy or Kegels exercises. Tissue tightening effects were seen externally and internally. Ongoing studies are being performed on this subset of SUI and OAB patients.

   Severe vaginal introital stenosis resolved with TTCRF treatments in 5 patients resulting in improved post treatment pliability, softness, and thickness of vaginal tissues.



# **Transcutaneous Temperature Controlled Radiofrequency** for Overactive Bladder

Red Alinsod, M.D. 1 South Coast Urogynecology, Laguna Beach, CA, USA

## INTRODUCTION

Overactive bladder with and without incontinence is rising with the aging population. Most transmost involve lifestyle change, medications, neuromobulations, and more effects. Other treatments have proceeding and any angle risks. The treatments have proceeding and any angle risks. Threasgoain and any frequency treatments for vapilal lightening and atrophy have recently been introduced that have shown shrinking or the vaginal muccas with increased vagant mostour. Rule frequency effects on bladder and urethral tissue at 40-45 Cellus has been shown to be agad and well biolarce.

#### AIM

To evaluate the safety, tolerability, and clinical efficacy of transcutaneous temperature controlled radiofrequency (TTCRF) on anterior vaginal tissue for overactive bladder.

#### METHOD

- MEIHOD
   / 75 wome, ages 21-85, with overactive bladder included in the study
   Each patient received 3 sessions at intervals of about 1 month.
   Treatment was performed using all im 5-shape probe with a stamp-sized metal radiorfrequency emitter on one surface of the tip (10 minutes total time on average).
   Full length treatment of the anterior vagina with concentration on the gubcoervical faces was performed.
   Tissue temperature during therapy was elevated to and maintained between 40 dorgenes Can 45 degrees C.
   No anesthesia was required.
   Not an esthesia was required.
   After treatment patients immediately resumed normal routines, including exercise and sexual activities.

# RESULTS

- 68/75 (90.6%) patients overactive bladder without . incontinence reported a reduction of OAB symptoms by at least one third. 33%
- 43/75 (57%) patients with overactive bladder without incontinence reported a 50%+ reduction in OAB symptoms.
- Of these patients 24/75 (32%) completely resolved their OAB • symptoms.
- Seven patient with s (9%) had more moderate symptoms . reduction of 25% and less. All seven of these patients had overactive bladder with incontinence.
- All patients noticed some reduction in OAB symptoms over baseline.
- Results for nocturia were similar.

#### CONCLUSIONS

TTCRF is an effective non-pharmacologic, non-surgical option for women with overactive bladder symptoms. Treatment have a visible tightening effects on vaginal mucosa and also appears to increase local blood flow, resulting in increased vaginal tightness and moisture. Improvement of symptoms in overactive bladder without incontinence is more dramatic than with overactive bladder with incontinence.



A Slim finger sized S-Shaped wand with a stamp sized metal radiorecuency emitter on the back side can be used on the external vilvar structures and deep inside the vagina all the way to the apex. The entire anterior compartment is treated with emphasis on the <u>subscrycical</u> facia to 40.45 degrees. Celsius for approximately ten minutes to shrink tissues. Increase collagen production, and increase local blood flow.



### ACKNOWLEDGEMENTS

Thank you to Diane, Maria, Marisol, and Cindy. An incredible staff.

REFERENCES	Contact Information:
	South Coast
Mutholiand KS, Radio frequency energy for non-invasive and minimally invasive skin tightening. Clin Plast Surg 2011;38(3):437-48.	
Alinsod RM. Temperature controlled radiofrequency for vulvavaginal laxity. PRIME 2015;3(4):16-21.	Urogynecology
Mithesiaer LS, Pauls RN, Herbst SJ, Chen Bill. Radiofrequency treatment of vaginal laxity after vaginal delivery: nonsurgical vaginal tightening. J Sec Med 2010;70(3)2088-95.	Laguna Beach, CA USA www.urogyn.org
Seliguchi X, Utugisawa X, Azekozi X, et al. Ladity of the vaginal introitus after childbirth: nonsurgical outpatient procedure for vaginal lissue restoration and reproved sexual satisfaction using low-energy radiofrequency thermal therapy. J Womens Health (Larcherd; 2018;22(9):755–81.	red@urogyn.org

