



Genova 9/11 Settembre 2010

**4th EULAR COURSES
"Capillaroscopy and Rheumatic Diseases"**

Lo scopo dell'edizione 2010 è quello di fornire a tutti i partecipanti un aggiornamento sulla tecnica capillaroscopica, sia per la diagnosi sia per l'aggiornamento sulle malattie reumatiche su due livelli di competenza. I livelli saranno Basic per principianti in capillaroscopia ed Advanced per esperti di capillaroscopia o che hanno già frequentato le precedenti edizioni.

I partecipanti saranno coinvolti sia nelle sessioni teoriche di capillaroscopia sia in quelle pratiche nelle quali è prevista la partecipazione dei pazienti affetti da malattie reumatiche. Saranno inoltre oggetto di discussione e interattività gli aspetti pratici concernenti gli effetti delle terapie anti-reumatiche sulla microcircolazione e sull'infiammazione dalla sclerodermia all'artrite reumatoide.

Alla conclusione del corso i partecipanti avranno acquisito un bagaglio di conoscenza per poter utilizzare il capillaroscopio per la diagnosi differenziale in reumatologia e per la valutazione degli effetti terapeutici delle malattie.



4th EULAR COURSE

on Basic and Advanced Capillaroscopy in Rheumatic Diseases

September 09th-11th, 2010 - Genova, Italy

PRESENTATION OF THE COURSE

Call for registration > 4thcapillaroscopy@elsevier.com - Deadline for registration July 10th, 2010

Introduction

Nailfold capillaroscopy (NC) is a safe, non-invasive routine way for the microvascular investigation. The NC is a tool that allows to distinguish between primary and secondary Raynaud's phenomenon (RP) the best clinical marker of microvascular dysfunction. Several connective tissue diseases show characteristic NC patterns including systemic sclerosis (SSc), dermatomyositis (DM), mixed connective tissue disease (MCTD) and antiphospholipid syndrome. The NC supports the early diagnosis of connective tissue diseases. Therefore, the NC has become a dynamic tool that further increases the armamentarium of the rheumatologist. NC is fundamental to explore the microvascular system and is considered useful in monitoring the progression of the microangiopathy, in assessing the disease severity and in establishing the risk of a more aggressive disease evolution as well as to monitorize the effects of therapies.

Educational objectives

The course is intended to teach the attendees the proper methodology and practical use of the capillaroscopic investigation of the nailfold bed in normal and pathological conditions at two levels of expertise.

Attendees meeting the NV analysis from the beginning ( **Basic Course**) and attendees already advanced and previously trained in the NV investigation ( **Advanced Course**).

The **Basic attendees** will learn how to distinguish the different NC patterns characterizing the major connective tissue diseases associated or not with secondary RP. The **Advanced attendees** will improve their basic skillness with integrated lessons on practical application of NV in case resolution and therapy follow up and updated integrations to their expertise on the field.

Participants of both courses will be involved in theoretical and practical capillaroscopic sessions involving rheumatic patients. At the end of the course the basic attendees will have learnt the use of the capillaroscopic tools and will be able to recognize and describe all the major NC patterns. At the end the advanced will have improved their skillness in NV by making diagnosis on living clinical cases and discussing the prognostic value of NV in the disease follow up.

Following the exciting results of the First 3 Courses, each one including a total number of 100-120 attendees from whole Europe, the Fourth Course should be replicated and will be specially devoted to trainees and young rheumatologists. A CD and a Syllabus with the major topic discussed will be offered. In addition, a network for the online discussion of the observed patterns with the experts will be organized and offered to the participants to the Course.

Course organization

The Course will include morning and afternoon sessions each day. The practical sessions will be supported by the full availability of several videocapillaroscopies for the direct analysis of the nailfold bed in living patients. Expert tutors will show the technique to basic attendees. In addition, each day the described patterns will be discussed during the practical sessions.

The results of the multiple choice questionnaires collected at the beginning and at the end of the Course will be analyzed by a panel of experts including the speakers of the day, who will critically discuss the participants' answers from the perspective of evidence-based medicine and their own clinical experience.

