



Lymphedema Prevention: from Genetics to Surgery
Searching for Better Lymphedema Patients' Quality of Life



Genoa (Italy)
September 25-27, 2014

SCIENTIFIC PROGRAM

SEPTEMBER 25, 2014 – ATLANTIC ROOM

- 9.30 am ESL Executive Committee Meeting
- 12.00 pm ISL Executive Committee Meeting
- 2.00 pm-3.45 pm **SESSION I – TRANSLATIONAL LYMPHOLOGY AND
EPIDEMIOLOGIC STUDIES**

Chairmen: M. Witte (*Tucson, AZ, USA*), C. Moffat (*London, UK*)

Co-Chairmen: M. Ohkuma (*Saitama, Japan*), O. Eliska (*Prague, Czech Republic*)

Lecture - Genetics, GWAS, Surgical Genomics and Translation: Challenges and Promise for Personalized Lymphology.

M. Witte (Tucson, AZ, USA)

Lecture - Genetic Aspects in Primary Lymphoedema.

S. Michelini (Rome, Italy)

Lecture - Next generation sequencing and lymphedema genetics.

R. Erickson (Tucson, AZ, USA)

Lecture - New Mechanisms of Lymphangiogenesis and Lymphedema.

M. Jeltsch, K. Alitalo (Helsinki, Finland)

Lecture - Epidemiology of Lymphoedema: General Remarks.

K. Benda (Czech Republic)

Lecture - The Development of an International Epidemiology Study LIMPRINT.

C. Moffat (London, UK)

Discussion

- 3.45 pm-6.15 pm **SESSION II – ANATOMIC RESEARCHES, PHYSIOLOGIC ASPECTS
AND PATHOPHYSIOLOGICAL MECHANISMS**

Chairmen: E. Foeldi (*Hinterzarten, Germany*), E. Fulcheri (*Genoa, Italy*)

Co-Chairmen: K. Benda (*Czech Republic*), S. Michelini (*Rome, Italy*)



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Lecture - Technological Instrumentation And Absorbing Lymphatic Vessel: History.

G. Azzali (Parma, Italy)

Lecture - Lymphatic Drainage of the Lumbar Skin: the Perforating Vessels and the Relation with the Iliac Lymph Nodes.

M. Amore (Buenos Aires, Argentina)

Lecture - Remodeling of Cardiac Lymphatic Vessels caused by Lymphostasis.

E. Okada (Toyama, Japan)

Lecture - Histopathology of Lymphoedema: History and Future of the Immuno-histochemical Approach.

E. Fulcheri (Genoa, Italy)

Lecture - Physiology of Lymphatic System, Some Remarks.

O. Eliska (Prague, Czech Republic)

Lecture - The Skin in Lymphatic Diseases from Pathophysiology to Diseases.

M. Ohkuma (Saitama, Japan)

Lecture - Experimental Studies in Pathophysiology of Lymphatic System.

A. Szuba (Wroclaw, Poland)

Lecture - Pathophysiological Bases of Lymphatic Disorders.

E. Foeldi (Hinterzarten, Germany)

Lecture - Pathophysiological Mechanisms of various types of Lymphoedema.

G. Thibaut (Nancy, France)

Discussion

6.15 pm - 7.30 pm OPENING CEREMONY

Welcome Lecture

Mentorship and Scholarship in Lymphatic Surgery.

C. Campisi, MD, PhD, FACS – Honorary President of the Congress

8.00 pm

WELCOME COCKTAIL AT AQUARIUM OF GENOA



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SEPTEMBER 26, 2014 – ATLANTIC ROOM

8.00 am - 10.15 am **SESSION III - PRIMARY AND SECONDARY PREVENTION:
DIAGNOSTIC AND OPERATIVE ISSUES**

Chairmen: G. Thibaut (Nancy, France), A. Pissas (Montpellier, France)

Co-Chairmen: E. Okada (Toyama, Japan), A. Szuba (Wroclaw, Poland)

Lecture - What do we mean when we speak about Primary and Secondary Lymphoedema Prevention?