South'Coast

## **Curvilinear Labiaplasty** and Clitoral Hood **Reduction Surgery**

### David Ghozland, MD<sup>a</sup>, Red Alinsod, MD<sup>b,\*</sup>

#### KEYWORDS

Labiaplasty • Clitoral hood reduction • Radiofrequency • Barbie look • Hybrid look
 Curvilinear labiaplasty • Linear excision labiaplasty

#### **KEY POINTS**

- Curvilinear labiaplasty is an effective surgical technique with the fewest risks. It can achieve the appearance the patient desires in almost all cases.
- Labiaplasty is best done in an office setting. Local anesthesia in an awake setting without an intra-The same basic surgical technique is performed to achieve the degree of labial reduction the patient
- wants. Clitoral hood reduction surgery is often recommended to achieve a balanced and symmetric
- appearance.
- Radiosurgical tools and techniques are exceptionally precise with minimal lateral heat spread.

#### CASE STUDY

Erica is an active 35-year-old mother of three chil-dren and an athetic trainer. For years, she has felt uncomfortable when wearing her usual workout clothes and aesthetically not pleasing. In her situ-ation, her enlarged labias have caused discomfort and chaffing when rubbing against her clothing. This led to patinul intercourse and near-constant irritation bringing her into our office for a surgical consultation. Using a cumilerar approach, we were able to correct the issue with minor recovery trave

time. A lability minora surgery and clitoral hood reduction is an outpatient procedure either per-formed under local or general anesthesia that serves to improve the aesthetic and functional quality of the vulva.<sup>1-3</sup> The procedure not only re-stores confidence and self-estem but improves discomfort and irritation for many women. Pres-ently, labilgetsy minora procedures are one of the most frequently performed aesthetic vaginal

The Technique Used After years of performing labiaplasty surgery and experimenting with various styles of surgical tech-nique, our preferred approach to performing this procedure is the curved linear technique (some-times referred to as curvilinear excision, cutting, times reterred to as cumulinear excision, outling, or amputation techniques) or elliptical excis-sion.<sup>2,4,6</sup> In our opinion it is the most effective with the fewest risks. The incision runs along the length of the labia. It allows the surgeon to remove darker pigmentation often found on the edges of the labia and more accurately create the new shape of the labia as determined by the patient. However, it should be noted that the technique is

surgical procedures. Considering normal anatomic variations, Hodgkinson and Hait" defined the ideal aesthetic picture of female external gentalia as the one in which the labla mixora are small and not larger than the labla majora.

\* 11645 Wilshire Boulevard, Suite 905, Los Angeles, CA 90025, USA; <sup>b</sup> Alinsod Institute for Aesthetic Vulvova-ginal Surgery, South Coast Urogynecology, Inc. 31852 Coast Highway, Suite 203, Laguna Beach, CA 92651, USA \* Corresponding author. *E-mail address:* red@urogyn.org

Clin Plastic Surg 49 (2022) 455-471 https://doi.org/10.1016/j.cps.2022.06.007 0094-1298/22/© 2022 Published by Elsevier Inc

