



# eular

## 7<sup>th</sup> Eular (European League Against Rheumatism) course on Capillaroscopy in Rheumatic Disease

### Medical Area

Rheumatology

### Date

Bi-annual Course

Next Session:

8 – 10 September 2016

### Location

Tower Genova

Airport Hotel & Conference Center,

Via Pionieri ed Aviatori d'Italia, 44

16154 Genova · Italy

### Format

English language

The course is structured for a progressive learning, training and testing, successfully tested for both beginners and already trained operators in micro-circulation investigations.

Participants are involved in interactive theoretical and practical capillaroscopy sessions (Learning and Testing sessions) engaging a large number of rheumatic patients. In particular, reading and scoring (manual and a new automated system) of the videocapillaroscopic images of living patients are discussed and their predictive value to identify possible clinical complications (i.e. digital ulcers in systemic sclerosis, lung involvement etc.) are analyzed including the recent data found in the pediatric population.

The practical sessions are supported by the full availability of several videocapillaroscopes for the direct analysis of the nailfold bed in living patients. Expert tutors show the technique to basic attendees and discuss critical cases with already skilled attendees.

### Summary

Official EULAR (European League Against Rheumatism) course is developed with the main local KOL in rheumatology as Scientific chairman and a group of International Academic KOLs.

The aim of this intensive and interactive EULAR course is to provide all participants with an update on the power of the non-invasive nailfold videocapillaroscopy (NVC) and other related tools, for the early diagnosis of the scleroderma spectrum diseases, its predictivity and prognostic value, as well as its role as a tool for the therapeutic follow up.

Of note, ACR/EULAR stated in the new (2013) guidelines for classification criteria of systemic sclerosis (SSc): "Capillaroscopy is now widely used, and considering the value of magnified nailfold visualization in the diagnosis and management of SSc, these new criteria may encourage acquisition of this skill by physicians caring for SSc patients". Microvascular patterns observed in other connective tissue diseases are described and discussed. Sessions on practical evaluation of the peripheral blood flow by laser doppler and LASCA imaging have been introduced. Lessons and practical session on skin ultrasound (US) evaluation are also available and are combined with the severity of the videocapillaroscopic images (patterns) in living patients

### Scientific director

Teachers are the major European experts on the matter, including some specialists already. Involved during the Symposia on Capillaroscopy that have been held during EULAR Meetings.

The Scientific Director is **prof. Maurizio Cutolo**, prof. of Rheumatology at the Department of Internal Medicine of Genova University and EULAR President. Since 2014 he also became President of the ILAR – International Society of Rheumatology, which incorporates all the big world companies of Rheumatology from North to South America, from Asia to Africa.



## PROGRAM DETAILS

### Main Topics

#### Registration Fee

Registration is now closed

Next course planned  
for September 2018,  
Genova, Italy

#### Course package 1

(accommodation included)

€ 1.300,00

includes attendance  
to the scientific sessions,  
certificate of attendance,  
coffee breaks, lunches, dinner,  
Hotel accommodation  
at Congress Venue in single  
occupancy room 2 nights

#### Course package 2

(without accommodation)

€ 850,00

Includes: attendance to the  
scientific sessions, certificate  
of attendance, coffee breaks,  
lunches.

Handling fee - € 50,00

Total for attendee:

package ( 1 or 2)

+ handling fee

#### Contacts

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### First day

#### Theoretical and practical sessions

- Endothelial cells and microvascular dysfunction in rheumatic diseases
- Link between the vasculopathy and fibrosis
- Severe microvascular involvement in SSc: from Scleroderma Renal Crisis to Vasculitis
- Evaluating Raynaud's phenomenon: capillaroscopy and other diagnostic tools
- The taxonomy of the videocapillaroscopic microvascular morphology in normal and pathological conditions including the markers of the scleroderma patterns
- The qualitative analysis of the scleroderma patterns links to the pathophysiology and progression of damage in systemic sclerosis
- (Semi)-quantitative manual and automated scoring systems for the scleroderma patterns. Testing your scoring skill in clinical cases.
- Practical session to optimize capillaroscopy: TV-assisted presentation of clinical cases with living patients from the podium

### Second Day

#### Theoretical and practical sessions

- Microcirculatory change evaluation and its predictivity for the skin ulcer detection in systemic sclerosis today the role of the indexes
- Capillaroscopy in the scleroderma spectrum diseases, including overlap syndromes and dermatomyositis - Clinical cases
- The range of microvascular changes as observed by capillaroscopy in non scleroderma spectrum diseases, including systemic lupus erythematosus and antiphospholipid syndrome - Clinical cases
- Nailfold capillaroscopy in rheumatic diseases: available tools and critical analysis
- Capillaroscopy in psoriasis versus psoriatic arthritis and rheumatoid arthritis - Clinical cases
- Treatments for the microcirculation impairment in rheumatic diseases and evaluation by peripheral blood flow analysis and capillaroscopy
- Correlations between capillaroscopy and functional analysis of dermal thickness by ultrasounds in living cases of systemic sclerosis – TV-assisted Clinical cases
- Antibodies and capillaroscopy: their pathophysiological role and value for the diagnosis of the connective tissue diseases – Clinical cases
- Practical session of laser doppler/imaging analysis versus capillaroscopy TV-assisted living cases of systemic sclerosis
- Role of capillaroscopy in clinical case resolution
- Practical session with analysis by participants (Tutor supported) of clinical cases with living patients

### Third Day

#### Theoretical and practical sessions

- Biomarkers and capillaroscopy: focus on endothelin and its receptors on clinical complications in systemic sclerosis
- Raynaud's in children: the size of the problem
- Capillaroscopy in paediatric patients
- The most common mistakes in performing and reading the capillaroscopic reports – practical session
- Twenty years of experience in analyzing and reporting the nailfold capillaroscopic evaluation – practical session
- The contribution of capillaroscopy to the classification criteria of rheumatic diseases: the case of systemic sclerosis
- Updates from the EULAR Study Group on microcirculation in rheumatic diseases