A. Pissas (Montpellier, France)

Lecture - Present Role of Lymphatic Imaging in the Prevention of Lymphoedemas and future Perspectives.

P. Bourgeois (Brussels, Belgium)

Lympho-Fluoroscopy as a helpful Tool in early Detection of subclinical Cancer Related Secondary Lymphoedema.

J.P. Belgrado, L. Vandermeeren, J.B. Valsamis, J.J. Moraine, R. Deraemaeker (Brussels, Belgium)

Tissue Dielectric Constant (TDC) Measurement, Bioimpedance Spectroscopy and Arm Volume Measurement in Early Detection of BCRL.

T. Lahtinen, K. Johansson (Kuopio, Finland)

Lecture - Prevention and Early Management of Breast Cancer Related Lymphoedema.

K. Johansson (Lund, Sweden)

Lecture - LYMPHA Experience at Columbia University Medical Center.

S. Feldman (New York, USA)

Lecture - LYMPHA Technique: no Reasons not to Use It!

F. Boccardo (Genoa, Italy)

Lecture - Lymphoedema Prevention and Treatment: State-of-the-Art from the ISL Consensus Document.

M. Bernas (Tucson, Arizona, USA)

Discussion



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SEPTEMBER 26, 2014 – ATLANTIC ROOM

10.15 am-10.45 am COFFEE BREAK

10.45 am-1.00 pm SESSION IV – PREVENTIVE AND THERAPEUTIC MEANING OF NON-OPERATIVE PROCEDURES

Chairmen: A. Leduc (*Brussels, Belgium*), E. Iker (*Santa Monica, California, USA*)

Co-Chairmen: I. Forner Cordero (*Valencia, Spain*), K. Johansson (*Lund, Sweden*)

Lecture - State of the Art in Physical Treatment of Lymphoedema.

A. Leduc (Brussels, Belgium)

Lecture - The Role of Compression Garments in the Management of Lymphoedema.

I. Forner Cordero (Valencia, Spain)

Lecture - How to objectively Assess Results of Lymphoedema Treatment.

E. Iker, E. Glass (Santa Monica, California, USA)

Manual Lymphatic Drainage: from Imaging to Daily Practice.

J.P. Belgrado, L. Vandermeeren, J.B. Valsamis, J.J. Moraine, R. Deraemaeker (Brussels, Belgium)

The Effects of three-years Pneumatic Compression of Postinflammatory and Post Traumatic Edema of Lower Limbs.

W.L. Olszewski (Warsaw, Poland)

Lymphology in North-East of Italy

A. Busetto (Venezia - Mestre, Italy)

Lecture - Long Term Follow Up in the Physical Treatment of Post-Mastectomy Lymphoedema.

M. Andrade (São Paulo, Brazil)

Lecture - Infections and Lymphoedema: the Role of Complete Decongestive Treatment.

E. Dimakakos (Athens, Greece)

Lecture - Drugs in Lymphedema Treatment.

A. Macciò (Savona, Italy)

Discussion



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1.00 pm *ISL Executive Committee Meeting*

1.00 pm-2.00 pm LUNCH

2.00 pm-5.00 pm **SESSION V – WHICH IS THE PRESENT ROLE OF DIFFERENT TYPES OF SURGERY IN EARLY AND LATE STAGE LYMPHOEDEMAS?**

Chairmen: R. Baumeister (*Munich, Germany*), C. Campisi (*Genoa, Italy*), W.L. Olszewski (*Warsaw, Poland*)

Co-Chairmen: H. Brorson (*Malmö, Sweden*), G. Manokaran (*Chennai, India*), M. Wald (*Prague, Czech Republic*)

Lecture - Pathophysiological Bases of Lymphatic Microsurgery: how to Reach the Best Results.
W.L. Olszewski (Warsaw, Poland)

