

XXXIII Congress of European Group of Lymphology

under the auspices of Pavel Bém,
Mayor of the City of Prague
and
Tomáš Zima,
Dean of the 1st Faculty of Medicine, Charles University in Prague

PROGRAMME

Hotel Olympik Artemis
May 12-13, 2007

www.gel-congress2007.org



Dear Lymphologists,

In Prague the first European Lymphology Congress (G.E.L. Congress) was organized in September 18 - 19, 1992, three years after the revolution in 1989. The revolutions that occurred in Central and Eastern Europe at the end of 1989 began a new era in the history of Europe. Political barriers were broken down and the free movement of people and ideas became at last possible. This process of liberation and the exchange of ideas can be observed in the medical field too. Now lymphologists from all of Europe can meet together and discuss the problems concerning lymphology research and the diagnosis and treatment of lymphedema personally. Nearly every Congress brings some new ideas and practice for the treatment of lymphedema patients. We know that the presence of lymphedema is an illness that in most cases should be cured for the rest of the patient's life. Therefore every improvement of the treatment that is presented at the Lymphology session helps to diminish lymphedema complications. This Congress is returning to Prague after 15 years, but for the first time the Congress is organized together with the Czech Lymphology Society. I would like to stress that among all Central and Eastern European countries only the Czech Republic (Prague) has organized the European Lymphology Congresses. We are honoured with this fact.

I sincerely hope that you will enjoy the Congress, be inspired by new scientific ideas, make new friends and still find time to become acquainted with Prague's historical and cultural monuments. Welcome to Prague and enjoy your stay in Czech Republic.

Yours Kindly,

Oldrich Eliska
President of the Congress

GENERAL INFORMATION

DATE / CONGRESS VENUE

May 12 - 13, 2007
Hotel Olympik Artemis
U Sluncové 14, Prague 8

www.olympik.cz

PRESIDENT OF THE CONGRESS

Prof. Oldřich Eliška

President of the Czech Society of Lymphology of the Czech Medical Association J. E. Purkyně
Member of G.E.L. Executive Committee
oldrich.eliska@LF1.cuni.cz

LOCAL ORGANIZING COMMITTEE

K. Benda V. Pavlasová
H. Houdová M. Wald
Z. Navrátilová M. Wittnerová

G.E.L. EXECUTIVE COMMITTEE

President: S. Michelini (I)

Vice-Presidents: N.R. Grande (Port), C. Papendieck (Arg)

Secretary: O. Leduc (B)

Treasurer: J.P. Belgrado (B)

R.G.H. Baumeister (D), F. Boccardo (I), P. Bourgeois (B), J.P. Brun (F), C. Campisi (I), O. Eliška (CZ), E. Földi (D), G. Hidden (F), A. Leduc (B), A. Pissas (F), M. Riquet (F), G. Thibaut (F)

SECRETARIAT OF THE CONGRESS

AMCA, spol. s r.o.
Academic and Medical Conference Agency
Michna Palace, Újezd 450/40
118 01 Prague 1

tel.:+ 420 257 007 629, 731 496 060
fax: +420 257 007 622
e-mail: amca@amca.cz

REGISTRATION HOURS

Saturday, May 12 7.30 – 17.00
Sunday, May 13 8.00 – 16.00

EXHIBITION

The exhibition of participating companies will be located next to the meeting halls.

LANGUAGES

The official languages of the congress will be English and Czech.
Simultaneous translation will be provided.

SOCIAL EVENT

Saturday, May 12, 20.00
Residence of the Mayor of the City of Prague
Mariánské nám. 1, Prague 1

Concert and buffet dinner

BOARD

Coffee and tea will be served during the breaks. Lunches will be available in the restaurant at the meeting venue.

PROGRAMME AT A GLANCE

HALL I	HALL II
Saturday, May 12	
7.30 Registration	
8.30 Opening Ceremony	
8.50 Session I Anatomy, physiology and pathophysiology of the lymphatics	9.00 Workshop I – Taping Workshop II - Management of lower extremity lymphedema, with and without genital involvement
10.30 Session II Genetics and development of the lymphatic system Lymphangiogenesis and angiodysplasias Lymphatics and lymph node imaging (nuclear medicine, radiology, sonography)	10.30 Workshop III - Wobenzym in the therapy of lymphedema and woundhealing
	11.30 Workshop IV - Product overview and taking measurements for hand and arm garments Workshop V - Compressive drainage instruments
13.30 Session III Surgery treatment of lymphedema	13.30 Workshop VI - A standard application of multi layer lymphoedema bandaging within the UK Workshop VII - Proper physical exercises and occupational therapy in lymphedema treatment
14.50 Posters Presentation	
15.30 Session IV Non-surgery treatment of lymphedema I	15.30 Workshop VIII - Manual lymphatic drainage - head and throat
20.00 Social Event	