# Int Urogynecol J DOI 10.1007/s00192-013-2117-8

REVIEW ARTICLE

#### Female genital cosmetic surgery: a review of techniques and outcomes

Cheryl B. Iglesia • Ladin Yurteri-Kaplan • Red Alinsod

#### Received: 15 April 2013 / Accepted: 18 April 2013 © The International Urozynecological Association 2013

<sup>6</sup> The International Unspreschagical Association 2013 Abstract The aesthetic and functional procedures that com-prise formale genital comenic anarger (PGCS) include traffic-tional vaginal prolapee procedures is a well as cosmetic vulvar and labil procedures. The line between cosmetic and medically indicated surgical procedures is blurred, and today many opentions are performed for both parposes. The contributions of gynecologists and reconstructive pelvic surgeons are encircled. The both expresses. The surgeons may uniterationally blur legitimate female pelvic flord sixeders with other aesthetic conditions. In the ab-sence of quality outcome data, the value of FGCS in im-proving secard function remains uncertain. When seeking FGCS should also be screened for psychological conditions and doubt at automenology without cortecin from part-ners or surgeons with proprietary conflicts of interest.

C. B. Iglesia Section of Female Pelvic Medicine and Reconstructive Surgery, MedStar Washington Hospital Center, Washington, DC, USA

C. B. Iglesia ()
Departments of ObGyn and Urology, Georgetown University
School of Medicine, 106 Irving Street, NW Suite 405 South,
Washington, DC 20010, USA
e-mail: cheryLiglesia@medstar.net

L. Yurteri-Kaplan Section of Female Pelvic Medicine MedStar Washington Hospital Center, Georgetown University School of Medicine, 106 Irving Street, NW Suite 405 South, Washington, DC 20010, USA

R. Alinsod South Coast Urogynecology, Inc, 31852 Coast Highway Suite 200, Laguna Beach, CA 92651, USA

Published online: 22 May 2013

# Keyword Female genital cosmetic surgery · Cosmetic gynecology · Vaginal rejuvenation · Labiaplasty · Vaginoplasty

Introduction

Consumer marketing and media hype have spawmed the con-siderable controversy over female genital cosmetic surgery (FGCS). FGCs articles first appended in North American (PGCS). FGCs articles article appeared in property 1, 1978, and the first technical article appeared in data of libriplasty, vaginoplasty, and other cosmetic gyneco-logical procedures.

#### Female genital perceptions

Women seek FOCS for both aesthetic and functional reasons including pain with intercourse or sports, vulvar initiation, chaf-ing, and discomfort with underwear or clothing [3]. Younger generation X women (ages 18-44) prefer public hair removal, which allows for easier vulvar visualization compared with accusance A women (ages 18-44) prefer public hair renoval, which allows for easier vulver visualization compared with older women (4). Konig et al. found that 78 % of 482 women learned about labia minora reduction visu the media and 14 % thought their own labia minora reduction precive their own gamialia as abnormal [6]. Feedings of embarrasment with relationships are also commonly eited as reasons for FGCS [7]. Issues of vulvar dissistification can start in early adolescence and have been reported in girth less that in 0 [8, 9]. Michala et al. evaluated 16 girth with a mean age of 14.5 years who presented for labia minora reduction [8]. Six girds were bohered by labia minora asymmetry while 10 compluted of labia minora per-tusion, despite having normal labial width.

D Springer

### Aesthetic gynecologic surgery

Radiofrequency resurfacing and revision of deepithelialized labia minora labiaplasty: review of literature and case study

RED ALINSOD Center and The Lapuna Laser Center, South Coast, CA

Absruer: The growing demand for Aesthetic Vulvo-vaginal Surgery (AVS), particularly elective and therapeutiti near networks proceedures, has instrumed the risk of failed latatpaintics when performed by interpretation complexitions of a solution of the complexitions of a solution balance of the solution of the solutio

Key words: Labia minora plasty; Radiofrequency; Aesthetic vulvo-vaginal surgery (AVS); Female genital cosmetic surgery (FGCS); Clitoral boot reduction