Lecture - Multiple Lymphatic-Venous Anastomoses (MLVA): A Long Life Experience.
C. Campisi (Genoa, Italy)

Lecture - Role of Lymphovascular Grafting in Lymphoedema Treatment.
R. Baumeister (Munich, Germany)

Lecture - Combined Technique for Breast Reconstruction and Lymphatic Microsurgery: Indications and Results.
J. Masià (Barcelona, Spain)

Lecture - Lymphatic Supermicrosurgery.
T. Yamamoto (Tokyo, Japan)

A Living Experimental Model for Research and Training in Lymphatic Microsurgery.
C.C. Campisi (Genoa, Italy), M. Ionac (Timisoara, Romania)

Lymphaticovenular Anastomosis Reduces the Risk of Cellulitis in Lymphoedema Patients.
M. Mihara, H. Hara, H. Tsubaki, M. Kawahara, N. Murai, D. Furniss, P. Gennaro, G. Gabriele (Japan / UK/ Italy)

LASER Technology for Treatment of Lymphatic Diseases in Dermatology.
Caterina Campisi, C.C. Campisi, A. Parodi (Genoa, Italy)



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Chyloperitoneum: a New Clinical Entity for “Lymphatic Surgeons”.

S. Dessalvi, L. Molinari, S. Spinaci, C.C. Campisi, E. Nacchiero, M. Cafferata, C. Braggio, C. Cornacchia, A. Ferrari, F. Boccardo, C. Campisi (Genoa, Italy)

Fibro-Lipo-Lympho-Aspiration (FLLA): a Lymph Vessel Sparing Procedure (LVSP).

C.C. Campisi, C. Campisi (Genoa, Italy)

Lecture - Present Role of Liposuction in the Treatment of Lymphoedema.

H. Brorson (Malmo, Sweden)

Lecture - Combined Treatment of Filarial Lymphoedema.

G. Manokaran (Chennai, India)

Lecture - Combined Surgical Approach in Genital Lymphoedema.

M. Wald (Prague, Czech Republic)

Discussion

5.00 pm-5.30 pm COFFEE BREAK

5.30 pm-7.00 pm **SESSION VI – LYMPHOEDEMA CLINICAL CORRELATIONS, RISK FACTORS, AND QUALITY OF LIFE**

Chairmen: M. Witte (Tucson, AZ, USA), M. Andrade (São Paulo, Brazil), S. De Franciscis (Catanzaro, Italy)

Co-Chairmen: J.P. Belgrado (Brussels, Belgium), M. Bernas (Tucson, Arizona, USA), M. Amore (Buenos Aires, Argentina)

Lecture –The Vesuvius and the Veno-Lymphatic Eruptions: the Magma Correlations.

S. De Franciscis (Catanzaro, Italy)

Prevention of Lymphatic Injuries in Vascular Surgery.

C.C. Campisi, E. Nacchiero, L. Molinari, S. Spinaci, S. Dessalvi, F. Boccardo, C. Campisi (Genoa, Italy)

Preliminary Study for a Disability Scale in Lipedema, Based on ICF Core Sets.

M. Cardone, F. Cappellino, A. Fiorentino, V. Sainato, A. Failla, G. Moneta, S. Michelini (Rome, Italy)

Lipedema: Lymphoscintigraphy and Clinical Stages.

M. Cestari (Terni, Italy)



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Anatomical Deformation of Tissue in Lymphoedema - Fluid Channel Formation, Effect of Intermittent Pneumatic Compression.

M. Zaleska, W.L. Olszewski, M. Cakala, P. Jain (Warsaw, Poland)

Primary and Secondary Prevention of Lymphatic Complications Following Melanoma Surgical Treatment.

C.C. Campisi, E. Nacchiero, M. Cafferata, L. Molinari, S. Spinaci, S. Dessalvi, Caterina Campisi, F. Boccardo, C. Campisi (Genoa, Italy)

A New Pathophysiological Approach of Inflammatory Bowel Disease: from Gut to Lymph, Lymphatics and Lymphnodes.