CRYSTALIS WATER-COOLERS



PROGRAMME AT A GLANCE

HALL I	HALL II
Sunday, May 13	
8.00 Registration	
9.00 Session V Non-surgery treatment of lymphedema II	9.00 Congress of Czech Society of Lymphology - LYMPHO I
	10.10 Workshop - Manual lymphodrainage of the lower extremity
11.00 Session VI Non-surgery treatment of lymphedema III Epidemiology, classification and staging of lymphedema, quality of life, social issues	11.00 Congress of czech society of lymphology - LYMPHO II
	12.00 Czech Society of Lymphology General Assembly
13.45 G.E.L. General Assembly	
14.30 Session VII Phlebolympheemas Lymphatics and woundcare Varia	
16.00 Closing remarks	

MAIN PARTNER

Wobenzym®

PARTNERS



EXHIBITORS

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ING. KAREL KOPSA - LYMFOVEN
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MEDIA PARTNERS

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MLADÁ FRONTA
ZDRAVOTNICKÉ NOVINY, POSTGRADUÁLNÍ MEDICÍNA, SESTRA

PROGRAMME

SATURDAY, MAY 12

HALL I

8.30 - 8.50 Opening Ceremony

Oldřich Eliška

President of the XXXIII Congress of G.E.L.

Tomáš Zima

Dean of the 1st Faculty of Medicine, Charles University in Prague

Sandro Michelini

President of G.E.L.

8.50 – 9.55 Session I

Chairmen: P. Lievens, M. Ohkuma

Anatomy, physiology and pathophysiology of the lymphatics

1. Superficial lymphatics of the mammary and parasternal region

O. Eliška, D. Pavlišta (Prague, Czech Republic)

2. Study on lymphatic invasion by cancer cells in cases of gastric adenocarcinoma

E. Okada (Takaoka, Japan)

3. Inflammation observed in lymphedema free from clinically recognized inflammatory complications

M. Ohkuma (Osaka, Japan)

4. Study of the influence of radiotherapy on the lymphatic system and the development of lymphedema

E. Swinnen, P. Lievens, V. Vinh-Hung, J. Lamote (Brussels, Belgium)

5. Sonorous waves effect on oedema induced by eccentric contraction in rat skeletal muscle

M. Ricci (Jesi, Italy)

9.55 – 10.30 Coffee Break

10.30 – 12.00 Session II

Chairmen: P. Bourgeois, K. Buttler, C.M. Papendieck

Genetics and development of the lymphatic system

6. Dual origin of lymphatic vessels in murine and avian embryos

K. Buttler, I. Schulte, J. Männer, J. Wilting (Goettingen, Germany)

7. Vascular hypoplastic congenital lymphedema, consequence of a malformed aspect of the connective tissue - theoretical premises for self stem cells (SSC) therapy

I.O. Rada, F.C. Rada, Auruta Darlea, R. Palicica (Timisoara, Romania)

Lymphangiogenesis and angiodysplasias

8. Asymmetric growth of corporeal segments in angiodysplastic syndromes in pediatrics

C.M. Papendieck (Buenos Aires, Argentina)

9. Congenital lymphangioma and lymphoedema

V. Flášarová, V. Slonková, I. Souchopová, H. Kukačková, B. Hladká (Brno, Czech Republic)

Lymphatics and lymph node imaging (nuclear medicine, radiology, sonography)

10. Adipose tissue dominates chronic arm lymphedema following breast cancer: an analysis using volume rendered CT images

H. Brorson, K. Ohlin, G. Olsson, M. Nilsson (Malmö, Sweden)

11. Collateral lymphatic outflow in arm lymphedema
J. Bruna (Prague, Czech Republic; Bloemfontein, RSA)
12. Detection of postoperative lymphoedema in breast cancer patients using Multiple Bioelectrical Impedance Analysis
M. Halaška, J. Chod, P. Strnad, H. Stankušová, L. Rob (Prague, Czech Republic)