Some common sessions grouping together both course levels, on general and updated introductory topics as well as on conclusive perspectives will be organized.

Registration is open to all member countries of EULAR and in the world.

A special rate is dedicated to trainees and young rheumatologists (Available under 35 years old. A letter of confirmation of Trainee status from the Head of Unit must accompany the registration form).

This Course will apply for both national and european credits as happened for the previous 3 courses. The Course should be run successive editions in different European Countries.

Congress Venue

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16124 Genova - Italy
Phone +39 010 25391
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Scientific Organizer

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Speakers

The speakers will mainly include the major European experts on the matter, including some specialists already involved during the Symposia on Capillaroscopy that have been held during the last 4 Annual EULAR Meetings.

Course opening / Course closing

Thursday, September 09th, 2010
Saturday, September 11th, 2010

Official language

The official Conference language will be English. Simultaneous English ↔ Italian translation will be provided.

CME credits

Application will be forwarded for both national and european credits.

- 14.30 - 18.30 **B A** **MICROCIRCULATION: THE STATE OF ART – Plenary Session**
- 14.30 - 14.50 The rheumatology in Europe
 14.50 - 15.00 EULAR and education
 15.00 - 15.20 Introduction and presentation of the course: the basic and advanced modules
 15.20 - 15.50 The microcirculation in the rheumatic diseases
 15.50 - 16.00 Questions and answers
 16.00 - 16.30 Pause
 16.30 - 16.50 The Raynaud's phenomenon: more than a clinical symptom
 16.50 - 17.10 The methods of evaluation of the microcirculation
 17.10 - 17.30 Questions and answers
 17.30 - 18.30 INTERACTIVE SELF - ASSESSMENT "BEFORE"
 20.30 Dinner

- 08.30 - 14.00 **B A** **INTRODUCTION TO THE CAPILLAROSCOPY**
- 08.30 - 08.50 **B** Microvessels and rheumatic diseases
A Fingers to be chosen or avoided for NVC analysis
 08.50 - 09.10 **B** Capillaroscopy: materials and methods
A Searching the best lens magnification in NVC analysis
 09.10 - 09.30 **B** When to perform the capillaroscopy
A Correlating blood flow and nailfold videocapillaroscopy
 09.30 - 09.50 **B** How to obtain good capillaroscopic pictures
A Detection by capillaroscopy the shift from primary to secondary Raynaud's phenomenon
 09.50 - 10.00 Questions and answers
 10.00 - 10.20 **B** Capillaroscopy in healthy subjects and different ages
A Correlation of biomarkers of endothelium dysfunction and matrix remodeling in patients with systemic sclerosis
 10.20 - 10.40 **B** The most important capillaroscopic parameters
A Blood flow evaluation in microvessels
 10.40 - 11.00 **B** The videocapillaroscopic technique
A Angiogenesis: its role in tissue reparation
 11.00 - 11.30 Pause
 11.30 - 13.00 **B A** PRACTICAL SESSIONS TEACHING THE USE OF CAPILLAROSCOPY (*Faculty*)
 13.00 - 14.00 Working Lunch

- 14.00 - 16.20 **B A** **CAPILLAROSCOPY AND RHEUMATIC DISEASES UNDERSTANDING CAPILLAROSCOPY**
- 14.00 - 14.15 **B** Mistakes in capillaroscopy
A The prognostic value of nailfold capillary changes for the development of connective tissue disease in children and adolescents with primary Raynaud's phenomenon
 14.15 - 14.30 **B** Capillaroscopy in Raynaud's phenomenon
A Validation and scoring of the scleroderma pattern
 14.30 - 14.45 **B** Capillaroscopy in systemic sclerosis
A Optimizing the images during the capillaroscopic analysis
 14.45 - 14.55 Questions and answers
 14.55 - 15.10 **B** Capillaroscopy in dermatomyositis and mixed connective tissue disease
A More severe nailfold capillaroscopy findings and antiendothelial cell antibodies in SSC and other selected CTD
 15.10 - 15.25 **B** Capillaroscopy in systemic lupus erythematosus
A Antibodies and capillaroscopy in systemic sclerosis
 15.25 - 15.40 **B** Capillaroscopy in antiphospholipid syndrome
A Mistakes in capillaroscopy
 15.40 - 15.50 Questions and answers
 15.50 - 16.20 Pause