S. Spinaci, L. Molinari, S. Dessalvi, C. Braggio, C. Cornacchia, A. Ferrari, F. Boccardo, C. Campisi (Genoa, Italy)

Chylothorax: an Interdisciplinary Approach.

L. Molinari, G. Leoncini, C.C. Campisi, S. Spinaci, S. Dessalvi, E. Nacchiero, M. Cafferata, C. Braggio, A. Ferrari, C. Cornacchia, F. Boccardo, C. Campisi (Genoa, Italy)

Discussion

7.00 pm

ESL EXECUTIVE COMMITTEE MEETING

8.30 pm

GALA DINNER AT MERIDIANA PALACE



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SEPTEMBER 26, 2014 – IONIO ROOM

9.30 am - 12.00 pm **SATELLITE WORKSHOP - CIZETA MEDICALI**

Linforoll: a New Medical Device for an EBM Lymphatic Drainage.

S. Michelini, W. Olszewski, I. Forner Cordero, E. Dimakakos, A. Pissas, R. Caldirola (Italy, Spain, Greece, France)

1.00 pm-2.00 pm **LUNCH**

2.00 pm - 5.00 pm **SATELLITE WORKSHOP – JUZO**

Treatment with Compression Garments for Special Lymphological Issues / Breast Lymphedema and Genital Edema.

C. Hemmann-Moll (Bad Rappenau, Germany)

5.00 pm-5.15 pm **COFFEE BREAK**

5.15 pm-7.45 pm **SESSION VII – NON-OPERATIVE AND OPERATIVE APPROACHES FOR PREVENTION AND TREATMENT OF LYMPHATIC DISEASES**

Chairmen: *I. Forner Cordero (Valencia, Spain), E. Dimakakos (Athens, Greece)*

Co-Chairmen: *O. Leduc (Brussels, Belgium), A. Macciò (Savona, Italy)*

Anatomical Effects of Axillary Nodes Dissection on Rat's Lymphatic System Model: ICG Mapping and Dissection.

F. Pastouret, L. Cardozo, J. Lamote, P. Lievens (Brussels, Belgium)

Pathophysiological Arm Lymphoedema Evaluation using Indocyanine Green Lymphography.

A. Hayashi, N. Hayashi, T. Yamamoto (Tokyo, Japan)

Predictive Factors of Response to Decongestive Therapy in Patients with Breast Cancer Related Lymphoedema.

D. Bojinović-Rodić, D. Živanić, J. Nikolić-Pucar (Banja Luka, Bosnia and Hercegovina)

Indocyanine Green Lymphography: Comparison between two different Devices.

G. Giacalone, J. Opheide (Hasselt, Belgium)



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Acoustic Radiation Force Impulse (ARFI). Quantification for Assessment of Tissue Alterations in Upper Arm Lymphoedema.

A. Onorato, F. Bonutti (Udine, Italy)

High Levels of Skin Intercellular Fluid Cytokines and Chemokines may be Responsible for Hyperkeratosis and Fibrosis in Lymphoedema.

M. Zaleska, W. Olszewski (Warsaw, Poland)

Acute Lymphangitis Score for Early Diagnoses and Treatment.

A. Macciò (Savona, Italy)

Physical Treatment in Lymphoedema Patients and Cardiac Implications: Preliminary Study.

M. Cardone, A. Fiorentino, A. Failla, M. Giovanni (Rome, Italy)

Running with Leg Lymphoedema: which Optimal Compression Garments.

A. Hamadé, M.H. Diancourt, W. Younes, F. Moudni, P. Michel, G. Obringer, M. Lehn-Hogg, J.C. Stoessel, H. Metzger (Mulhouse, France)

Lympho -Taping to reduce Hematoma after Liposuction: A 'Double Blind' Clinical Randomized Trial.