#### INTRODUCTION

(Dunck for

INTRODUCTION Endipsed or incrediate labits minore associated with themic region of the physical disconfise, e.e. an unight-y arobhetic appearance is a growing compliant of women socking surgical treatment from gynecologie surgeons or comercise surgeons. Labits minore (habits) plassy is the term for several female council; genital surgical techniques to perceptic, asymptotic, or prototuling labits) in the term disconfiguration of the several several several function and reshorts, or prototuling than immore for as-thetics of marcisening of the labits minore for as-thetics of marcisening of the labits minore for as-thetics of marcisening of the labits minore for as-sured in place of a scaled. More recently, radiofrequen-ey labilpately has been found to be beneficial due to its precision and safety in the citoteal area. <sup>4</sup> In a small case se-tive technique for stabits in hubpatery. Despinichilized biaphaty recently has gained popularity because of its marrow and suffery in the citoteal stability to preserve the stability for edges and neurosacular supply of the labits A combination of labits minora flate techniques, inclu-

natural free edges and neurowascular supply of the labits minoral. A combination of labit minora plasty techniques, includ-sing stress of the stress of the stress of the stress of the patient's individual needs'. Labits minora plasty precedures are minimally invasive surgerists that do not typically lead to significant surgery-related complications'. However, this minora theorem of the stress of the stress of the quarket yranied and experiments in surgers in stud-gated trained in the stress of the stress of the stress trained and the stress of the

ic procedures, but provided no credentials or photographic documentation of expertise in habinglasty. Approximately two weeks after here supery, the patient noticed holes in what appeared to be "de-epitheliatued" ar-cas of the labb. Scekeng a "hattice Appearance" to correct inon one month after her operation and then sent our office photors of the properturies results. The "harbst Lock" is a colloquial term for external genitalis characterized by ei-ther ao er only minimal labba minors into sent the external sent photors of the properturies results. The "harbst Lock" is an appointement with our office until two months after sam-gery to allow maximum time for normal wound healing. When no improvement occurred, the visited our office or month after initially contacting us. Her spenitre report indication and healing start in the size of the size or en-omoved from both sides of the labia minora. An inverted U cliontal boot chortics must also performed with the labia minora labiaplasty ("Figure 1).



Figure 1. - After de-epith ched de-epithelialization la biaplasty the minor l large flaps of skin

logy 2013; 32: 106-109 http://ww

DOI: 10.4274/tjod.33407 Turk I Obstet Gynecol 2018:15:105-111

# Review / Derleme

plasticsurgery.theclinics.com

## A mini-review of aesthetic gynecology and leading gynecology associations' approaches to this issue

Estetik jinekoloji ve önde gelen jinekoloji derneklerinin konuya yaklaşımı hakkında mini derleme

## ♥ Aylin Güneş<sup>1</sup>, ♥ Red M. Alinsod<sup>2</sup>

Yem Yucyil University Faculty of Medicine, Department of Obsterries and Gynecology, Stanbul, Turkey 2South Cost Urogynecology, Clinic of Urogynecology and Pelvic Reconstructive Surgery, California, United States of America

#### Abstract

Abstract Achieves generology has seen mercanong patent and physicani dermoid, hiltength huyscally fails in the regard obstration and generology, glassit-hearting specificity of the second specific spe

#### Öz

Addraw for Correspondence/Yazawa Adresi: Aylin Sorra MD, Yan Sangi Queeney Houly at Makata, Dynamara at Oscara and Granesale Sangi Addra Kontrol (1997) (2000) (2000) (2000) (2000) (2000) (2000) (2000) (2000) (2000) Scoredol Call Tartler (2000) (20

Introduction Developments in both technology and fashion induce seasonal dranges in the notion of botauty. The secal and cultural differences arrange contrains along by habity significant to a differences arrange contrains along by habity significant to a second search of the seasonal and arrange of the seasonal and the seasonal and the seasonal and seasonal and the seasonal and the seasonal and the arrange of the seasonal and the seasonal and the seasonal and operations are formed and the particular seasonal and operations are performed upon the particular sequence and an atomic version are small and not learned the particular sequence and the seasonal and the adding and the seasonal and the seasonal and the seasonal and the and and the seasonal and the seasonal and the seasonal and the adding and the seasonal and the seasonal and the seasonal and the adding and the seasonal a