12.00 – 13.30 Lunch

13.30 – 14.50 Session III

Chairmen: C. Campisi, H. Brorson

Surgery treatment of lymphedema

13. Rehabilitative surgery of lymphedema: from diagnosis to early treatment
C. Campisi (Genoa, Italy)
14. Prevention and treatment of complications due to lymphadenectomy
F. Boccardo, C. Eretta, E. Da Rin, D. Pertile, S. Accogli, G. Villa, G. Taddei, C. Bellini, S. Michelini, E. Fulcheri, C. Campisi (Genoa, *Rome, Italy)*
15. Liposuction normalizes elephantiasis of the leg - a prospective study
H. Brorson, K. Ohlin, G. Olsson, B. Svensson (Malmö, Sweden)
16. Liposuction of postmastectomy arm lymphedema completely removes excess volume: a thirteen year study (quod erat demonstrandum)
H. Brorson, K. Ohlin, G. Olsson, B. Svensson (Malmö, Sweden)
17. Providing a surgical lymphoedema service - the first 2 years in Dundee, Scotland
D.A. Munnoch, S. Lundie (Dundee, Scotland)
18. Liposuction in chronic arm lymphedema. When, how, and why?
M. Wald, D. Tomášek, H. Houdová, J. Adámek (Prague, *Pardubice, Czech Republic)*

14.50 - 15.30 Posters Presentation

Coffee Break

15.30 – 17.00 Session IV

Chairmen: S. Michelini, F.-J. Schingale, G. Thibaut

Non-surgery treatment of lymphedema I

19. Italian guidelines on lymphedema
S. Michelini, C. Campisi, M. Ricci, V. Gasbarro, M. Cestari, R. Mattassi, A. Molisso, L. Zanetti, C. Allegra, A. Cavezzi, A. Aiello, M. Conte, A. Failla, G. Moneta, G. De Filippo (Rome, Italy)
20. Company presentation: CircAid non-elastic bandaging: the Dutch experience
R. Bot (VARITEX NV, Netherlands)
21. Manual or pneumatic retrograde drainage in secondary upper limb lymphoedema: at the beginning and at the end of a cure
S. Theys, M. Meunier, M. Lefèvre*, J.C. Schoevaerds, Th. Deltombe (Yvoir, *Montignies/Sambre, Belgium)*
22. Therapy of lymphedema of geriatric patients - possibilities and limits
Z. Navrátilová, J. Ondroušková, I. Kočí, R. Xaverová (Brno, Czech Republic)
23. Collagen type I attenuates lymphorrhea following axillary lymphadenectomy: a prospective randomized clinical trial
N. Arkadopoulos, E. Dimakakos, H. Kefalouros, E. Karvouni, V. Smyrniotis, I. Psychogios (Athens, Greece)
24. Lymphedema following pelvic lymphadenectomy
E. Iker, E. Glass (Santa Monica, USA)

25. Management of genital lymphoedema
F.-J. Schingale (Pommelsbrunn, Germany)

SATURDAY, MAY 12

HALL II

9.00 – 10.00

Workshop I - Taping

F.-J. Schingale (Pommelsbrunn, Germany)

Workshop II - Management of lower extremity lymphedema, with and without genital involvement

E. Iker (Santa Monica, USA)

9.55 – 10.30 Coffee Break

10.30 – 11.30

Workshop III - Wobenzym in the therapy of lymphedema and woundhealing

26. The effectiveness of proteases in treating disorders of lymphatic drainage
M. Wald, J. Adámek (Prague, Czech Republic)

27. Preliminary results in the study of the therapeutic effects of proteolytic enzymes used for lymphedema in crural erysipelas
A. Džupina, M. Džupinová, M. Wald, H. Křížová*, M. Vereb** (Bardejov, Slovakia; *Prague, Czech Republic; **Košice, Slovakia)*

28. Lymphedema as a complication after surgery of the head and neck
H. Váchová, M. Wald, Z. Demuthová (Prague, Czech Republic)

29. The importance of the lymphatic system in healing of chronic wounds
H. Vlhová (Bilovec, Czech Republic)

11.30 – 12.30

Workshop IV - Product overview and taking measurements for hand and arm garments

A. Warwas (medi Bayreuth, Germany)

Workshop V - Compressive drainage instruments

K. Kopsa (Klečany, Czech Republic)

12.30 – 13.30 Lunch

13.30 – 14.50

Workshop VI - A standard application of multi layer lymphoedema bandaging within the UK
J. Wigg (Wolverhampton, Great Britain)

Workshop VII - Proper physical exercises and occupational therapy in lymphedema treatment
S. Michelini, A. Failla, G. Moneta (Rome, Italy)