L. Vandermeeren, J.P. Belgrado, A. Lenne, J.B. Valsamis, J.J. Moraine, R. Deraemaeker (Brussels, Belgium)

Influence of the Autonomic Nervous System/Vagal Nerve Activity on Secondary Breast Cancer related Lymphoedema and Health Related Quality of Life.

A. Nele, Y. Gidron, E. Van Haver, J. Lamote, J. De Greve, J. Nijs, P. Lievens (Brussels, Belgium)

What Influence have Oedema on Quality of Life at Patients with Secondary Lymphoedema?

T. Planinsek Rucigaj (Ljubljana, Slovenia)

Disability Evaluation and Treatment of Patients Suffering from Lymphedema.

M. Ricci (Ancona, Italy)

Discussion



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8.00 am-10.20 am **SESSION VIII – MODERN DIAGNOSTIC INVESTIGATIONS AND CLINICAL IMPLICATIONS**

Chairmen: P. Bourgeois (*Brussels, Belgium*), S. Feldman (*New York, USA*), A.P. Pecking (*Paris, France*)

Co-Chairmen: M. Cestari (*Terni, Italy*), J.P. Brun (*Paris, France*), O. Leduc (*Brussels, Belgium*)

Lecture - Lymphoscintigraphy In The Evaluation Of Lymphedema Following Axillary Lymph Node Dissection For Breast Cancer.

G. Villa (Genoa, Italy)

Lecture - Fusion Imaging of the Lymphatic System: Therapeutic Implications.

A.P. Pecking, R.V. Cluzan (Paris, France)

Clinical Findings of Lymphoedema and Lymphoscintigraphics : Our Experience.

S. Michelini, M. Cardone, A. Fiorentino, V. Sainato, G. Ventroni, A. Semprebene, L. Mango (Rome, Italy)

The Role of Stress-Lymphoscintigraphy in predicting Lymphoedema and planning the Treatment Program.

G. Tartaglione, R. Bartoletti, M. Pagan, G. Paone, V. Bernabucci (Rome, Italy)

Where are the Functional Lymphatic Vessels in the Chronic Lymphoedema of the Lower Extremities? - A Study by the SPECT-CT Lymphoscintigraphy.

S. Matsubara, J. Maegawa, T. Mikami, K. Hirotsomi, S. Kitayama, H. Tomoeda, Y. Yabuki, S. Kagimoto, E. Adachi (Yokohama, Japan)

Lympho-Fluoroscopy in Cancer-Related Secondary Lymph Edema: from Imaging to daily Practice.

J.P. Belgrado, L. Vandermeeren, J.B. Valsamis, J.J. Moraine, R. Deraemaeker (Brussels, Belgium)

Lecture - MR Imaging: how to make Visible the Invisible.

N. Liu (Shanghai, China)

Lecture - Role of MRI in Physical Treatment of Lymphoedema.

J.P. Brun, C. Becker (Paris, France)

Lecture - Identification of the Axillary Web Syndrome (AWS) by the Correlations between Clinical Signs, MRI and Echographic Imaging.

O. Leduc (Brussels, Belgium)



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Lecture - Role of Indocyanine Green Lymphography in Physical Treatment of Lymphoedema.
J.P. Belgrado (Brussels, Belgium)

Discussion

10.20 am-10.50 pm COFFEE BREAK

10.50 am-1.25 pm **SESSION IX – SPECIAL ASSESSMENT, CLINICAL ASPECTS, AND THERAPEUTIC OPTIONS BEYOND ACQUIRED FORMS: AN OVERVIEW ALSO ON PRIMARY LYMPHOEDEMAS AND OTHER ASSOCIATED LYMPHATIC MALFORMATIONS**

Chairmen: *N. Liu (Shanghai, China), C. Papendieck (Buenos Aires, Argentina)*
Co-Chairmen: *C. Bellini (Genoa, Italy), J. Masià (Barcelona, Spain)*

