



GUELTIG LYMPHOLOGY
training and consulting GmbH



LYMPHEDEMA CERTIFICATE

**9 days practical training + online study certification
by GUILTIG LYMPHOLOGY - GERMANY**

Cairo – May 2024

About GUELTIG LYMPHOLOGY

- GUELTIG LYMPHOLOGY training and consulting GmbH (LTD) - located in Germany - organizing specialized lectures on anatomy, physiology, pathology, diagnosis and treatment of lymphostatic edemas for medical doctors in hospitals and university clinics
- Over 1.000 physicians in the field of Lymphology were trained by Professor Oliver Gueltig and team
- For more about GUELTIG LYMPHOLOGY please visit <https://www.lymphology.de/>

Short description:

- This intensive 9-day practical training in Lymphology, Complete Decongestive Therapy (CDT) on the base of our 44 years' experience in theoretical and practical Lymphology.
- All registered participants will get an access for a prerecorded online lecture before the practical part.
- in partnership with AIMS Academy Egypt, for medical doctors, physiotherapists and nursing professions

2 international instructors:

Dr. OLIVER GUELTIG

- Director and founder of Gueltig lymphology – Germany
- Senior of Lymphologic medical training for medical doctors and physiotherapists

Dr. Micheal Fathy

- Consultant Lymphedema Therapist
- Instructor at Gueltig lymphology Germany

Objectives:

By the end of certificate each and every candidate will be capable of:

- Planning for treatment of various lymphoedema conditions
- Mastering the international protocol of lymphoedema treatment c.d.t and its adjuvant therapies
- Mastering application of bandaging to various lymphoedema conditions
- Mastering the manual lymph drainage techniques and strokes to various conditions and plan the sequence of treatment according to each case
- Plan the adequate exercising and skin care protocol for each case
- Successfully identify and plan for treating primary and secondary manifestations of lymphoedema
- Assessing and reassuring the goals during various stages of treatment
- Identify the various indications of lymphostatic oedemas & relative and absolute Containdications for treatment

E- Learning Contents:

- Online materials include access to English blended learning Anatomy, Physiology, Pathology of lymphostatic disease.
- All lectures every time are a nice mixture out of theoretical and practical's parts Its easy to follow

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Content Glossary Help Modules

Welcome to anatomy!

Human anatomy is the study of the structures of the human body and its tissues. This self-learning module covers this important topic, focusing on a description of the lymphatic vasculature, its component parts and functions.

Intensive anatomic knowledge about the human body and particularly of the lymphatic system are important and essential details for your future job in edema treatments.

To communicate effectively with colleagues and doctors in future, it is also extremely important that you are familiar with the specialist terminology.

The Lymphologic team wishes you every success!

Oliver Güling
Senior Teacher and CEO of Lymphologic-GmbH



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Consequences for the venous system

Widened veins and insufficient valves are the direct consequence of primary anatomical or secondary venous change. The resulting venous obstruction has direct consequences for venous flow dynamics.

The **pathological increase in pressure** in the widened veins is also constantly influenced/changed by orthostatic factors.

These changes gradually lead to damage to and impairment of the endothelial glycocalyx, thereby causing the loss of a factor that plays an important role in protecting the vascular wall.

The venous wall comes into direct contact with the blood, which may result in the increased accumulation of blood lipids and platelets.

Interaction between leukocytes and the venous wall causes the release of inflammatory substances.

This may result, for no other apparent reason, in the development of plaques, which in turn increases the risk of thrombosis and causes deterioration in the overall state of the affected veins.

The important cleaning mechanism that takes place via flow rate and behind the valves is severely restricted. The valves that usually occur are largely absent. This explains why the deposits predominantly take place there, ultimately increasing the risk of thrombosis leading to the formation of thrombi.



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Lymphatic trunks important in treatment

The lymphatic trunks are divided into those of the upper half of the body and those of the lower half of the body. The line between the two halves is at the level of the diaphragm.

Click on the individual items to learn more >>

The trunks/ducts important in treatment are the:

- Truncus jugularis sinister et dexter
- Truncus subclavius sinister et dexter
- Truncus bronchomediastinalis sinister et dexter
- Ductus lymphaticus dexter
- Ductus thoracicus
- Cisterna chyli
- Truncus gastrointestinales
- Truncus lumbalis sinister et dexter



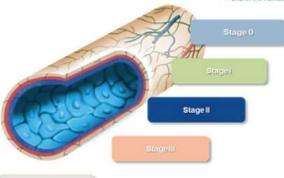
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Clinical stages of CVI

In lymphology, chronic venous insufficiency is classified into four stages according to Widmer based on functional and pathological criteria relating to the veins and the LV. However, increasing use is made in parallel or solely of the international CEAP classification (clinical-etiological-anatomical-pathophysiological findings).

Click on the individual buttons to learn more >>



CEAP classification

All participants who passed the examination successful will receive a certificate from **GUILTIG LYMPHOLOGY** signed by Oliver Gueltig and Dr. Michel Fathy



More about Professor Oliver Gueltig Biography:

- Born 25.05.1955 in Mannheim /Germany
- Physiotherapist since 06/1978
- Senior Professor of Lymphologic medical training for medical doctors and physiotherapists
- Board member of the German Society of Lymphology (DGL) (since 1979)
- Member of the International Society of Lymphology (ISL) (since 1985)
- Member of the German speaking Society of Lymphology (GDL) (since 1995)
- Member of all professional physiotherapy associations in Germany
- Founding member and scientific chairman of the Ambulant Lymph Network "Lymphologicum e.V." (since 2010)

Author of Scientific Manuals

- Editor in chief Lymphology guide, 1. Edition, O. Gueltig et al, Elsevier Verlag, 2015 and 2. Edition 2021

Co-author of Scientific Manuals

- Lehrbuch der Lymphology (Standard textbook of Lymphology)
- Edition 1 – 3, Gustav Fischer Verlag
- Edition 6, Urban-Fischer Verlag
- Patient guidebook "Das Lymphödem" (Lymphodema) edition 1 – 5, Gustav-Fischer Verlag
- Lipödem and Cellulitis (Lipodema and cellulite), Viavital Verlag
- Physiotherapy Kompléxe Décongestive, Editions Frison – Roche
- Lymphedema Diagnosis and Therapy, 4. edition, Viavital-Verlag
- Földi's Textbook of Lymphology, 2. edition, Urban&Fischer Verlag (Elsevier)
- Lymphedema Management and Complete Physical Decongestive Therapy, 2. – 5. Edition, Viavital-Verlag

For full information about tutor biography <https://www.lymphology.de/about-us/milestones/>

Organized by **AIMS**
Academy of International Medical Seminars

For more information, venue, fees
and registration please contact:

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Director and founder of Gueltig
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DR. MICHEAL FATHY

Instructor at Gueltig lymphology Germany
Consultant PT

MANAGEMENT AND COMPLETE PHYSICAL DECONGESTIVE THERAPY

BECOME A CERTIFIED LYMPHOEDEMA THERAPIST

40 HOURS PRACTICAL • 1 MONTH ONLINE STUDY

10 - 18 MAY 2024



CAIRO

Become a C.L.T

