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OESO-SEMPIRE Multidisciplinary Platform for Esophageal Health

Basic document

(Updated May, 2023)

*Aim: to implement, in a worldwide network of Pilot Centers of Excellence in Esophagology *, the founding principle of multi-disciplinarity OESO has nurtured since its founding.*

A fundamental step for Esophagology is the implementation of an innovative **multidisciplinary platform** fostering the exchange of data, knowledge, expertise and best practices between global Pilot Centers of the OESO network, harnessing the newest technologies available along with coordinating efforts to bring knowledge outside the network, through exchange of Fellows and Trainees, conferences, training courses, and other means of Continuing Medical Education.

Foreword

- **OESO** is an original, multidisciplinary Organization specializing in diseases of the **esophagus**, and has brought together, since **1978**, specialists from 19 disciplines, both clinical and fundamental, at the highest level, devoting their work to this vast area of Gastroenterology.

- The **OESO Foundation** was founded in 2001, under Swiss law, with reference to articles 80 and seq. of the Swiss Civil Code.

It has been officially domiciled at the University of Geneva since May 11, 2006.

- Since 1993, a special cooperation has been in action between **UNESCO**, OESO and the OESO Foundation, the achievements of which have been distinguished by,

- A *Resolution*, officially approved at the 30th General Conference of 1999 by 197 States,
- the award of a *Chair in Tele-Medicine* in 2005,
- the award of a *Chair in Digital Continuing Medical Education and Capacity building* in 2017, domiciled in the Department of Cyber-Health at the University of Geneva,
- the organization of 6 of the 15 congresses of OESO at the UNESCO Headquarters, or with the official patronage of this Institution.

- The contribution of **OESO-SEMPIRE** to the evolution of health systems in different countries of the world is based on its action to coordinate an International Multidisciplinary **Inter-University Network**, generating both efficiency and equity, in line with one of the missions of UNESCO.

- The basic objective of the **OESO-SEMPIRE Platform for Esophageal Health** is an effective contribution to Education in the field of health by seizing the opportunities now available in the world of digital transformation and Artificial Intelligence.

Its multidisciplinary activities are aimed at digital strengthening of medical-care capacities in different countries.

The innovative setting up of an **Inter-University, Multidisciplinary Platform for Esophageal Health** represents the latest endeavor for OESO.

The OESO Foundation, domiciled at the University of Geneva, is the funding body of the project.

- OESO brings together **Pilot Centers of Excellence in Esophagology** in the Universities belonging to its worldwide network.

The special bridge established between OESO and the Stanford Medicine **SEMPIRE** (*Stanford Esophageal Multidisciplinary Program in Innovative Research Excellence*) adds particular strength to the network which has already attained its stages of completion.

- In the spirit of this global project, OESO-SEMPIRE will be open to the presence on the Platform of
 - scientific societies called "*Affiliated Societies*", *
 - as well as to "*Affiliated partners*"* who will participate to its expansion in the context of specific agreements.

The provision of a state- of- the- art training infrastructure with the application of Telematics and reinforcement of multidisciplinary courses corresponds to the goals of OESO and **SEMPIRE**.

The program will be proposed to the **SFITS** (*Swiss Foundation for Innovation and Training in Surgery*), a Training Center created by the University Hospitals of Geneva, including simulators and last generation robots, in addition to the integration of imaging and augmented reality.

Participation in training programs will be also proposed to the **COSECSA** (*Council Of Surgeons of East Central and Southern Africa*).

*The accelerating current turnover of technical acquisition of medical information requires an **evolutionary approach of system design** and of development now available, to cope with the expansion of the technologies of information without loss of performance.*

*This is the invaluable key to success of the **OESO – Stanford Medicine SEMPIRE** project, which benefits at the outset from state- of-the-art structures allowing for efficient training on new devices, with teams committed to controlling and updating knowledge bases and equipment, in order to contribute to innovation in daily practice, and participate in a multidisciplinary network of second opinion.*

Synthesis of the OESO-SEMPIRE program

- *This program* is based on the application of an innovative approach to expand knowledge **across all disciplines** related to the foregut, and to share this knowledge in developed as well as in developing countries.