**14.50 - 15.30 Posters Presentation
Coffee Break**

15.30 – 16.45

Workshop VIII - Manual lymphatic drainage - head and throat
H. Houdová (Pardubice, Czech Republic)

9.00 – 10.30 Session V*Chairmen: E. Iker, M. Wald***Non-surgery treatment of lymphedema II**

30. International Classification of Functioning and lymphedema unability evaluation
S. Michelini, A. Failla, G. Moneta, V. Zinicola, F. Romaldini, D. Puglisi (Rome, Italy)
31. Lymphedema and pelvic mass following total hip replacement
E. Iker, E. Glass (Santa Monica, USA)
32. Distichiasis and lymphedema
M. Wald, H. Váchová, J. Urban, J. Adámek (Prague, Czech Republic)
33. A new method to assess garment's suitability in postmastectomy lymphedema
L. Albiach-Gascó, I. Forner-Cordero, D. Maldonado-Garrido, J. Muñoz-Langa (Valencia, Spain)
34. The role of compression garments in the long-term management of postmastectomy lymphedema
I. Forner-Cordero, L. Albiach-Gascó, J. Muñoz-Langa, D. Maldonado-Garrido (Valencia, Spain)
35. International cooperation in treatment of heavy lymphedema - a case report
R. Vlasák, F.-J. Schingale, M. Wald (Prague, Czech Republic; *Pommelsbrunn, Germany)*
36. The complex therapy of primary lymphedema
N. Vojáčková, L. Šipulová, R. Schmiedbergerová, J. Hercogová (Prague, Czech Republic)

10.30 – 11.00 Coffee Break**11.00 – 12.45 Session VI***Chairmen: A. Balzarini, K. Benda, I. Forner-Cordero***Non-surgery treatment of lymphedema III**

37. Goals and suggestions about rehabilitation treatment of mastectomy complications
C. Aniello, S. Calabrese, S. Piccione, A. Karuc, G. Moneta, A. Failla, S. Michelini (Rome, Italy)
38. Lymphology in pediatrics: diagnostic aspects and therapeutic implications
C. Bellini, F. Boccardo, C. Campisi, E. Bonioli (Genoa, Italy)

Epidemiology, classification and staging of lymphedema, quality of life, social issues

39. Incidence of lymphedema after axillary dissection
A. Balzarini, S. Ferla, C. Brunelli, F. De Conno (Milan, Italy)
40. Management in life-régime: an important part of lymphedema patients` „self treatment“
K. Benda (Brno, Czech Republic)
41. Biomechanical study of the gait in patients with lymphedema
I. Forner-Cordero, A. Forner-Cordero, D. Maldonado-Garrido, J. Cervera-Deval (Valencia, Spain)
42. Lymphedema and compliance
T. Galli (Busto Arsizio, Italy)
43. Lymphatics complications in drug addict patients
A. Hamadé, S. Gaertner, P. Michel, C.P. Strimbu, R. Le Nué, M. Gani, P. Allimant, B. Zeyer, G. Dalcher (Mulhouse, *Wingen-sur-Moder, France)*

44. Epidemiology of lymphedema in Czech Republic: demands of specialized health care versus reality

K. Benda (Brno, Czech Republic)

12.45 – 13.45 Lunch

13.45 – 14.30 G.E.L. General Assembly

14.30 – 16.00 Session VII

Chairmen: D. Maldonado-Garrido, R. Vlasák

Phlebolympheemas

Lymphatics and woundcare

45. Cooperation of lymphologist and angiologist in diagnostics of lower limbs edema

P. Zajíč, I. Parmová, P. Bartoš (Ostrava, Czech Republic)

46. Inpatient management of ulcers in the Lympho-Opt

F.-J. Schingale (Pommelsbrunn, Germany)