Lecture - 2014 Challenges In Pediatric Lymphology
C. Papendieck (Buenos Aires, Argentina)

Lecture - Brain Hyper-Lymphatic Highway Network.
C. Bellini (Genoa, Italy)

Lecture - Growth, Overgrowth and Asymmetric Growth.
C. Papendieck (Buenos Aires, Argentina)

Our Diagnostic and Therapeutic Approaches to Primary Lymphoedema.
H. Hara, M. Mihara, I. Koshima (Tokyo, Japan)

Dynamic Indocyanine Green Lymphography for Comprehensive Assessment for Lymphoedema.
N. Yamamoto, T. Yamamoto (Tokyo, Japan)

Physical Treatment of Lymphoedema and Linforoll: a New Mechanical Method Operator Dependent in Line with EBM.
S. Michelini, W.L. Olszewski, R. Caldirola, A. Pissas, E. Dimakakos, I. Forner-Cordero, N.Liu, L. Michelotti, M. Ricci, M. Cestari, M. Cardone (Italy, Poland, France, Greece, Spain, China Rep.)

The Hydromechanics of Edema Fluid during Linforoll Device application in Lymphoedema Patients.
W.L. Olszewski, M. Zaleska, S. Michelini (Poland/ Italy)



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Linforoll Protocol: Preliminary Results concerning 12 Patients treated in the Unit of Treatment of Lymphoedema.

A. Pissas (Montpellier, France)

Surgery and Laser Bound Together in Treatment of Vascular and Lymphatic Anomalies.

E. Bernè, K. Arcieri, F. Balconi (Milan, Italy)

How to Treat Edema of Lower Limbs after Trauma, Thrombosis or Inflammation?

W.L. Olszewski, M. Zaleska (Warsaw, Poland)

Lymphatic Surgery for Generalised Lymphatic Dysplasia Patients.

M. Mihara, H. Hara, J. Shibasaki (Saitama, Japan)

Lymphatico-Venous Side-to-End Anastomosis in Peripheral Lymphoedema Patients Changes Superficial Lymph Flow in ICG Fluorescence Lymphangiography.

J. Maegawa, S. Matsbara, T. Mikami, K. Hirotsu, S. Kitayama (Yokohama, Japan)

Acrobatic Lymphatic Supermicrosurgery.

A. Hayashi, N. Hayashi, T. Yamamoto (Tokyo, Japan)

Discussion

1.30 pm – 2.00 pm CLOSING REMARKS

2.00 pm ESL GENERAL ASSEMBLY (Pocket Lunch)



40th ESL Congress – European Society of Lymphology

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SEPTEMBER 27, 2014 – IONIO ROOM

10.50 am - 12.50 pm SATELLITE WORKSHOP CTG

Compression Therapy in Lymphology.

Chairmen: *A. Macciò (Savona, Italy), E. Colombo (Como, Italy)*

Dogmas and Evidences in Compression Therapy.

M. Izzo (Naples, Italy)

Normatives and Quality Checks To Certify Effectiveness of the Therapy with Elastic Medical Stockings.

N. Cartaro (Switzerland)

Materials and Characteristics in Medical Compression Therapy

M. Buccalossi (Siena, Italy)

Role of Lymphatic Circulation in Venous Diseases: CEAP 3.

V. Gasbarro (Ferrara, Italy)

Medical Stocking: Standard versus Custom Made.

G. Moneta (Roma, Italy)

Questions & Discussions

E. Colombo (Como, Italy)



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SEPTEMBER 26, 2014 – POSTER Area

11.00 am - 1.00 pm POSTER SESSION

Chairman: P. Bourgeois (Brussels, Belgium)

Co-Chairman: T. Yamamoto (Tokyo, Japan)

Comparison of Manual Lymphatic Drainage and Intermittent Pneumatic Compression in the Treatment of Breast Cancer Related Lymphoedema.