- *The opportunity of this project* derives from the logic of applying Telematics to Healthcare, Continuing Medical Education and **exchanges** between top level experts and practitioners with **possible access to patients**, thus offering the advantages of sharing knowledge and know-how in the already existing and worldwide renowned scientific network of OESO.

Such objectives are in line with two guiding principles in all countries for the improvement of medical practice as well as for the reduction of health costs:

- the need for *Continuing Medical Education*,
- the need for an *accreditation system* guaranteeing the quality of the knowledge acquired, and sustaining the creation of new structures to provide training in view of the highest level of clinical care.

- *The implementation of this global project* will be done by the **OESO Pilot Centers of Excellence** established throughout the OESO inter-University network, with the development of a program of multidisciplinary, theoretical and practical education.

- *The anticipated result* is the setting up of an international platform for interactive exchanges between clinicians, researchers, and engineers, providing high level qualified training and expertise in Esophagology, *with certification and labeling* of Centers offering the highest level clinical care in diseases and disorders of the foregut, with exchanges of Fellows and trainees.

- In this aim, the **OESO- SEMPIRE Platform of excellence in esophagology** set up with Stanford Medicine was implemented by the Anderes Fourdy firm in Malaysia.
 - The advantages of this global, digital platform are shared by the Pilot Centers, with the setting up of digital “Landing pages” to reinforce inter-communications.
 - A web interactive Multi-Media Center and a Video library will be open to all the OESO- SEMPIRE corresponding members.
 - Specific parts of the network will be available to patient organizations and to the public.
 - A system for second opinion will be open to all Health professionals, to virtually bring in the best experts to help solve difficult medical cases in countries without the most recent techniques and expertise.

*The focus on Esophagology has led OESO, since its founding, to set a **standard of innovation** that goes far beyond the esophagus, and the concept developed by OESO can be applicable to other areas of Medicine.*

The primary interest of what has been built in this international, multi-disciplinary OESO-SEMPIRE Platform lies in its innovative approach to expand knowledge across the disciplines related to one organ, and to share this knowledge in a way that will ultimately benefit patients.

Criteria for Centers to be OESO certified

- Active, multidisciplinary education in areas of the foregut
 - Clinical practice
 - Basic sciences
- Approach to Minimally Invasive Surgery
- Practice of surgical endoscopy
- The number of publications in peer-reviewed scientific journals
- Course facilities
- English as sole language used in the courses

Role of the OESO-SEMPIRE Centers of Excellence integrated in the OESO network

CME – Exchange of Fellows / Trainees / Heads of Depts / Sharing of Knowledge – Second opinion - Collaborative studies

- To participate (on-site or at a distance), in the internal meetings of the Platform devoted to,
 - the organization of the scientific programs,
 - the prospects offered by new technologies for the expansion of multi-disciplinary esophagology in the fields of diagnosis and treatments.
- To **contribute to the activities of OESO-SEMPIRE**,
 - Providing *clinical case discussions*, on the Educational Channel of the OESO website,
 - Participating in the *network of second opinion*,
 - Promoting *expansion of multidisciplinary esophagology* in the country of the Pilot Center (Guidelines, Registries, Evidence generation).
- To organize **exchanges of Fellows/ Trainees / Heads of Departments and Staff members** with other Pilot Centers.

The fellowships can be of two sorts:

- *Basic Fellowship*, with a 2 week rotation in the various departments of the Center,
- *Advanced Fellowship* for a one year duration, to generate sub-specialists in esophageal disease.

Financing is expected, either from the Pilot Centers, or by the OESO Foundation, depending on sponsorship obtained.

- **To organize courses** in the Pilot Center, with a multidisciplinary program, left up to the initiative of each team.

These courses (virtual or in person) are intended for participants coming, either from the Pilot Center country, or from any other country of the network.

The number of participants will not be limited, although a very small number is a guarantee of exchanges of particular interest for those who will attend.

The fee will be decided by the Center.

The level of the courses, at Trainee or Fellow level, will be determined by each Pilot Center.

(A particular emphasis will be however given, among all specialties considered in the course, to "the" previously agreed upon area as *the one characteristic* of the Center.

- The dates of the courses will be posted on a special calendar on the OESO website.
- A document of *Certification of Attendance* will be provided to the participants in a course organized by a Center on the Platform.