105

## Int Urogynecol J (2007) 18:675-678 DOI 10.1007/s00192-006-0187-6

#### CASE REPORT

Dyspareunia and chronic pelvic pain after polypropylene mesh augmentation for transvaginal repair of anterior vaginal wall prolapse

Introduction

Lawrence L. Lin • Alexandra L. Haessler • Matt H. Ho • Lance H. Betson • Red M. Alinsod • Narender N. Bhatia

Received: 2 March 2006 / Accepted: 30 June 2006 / Published online: 20 September 2006 © International Urogynecology Journal 2006

Abstract Synthetic mesh augmentations for pelvic floor reconstructive surgeries are increasing in usage and popularity. Many tudies are focusing on the anatomical success rates of transvaginal metrics computationet repairs with synthetic mesh, with minimal attention on its postoperative complications. We present a case report on a 59-year-old pomongournel worms who under bat and of the synthetic metric of the synthetic metric earth elys, the developed severe dysparentia and definitianty choice pelvic pin. The patient finite conservative medical theory and now requests complete removal of the synthetic mesh.

Keywords Cystocele repair- Synthetic mesh -Polypropylene mesh - Dyspareunia - Chronic pelvic pain -Anterior repair

ial support or corporate sponsorship was obtained for this L. L. Lin · A. L. Haessler · M. H. Ho · L. H. Betson · N. N. Bhatia Division of Female Pelvic Medicine and Reconstructive Surgery, M. Alinsod South Coast Urogynecology, Southan Beach, CA, USA

. L. Lin (🖾) Iarbor-UCLA Medi edical Center, n St., D-3, Box 849, Torrance, CA, USA

Introduction
Synchrotic mebbes are being used with increasing frequency in various periods floor reconstructive surgeries. Building on the success of the tension-free vaginal tape sing: procedure, surgeress are beginning to expand the indications for outstatic mesh applications. Larger sizes of synchrist mesh of different materials and different providy through tapes of the second structure of the sec

infection, mesh erosion, dyspareum, anu carsone p.--pain. For the management of mild complications (e.g., small mesh erosion through he vagainal eithelmum), conservative treatment with vaginal estrogen therapy alone or in combination with authiotics may be sufficient. In the cases exposed mesh, can be trimmed in the office setting or, exposed mesh, can be trimmed in the office setting or, excessionally, a repeat intrappentive procedure may be necessary to undermine the vaginal epithelium and cover the exposed mesh with vagainal issues [2]. However, for the management of more severe complications such as dyspar-unia and chronic peivice pain, the tratternet options are more dauring. How do you manage a patient that presents

D Springe

Int Urogynecol J (2007) 18:675-678 DOI 10.1007/s00192-006-0187-6

CASE REPORT

Dyspareunia and chronic pelvic pain after polypropylene mesh augmentation for transvaginal repair of anterior vaginal wall prolapse

Introduction

Lawrence L. Lin • Alexandra L. Haessler • Matt H. Ho • Lance H. Betson • Red M. Alinsod • Narender N. Bhatia

Received: 2 March 2006/Accepted: 30 June 2006/Published online: 20 September 2006 International Urogynecology Journal 2006

Abstract Synthetic mesh augmentations for pelvic floor reconstructive surgeries are increasing in usage and popularity. Mays valides are focusing on the anatomical success rates of transvaginal metricic compartment repairs with synthetic mesh, with minimal attention on its postoperative complications. We present a case report on a Sylvan-did pomenopunal woman who underwest an anterior repair with 64-cm polypropylene mesh. Postop-chowing phytic pinn. The paint failed on conservative mediat therapy and now requests complete removal of the synthetic mesh. mesh

Keywords Cystocele repair - Synthetic mesh -Polypropylene mesh - Dyspareunia - Chronic pelvic pain Anterior repair

apport or corporate sponsorship was obtained for this L. L. Lin - A. L. Haessler - M. H. Ho - L. H. Betson - N. N. Bhatia Division of Female Pelvic Medicine and Reconstructive Surgery. UCLA Med