Y. Bakar (Bolu, Turkey)

Lymphoedema and Lipedema: Usefulness of Shock Waves.

M. Bordoni, M. Cestari, E. Conti, L. Famoso (Terni, Italy)

Icg Fluorescence Lymphography Reveals Real-Time Lymph-Flow in the Superficial Lymph-Vessels of the Leg by Intermittent Pneumatic Compression in Health

J. Maegawa, S. Matsubara, T. Mikami, K. Hirotsuki, S. Kitayama (Yokohama, Japan)

Lymphoedema Index for Body-Type corrected Lymphoedematous Volume Evaluation.

N. Hayashi, A. Hayashi, T. Yamamoto (Tokyo, Japan)

Comparison of Indocyanine Green Lymphographic findings with the Conditions of collecting Lymphatic Vessels in Patients with Lymphoedema.

H. Hara, M. Mihara, I. Koshima (Tokyo, Japan)

Genital Lymphoedema Severity Staging System using Indocyanine Green Lymphography.

N. Hayashi, A. Hayashi, T. Yamamoto (Tokyo, Japan)

Indocyanine Green Lymphography for Obstructive Lymphoedema.

N. Yamamoto, T. Yamamoto (Tokyo, Japan)

Surgical Treatment of Lymphoedema of the Scrotum: Modified Surgical Technique.

A. Atta, E. Eaber, M. Basiouny, S. Mostafa Abass (Cairo, Egypt)

The true Pathophysiology of Secondary Lymphoedema based on histological Analysis of Collecting Lymphatic Vessels.

M. Mihara, H. Hara, N. Murai, M. Kawahara (Saitama, Japan)

The Lymphoedema Quality of Life Inventory (LyQLI): test of Validity and Reliability.

K. Johansson, P. Klernäs, A. Johnsson, V. Horstmann, L. Kristjanson (Lund, Sweden)



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Influence of Microsurgical Lymph Node Transplant and/or Lymph-Venous Anastomoses on Secondary Breast Cancer related Lymphoedema and Quality of Life.

A. Nele, M. Hamdi, A. Zeltzer, B. De Brucker, L. Leysen, J. Lamote, P. Lievens (Brussels, Belgium)

Anxiety and Depression - complicating Factors of Lymphoedema Treatment.

M. Bendova, K. Benda, K. Skřivanová, L. Minář (Czech Republic)

The Effect of Education on Physiotherapy Students Knowledge of Lymphoedema Detection and Prevention.

Y. Bakar, Ö. Özlem Cinar, Elif Zorgör (Bolu, Turkey)

Evaluation of Time-Distance Parameter changes in Patient with Primary Lymphoedema: a Case Report.

G. Baskent, I. Yildiz, A. Kilic, E. Unuva, F. Oguz, E. Akalan, Y. Temelli, S. Kuchimov, A. Baskent (Istanbul, Turkey)

Effectiveness of the “Punch Tape” Application in Seroma: A Case of Seroma after Breast Reconstruction Surgery.

J.D.P. Coutinho (Valencia, Spain)

Effect of combined Therapy on Colon Cancer-Related Lymphoedema: Case Report.

Ö. Cinar Ozdemir, Y. Bakar (Bolu, Turkey)

Activators of Lymphatic Drainage in Overcoming Insulin Resistance

I. Kurnikova, (Moscow, Russia), S. Zykina (Izhevsk, Russia)

Features Diagnosis And Treatment Of Patients Tactics With Concomitant Lymph, Venous And Musculoskeletal Lower Limb

S. Katorkin, I. Losev, J. Syzonenko (Samara, Russia)

Effectiveness of the Application of Neuromuscular Taping (“Punch Tape”) in Post Mastectomy Lymphedema: A Case Study Using Ultra Sound to Measure Changes in Edema Volume and Skin Thickness.

C. Villarón Casales, J. D. Pinto Coutinho (Valencia, Spain)