- To contribute once a year (virtually or in person), with one or several members of the Pilot Center, to a **multidisciplinary OESO – STANFORD Medicine Educational Program** organized by:
 - OESO in Geneva,
 - The Stanford Medicine SEMPIRE in Palo Alto.
- At the end of the Educational Programs held in Geneva or in Stanford, a **Certificate** will be awarded to those having, prior to one of these main courses, participated in two courses organized in other Centers of the network (*See above*).
- **Accreditation** will be requested from the EACCME (European Accreditation Council for Continuing Medical Education). Credits obtained can be converted to an equivalent number of AMA PRA Category 1 Credits TM.
- To participate in the **collaborative studies** / position papers jointly organized on the network by the Pilot Centers
- Every two years, the program of the **OESO World Conference** will comprise one or several sessions devoted to the work of the Pilot Centers in the field of Continuing Medical Education.

Advantages awarded to the OESO-SEMPIRE certified Pilot Centers

- Authorization to post the label "*OESO-SEMPIRE Center of Excellence in Esophagology*" on the Center's website.
- Benefit from the technical offerings of a unique Platform, with inter-communications between Pilot Centers of excellence, access to a web-interactive Multi-Media Center with possible display of videos, possible publication of scientific papers and organization of webinars.
- Space offered on the OESO website for presentation and programs of the Center.
- As a labelled Center, be a priority referral when OESO is called on by Industry to provide potential partners.
- Be a selected destination for Fellows, Trainees, and/or Heads of Departments and Staff members.
- Access to potential funding by the OESO Foundation of courses and projects of the Center.
- Listed on the OESO website, among the Centers having committed to the **OESO Charter**.

The OESO –SEMPIRE Platform of Excellence will be of a unique scope, considering the soundness of its basic structure, the scientific level of its inter-University partnership, the prestige of UNESCO, and, above all, the shared enthusiasm of those already on board.

Charter

of the OESO Centers of Excellence in Esophagology

Specialists from all disciplines represented in OESO have each contributed to build this distinctive Organization, which has gradually gained a reputation of excellence in the international scientific community.

With the incorporation of my Center into the global network of Pilot Centers of the OESO Platform, created in cooperation with Stanford University,

I agreed to join this innovative structure dedicated to patient care in Esophagology.

I wanted to make it benefit from the reputation of my Center and to participate, in the interest of patients, in the multidisciplinary expansion of Esophagology.

As an expert in my field, I will help to maintain its scientific credibility and reputation for excellence.