Coast Urogynecolog Beach, CA, USA

L. Lin (153) Ambor UCLA Medical Center, 2000 West Carson St., D-3, Box 849, Torrance, CA, USA

Introduction
Synthetic meshes are being used with increasing frequency in various periods from reconstructive surgeries. Building on the success of the transion-free vaginal tape sing procedure, surgerons are beginning to expand the indications for synthetic mesh applications. Larger sizes of synthetic mesh applications. Larger sizes of synthetic mesh applications are being used in prolate transition of the strain stra

infection, ench erosion, dyspareunia, and eroroue pevs-pain. The nemagement of mild complications (e.g., small mesh erosion frough the vagatal epithenian), conservative treatment with vagatal earogen therapy alone or in combination with hardiosis may be sufficient. In the cases exposed mesh can be termined in the office setting er-orceasionally, a repeat intraporative procedure may be necessary to undermine the vagatal epithelium and cover the exposed mesh with vagatal itsues[1]. However, for the mania and chronic policy in pain, the treatment option are more duanting. How do you manage a patient that presents

# Durability and complications of an ultra lightweight transvaginal mesh in the treatment of

pelvic organ prolapse R. M. Alinsod<sup>1</sup>, M. P. Patel<sup>2</sup>, T. B. Erickson<sup>3</sup> South Coast Urogynecology, Laguna Beach, CA 2 Carolina

1. Objective tra lightweight m last Corp, Minne ginally for the tre tmesh<sup>e</sup>, Colo placed transv pse (POP).

2. Background Data have shown that the rate the reduction in polypropylene mash ompromise in tissue support.<sup>12</sup> Mesh face density below 50-60 g/m<sup>2</sup> and than 1.2 mm are considered to be high porosity.<sup>2</sup> Restorelie is a type I sh, considered to be may decrease wit density, without c material with a su a pore size larger than of low weight and high proppropyene mesh, considered to be ultra lightweight and of high porceity, as it possesses a density of 19 g/m<sup>2</sup> and a pore size between 1.6 and 2.0 mm 3. Methods 

# using Kaplan-I Exact Confide mesh units pla

A Results 481 sayout s. 100 rise post inscisi with the default of patient as check to adjust a service to 481 sayout s. 100 rise post inscisi with the default of patient as check to adjust of the the default as check to adjust of the same service that adjust and the service to adjust of the the default adjust of the same service that adjust adjust of the same service that the same service that differences between Check's were adjusted and the same check represents in the patient position on the same (RS), and position to adjust of the same service represents the same service that differences between Check's were adjusted and the same service represents of the patient position on make set (RS), and position to adjust of the same service represents in the patient same set (RS). Adjust default adjust default adjust a