47. Presentation cancelled

Varia

48. Shoulder pain in arm lymphoedema: review of 19 patients

D. Maldonado-Garrido, I. Forner-Cordero, C. D'Ors, P. Nogués-Melendez (Valencia, Spain)

49. Dysfunction and secondary lymphoedema in traumatology, complex therapy of burn trauma

A. Loskotová, J. Loskotová (Vysoké Mýto, Czech Republic)

50. The injection enzymotherapy of the recurrent erysipelas by hyaluronidase

D. Němcová, A. Němcová (Hlučín, Opava, Czech Republic)

51. Could primary lymphoedema cause general signs and symptoms?

L. Šípulová, N. Vojáčková, R. Schmiedbergerová, J. Hercogová (Prague, Czech Republic)

52. Lymphedema and obesity

R. Vlasák (Prague, Czech Republic)

16.00 Closing remarks

SUNDAY, MAY 13 HALL II – CONGRESS OF CZECH SOCIETY OF LYMPHOLOGY

9.00 – 9.55 LYMPHO I

Chairmen: H. Houdová, H. Váchová

53. Manual lymphodrainage, part of sport rehabilitation - case report

E. Uhlík, H. Váchová, M. Wald (Prague, Czech Republic)

54. The signification of the lymph therapy in traumatology and orthopaedy

H. Váchová, M. Wald, Z. Demuthová (Prague, Czech Republic)

55. Complex treatment of chronic wounds in lymphedema

D. Perůtková (Olomouc, Czech Republic)

56. Interventional diagnostic and therapeutic performances in pediatric patients - nurse's view

P. Procházková, P. Urbančíková, G. Paulusová, L. Kašperlíková (Ostrava, Czech Republic)

9.55 – 10.10 Company presentation

The Lymphatic System & Wound Healing by the use of Activated Carbon

M. Svoboda (BETTAC, Prague, Czech Republic)

10.10 – 10.25

Workshop - Manual lymphodrainage of the lower extremity

B. Pivoňková (Prague, Czech Republic)

10.25 – 11.00 **Coffee Break**

11.00 – 12.00 **LYMPHO II**

Chairmen: A. Džupina, V. Pavlasová

57. Possibilities of e-health in prevention and treatment of lymphedema

R. Vlasák (Prague, Czech Republic)

58. Liposuction in chronic arm lymphedema. When, how and why?

M. Wald, D. Tomášek, H. Houdová, J. Adámek (Prague, *Pardubice, Czech Republic)*

59. Distichiasis and lymphedema

M. Wald, H. Váchová, J. Urban, J. Adámek (Prague, Czech Republic)

60. Anxiety and depression - complicating factors of lymphedema patients psychotherapy

M. Bendová (Brno, Czech Republic)

12.00 - 12.30 **Czech Society of Lymphology General Assembly**

12.30 – 13.30 **Lunch**

POSTERS

P1. The physiotherapist in the treatment of lymphoedema: the use of selected instrumental exams

F. Appetecchi, M. Cestari (Terni, Italy)

P2. Fine structure of the absorbing lymphatic vessel and intravasation modality of the cancer cell

M.L. Arcari, G. Caldara, G. Azzali (Parma, Italy)

P3. Compliance with compression garments in 112 postmastectomy lymphedema patients

I. Forner-Cordero, D. Maldonado-Garrido, L. Albiach-Gascó, J. Muñoz-Langa (Valencia, Spain)

P4. Compression and lymphedema - unavoiable union in the complex rehabilitating decongestive treatment

G. De Filippo, S. Michelini (Rome, Italy)

P5. Spleen uptake of circulating metal microparticles

P.G. Ferreira, E.M. Cunha, D. Cherdwongcharoensuk, A.P. Aguas (Porto, Portugal)

P6. The lymph sacs - an important phase in the development of the lymph system (lys)

J. Kočová, L. Boudová, Z. Tonar, M. Klima, L. Nedorost, I. Kirschenbauer* (Pilsen, Czech Republic, *Frankfurt/Main, Germany)*

P7. Treatment of lymphedema with shockwave therapy: preliminary study

S. Michelini, A. Failla, G. Moneta, V. Vinicola, B. Macaluso, M. Cardone, D. Antonucci (Rome, Italy)

P8. Axillary lymphatic massage optimizes the sentinel lymph node localisation by blue dye technique

Q. Nguyen, A. Basit, A. Jaipersad, R. Billingham, R.M. Kirby (Stoke-on-Trent, Great Britain)

P9. Lymphatics of the pleura: microstructure, inflammation and drainage of heavy metal particles

M.J.R. Oliveira, A.S.P. Pereira, N.R. Grande, A.P. Aguas (Porto, Portugal)

P10. Trisomy 20qter and lymphedema

B. Leheup, G. Thibaut, D. Wahl (Nancy, France)

P11. Evaluation of the effect of deep oscillation (hivamat®) on tissue changes of the breast in patients with secondary breast lymphedema

A. Reißhauer, B. Schoppe, S. Jahr (Berlin, Germany)

P12. Lymphography in some pathologic changes of lymphatic system

T. Jurgova, T. Taseva, R. Hako (Košice, Slovakia)