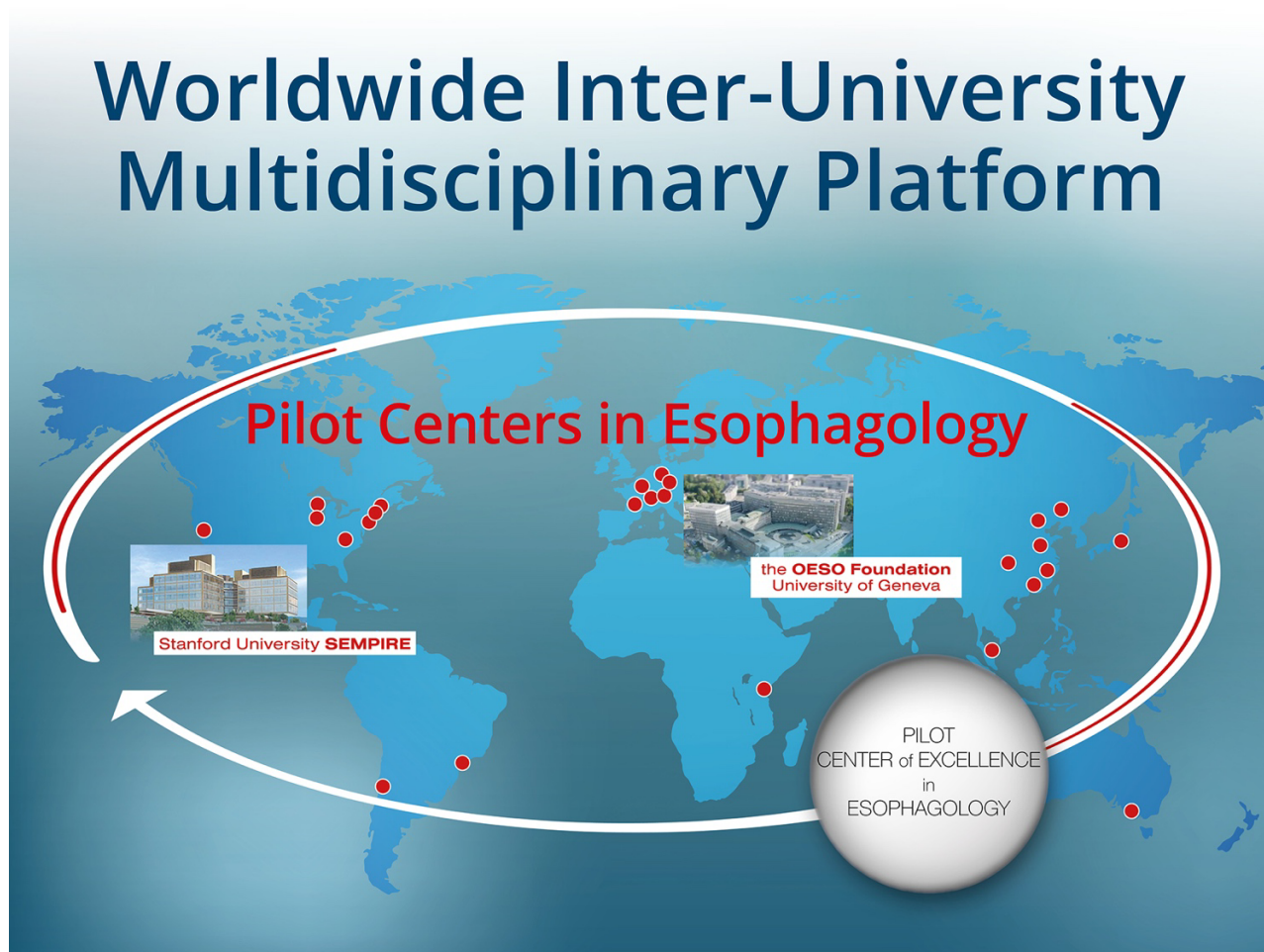
Together with the specialists of my Center, I shall strive to broaden the reach of its achievements amongst the national and international scientific bodies to which I belong.

In general terms, as a member of the OESO – SEMPIRE network, I consider myself as vested with the responsibility to represent a part of what this multi-disciplinary Platform signifies, and to contribute to maintain its scientific credibility and its reputation of Excellence.

* *In addition to the attribution of the stamp of "Pilot Center in Excellence in Esophagology" to departments of universities throughout the world, the Advisory Board may grant access to the Platform to other entities such as,*

- *Scientific societies, labeled " **Affiliated Societies**",*
- *Pharmaceutical or device companies having a particular interest in the forefront, labeled " **Affiliated Partners**",*

open to the activities of the Platform according to the terms of a specific Agreement (See specific addenda).



The primary interest of what is being built within the OESO –SEMPIRE Platform of CME lies in its innovative approach to expand knowledge across the disciplines related to one organ. Exchange of Fellows or Trainees and sharing of knowledge among the Pilot Centers of the network will illustrate the valuable contribution of this Platform to innovation in daily practice, and to the provision of an efficient inter-disciplinary network of second opinion and capacity building in Esophagology.

Pilot Centers on the OESO-SEMPIRE

As of May, 2023

North America

- Boston (USA)
- Chicago (USA)
- Camden (USA)
- Milwaukee (USA)
- New Haven (USA)
- New York (USA)
- Stanford (USA)

South America

- São Paulo (Brazil)
- Santiago (Chile)

Africa

- Bomet (Kenya)

Europe

- Bordeaux (France)
- Geneva (Switzerland)
- Leipzig (Germany)
- Mainz (Germany)
- Milan (Italy)
- Paris (France)

Australia

- Melbourne (Australia)

Asia

China:

- Beijing
- Chengdu
- Fuzhou
- Shanghai
- Shenyang
- Shenzhen

Japan:

- Tokyo

Malaysia:

- Kuala Lumpur