pe (veers)		e (N-247) Cultori I Matteri (N) / % (N)		Short-larm maan e sta	Follow up (N -22) instant deviation (f	0,000,012 0,7% (M)	Witcom / Chi-Squa P-salae
	614 x 124 (40)	61.4 x 12.4 (24)		50.5 a 12.5 (254)			0.053
ravidity	2.9 + 1.7 (25%)	2.9 + 1.7 (29)		3.6 + 20 (216)			-0.001
any .	2.5 x 14 (225)	2.5 x 14 (22)		2.1 x 14 (24)			0.007
ody Mass India (SMI)	211 + 5.8 (222)	211 + 6.8 (222)		272 + 5.5 (199)			0.690
eght (riches)	64.2 ± 2.6 (234)	64.2 ± 2.6 (234)		64.4 ± 2.8 (200)			0.254
Regnt (bc)	1578 + 20.5 (247)	157.8 + 30.5 (90)		\$60.6 + 20.4 (2m)			0.337
ravious Hysterectomy	47.8% (18)	47.8% (78)		38.55.50			0.039
revious incontinence Surgary	\$2.5% (PQ)	10.5% (20)		64%(10)			0.452
ravious POP Surgary	1.2%(2)	128(0)		276.61			0.409
re-Implant estrogen - Yes	45.8% (104/227)	45.8% (104/227)		45.5% (65/167)			0.942
oct implant actrogen - Yes	86.6% (201/222)	86.6% (201022)		86.1% (19.002)			0880
assine Grading/PCP-Q Staging							
nterior Procedures	N::079	N:079		N::04			0.404
	04.0	04.0		1.2% (2)			
	40.8% (72)	40.8% (72)		20.1% (98)			
	46.2% (84)	40.2% (0.4)		42.0% (73)			
	11.7% (21)	10% (21)		138% (20)			
lissing	0.0% (1)	0.0% (1)		4.0% (7)			
octarior Procedures	N-185	N-56		N+180			0.921
	1.0N(D)	1.0%(0)		1560			
	42.7% (79)	42.7% (79)		40.2% (%)			
	48.1% (87)	4815 80		43.0% B31			
	6.5% (12)	£5%(0)		7.4% (54)			
lissing	05.0	115.03		7.4%(54)			

# 13 16 16 8 6 26 8 7 4 5 4 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 7 6 5 6 7 6 5 6 7 6 5 6 7 6 7 6 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7 7 6 7 7 6 7 <th7</th> 7 <th7</th> 7

0/1005 il Obstat Biol Reprod 2004;32:577-68, 2 Int Urogynecol J 2012. Ecub Aerl

### TREATMENT UPDATE

**Recent Advances in Tape Slings** for Female Urinary Stress Incontinence

Red Alinsod, MD, FACOG, FACS

South Coast Urogynecology, Laguna Beach, CA

Sum toxis unspreasing, Lagna been, CA Sling therapy is the enhanced surgical support of the urethra. In this article, the history of the use of slings for the surgical treatment of female urinary stress incontinence is reviewed, and the usual surgical routes for retropuble (transmagning) or transoburator tape passage are described. The latest inno-vation in sling therapy is the use of ministings, which are short tape mesh implants inserted through a single vagain latiosion; these slings may be placed in an office setting. Outcomes data are either lacking or suggest a considerable decrement of effectiveness of unstabilized ministings over full-length slings; however, the short-term efficacy of a stabilized, adjustable ministing is 97%. These results suggest benchmark effectiveness associated with full-length slings in a less invasive device that also has the capability of short-term adjustability. [Rev Obstet Gynecol. 2009;2(1):46–50]

© 2009 MedReviews®, LLC

Key words: Minisling • Urinary stress incontinence • Retropubic sling • Transvaginal tape • Subfascial or transobturator sling • Suburethral sling

Using rodynamic stress incontinence (USI) is the leakage of urine through an in-competent urethra in the absence of a derivator contraction.<sup>1</sup> The pures symptom of USI is utrainaly obsupon raising inter-abdominal pressure, as in coughing. Fen percent of middle-aged women report weekly incontinence,<sup>2</sup> al-hough only 1 in 1000 women undergo curative surgery. USI may be complicated by intrinsic sphincter deficiency (ISD), derivator overactivity or voiding disorder, on pervice organ projector. USI as amendiabe to physical theory and to surgery. Durg theory to remedy a surger, using the organized strength of the project of the strength of the system of the strength of the system of the strength of the strength of the system of the strength of the system of the system of the system of the strength of the system of the s

46 VOL 2 NO. 1 2009 REVIEWS IN OBSTETRICS & GYNECOLOGY

# OVANCES IN AESTHETIC JLVOVAGINAL SURGERY

Dr Red M. Alinsod, specialist in aesthetic vaginal surgery, discusses his experience of using Ellman's Pellevé system, and the increased precision it offers for vulvovaginal surgery



"Ellman's Pellevé Generator is the device of choice for any labial and revision surgery"

62 October 2013 prime-journal.com

<text><text><text><text><text><text><text><text><text><text>

Lasers in Surgery and Medicine

### Safety and Efficacy of a Non-Invasive High-Intensity Focused Electromagnetic Field (HIFEM) Device for **Treatment of Urinary Incontinence and Enhancement** of Quality of Life

Julene B. Samuels, sm,<sup>1+</sup> Andrea Pezzella, sm,<sup>2</sup> Joseph Berenholz, sm,<sup>3</sup> and Red Alinsod, sm<sup>4</sup> <sup>1</sup>PACS, Louisville, MO9419 Norion Commons Bird Suite 101, River Birdf, KY, 40059 <sup>1</sup>Southen Urgenexiogic: Center for Female Febru Rediction and Reconstructive Surgery, 115 Midlands Ct, West Columbia, SC, 20169 <sup>1</sup>Ph Leaser Voginal Rejuvenation Institute of Michigan, 30445 Northwestern Huy Suite 100, Farmington Hills, MI,

48334 <sup>4</sup>South Coast Urogynecology, 31852 Coast Hwy #203, Laguna Beach, CA, 92651

Background and Objectives: Urinary inontinence is a medium correlation (r = 0.53, P < 0.001) was found between common and distressing condition which interfores with the ICQ-SF score improvement and the robuction in pade everydry life. The lating frequently experience discontent usage, A subtantial decremase in the frequency of urinary incontinence mechanism is primarily and theory of the therapy such as increased sexual (PFM) may treatment methods focused on strengthening discrete patients expected additional (PFM) may treatment methods focused on strengthening discrete patients (additional discrete patient) of the PFM have been introduced in the past. The aim of this total of 75 works and electroniancy incorporation with emphasis on effect and better urination control. Conclusions: This study demonstrated that HIFEM for range of patients suffering from urinary incontinence. The aim of this Study Despired additional to (LQ, SF) and the stress study as a stress of the stress study and the stress the stress study as a stress study and the stress the stress study as a stress study stress and models of the stress state stress stress and the stress stress stress stress stress and the stress st

intensity focused electromagnetic technology (HIP201) for treatment of urinary inconfinence with emphasis on effects on propertive patients' quality of life. Study Design/Materials and Methods: The study followed an institutional review board approved protocol. A total of 75 wereas (55.45 ± 12.28 deliv-eries) who showed symptoms of stress, urge, or mixed urinary incontinence were enrolled. They received six HIPE01 treatments (2 per week) in duration of 28 minutes. Outcomes were evaluated after the sixth treatment and at the 3-month follow-up. The primary outcome was to assess damages in urinary incontinence by the International Consultation on Incontinence Questionnaire-Short Form (CRQ-SF) and changes in the number of absorbent pade used per day. The stoadard subjective evaluation of Line statistical analysis was conducted by quality of life. The statistical analysis was conducted by quality of life. The statistical analysis was conducted by 42.45 at the fields way 10.49 km 10.40 km 10.

Key words: HIFEM; pelvic floor muscles; urinary incontinence

## INTRODUCTION

Urinary incontinence (UI), defined as involuntary loss of urine (1), is a chronic condition which may negatively affect quality of life (QOL). On the basis of its etiology and

This is an open necess article under the terms of the Creative Common. A third help. New Construction in January Marking, and the use, distribution and reproductions in any medium, provided the original work is property cited and is not used for commercial and submitted these CAMEs Form for Disclosure of Potential Conflicts of Interest and none were reported. "Correspondence to Julees B. Samuels, MD, PACS Blaff, XY 40005. Benait Johannel-and 10, River Blaff, XY 40005. Benait Johannel-and Hegmail.com Accepted 6 May 2019 Published online in Wiley Online Library to DOI 10.1002/lsm.23106

© 2019 The Authors. Lasers in Surgery and Medicine Published by Wiley Periodicals, Inc.

6