- 16.20 - 19.30 **B A** **CAPILLAROSCOPY AND RHEUMATIC DISEASES UNDERSTANDING CAPILLAROSCOPY**
- 16.20 - 16.35 **B** Capillaroscopy in juvenile connective tissue diseases
A Capillaroscopy and skin ulcers in scleroderma
 16.35 - 16.50 **B** Capillaroscopy in diabetes mellitus
A Capillaroscopy and pulmonary hypertension in scleroderma
 16.50 - 17.05 **B** Capillaroscopy of dermatological/rheumatic disorders
A Role of endothelin and sex hormones in the pathophysiology of tissue fibrosis
 17.05 - 17.20 **B** Controversies in capillaroscopy
A Teaching capillaroscopy to young fellows
 17.20 - 17.30 Questions and answers
 17.30 - 17.50 **B** Treatment of Raynaud's phenomenon: new insights and developments
A Capillaroscopy and guide lines for the diagnosis of early scleroderma
 17.50 - 18.20 **B A** Role of endothelin in digital ulcers
 18.20 - 18.30 Questions and answers
 18.30 - 19.30 **B A** PRACTICAL SESSIONS WITH CLINICAL CASES (*Faculty Interactive*)
 21.00 Dinner

- 08.30 - 12.30 **B A** **CAPILLAROSCOPY, CLINICAL CORRELATIONS AND PERSPECTIVES – Plenary Session**
- 08.30 - 08.45 Capillaroscopy in different microvascular conditions
 08.45 - 09.00 Computerized nailfold video capillaroscopy - a further tool for assessment of Raynaud's phenomenon
 09.00 - 09.15 Correlations between capillaroscopy and serological findings
 09.15 - 09.30 Correlations between capillaroscopy and clinical findings
 09.30 - 10.30 PRACTICAL ISSUES and questions.
B A PRACTICAL ISSUES, Proposals
 10.30 - 11.00 Pause
 11.00 - 11.30 INTERACTIVE SELF - ASSESSMENT "AFTER"
 11.30 - 11.45 INTERACTIVE SELF - ASSESSMENT SOLUTION
 11.45 - 12.00 PERSPECTIVES AND WEB SITE: future development of an online network
 12.00 - 12.30 General discussion



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REGISTRATION FORM

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Please send the Application Form to Elsevier Srl,
Att. Federica Begotti (Via Paleocapa, 7 - 20121 Milano - Italy): eMail: f.begotti@elsevier.com
Fax +39 02 93661587

Personal data

Family Name _____

First Name _____

Place and date of birth _____

Graduation _____

VAT/Fiscal Code _____

Address

Personal **Professional**

Institution _____

Address _____

City _____

CAP/Zip Code _____

Country _____

Telephone _____

Fax _____

E-mail _____

Course Level (Please specify your course of interest)

Basic **Advanced**

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I agree I do not agree

Date _____ Signature _____

REGISTRATION FEES (VAT included)

- COURSE AND ACCOMMODATION PACKAGE 1** € 1.200,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Opening Party, Social Dinner, Hotel accommodation at **Congress Venue** in single occupancy room 2 nights (in Sept. 9th - out Sept. 11th).
- COURSE AND ACCOMMODATION PACKAGE 2** € 1.100,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Opening Party, Social Dinner, Hotel accommodation at **3 stars Hotel** in single occupancy room 2 nights (in Sept. 9th - out Sept. 11th).
- COURSE AND ACCOMMODATION PACKAGE 3 (without dinners)** € 1.000,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Hotel accommodation at **3 stars Hotel** in single occupancy room 2 nights (in Sept. 9th - out Sept. 11th).
- COURSE PACKAGE 4 (without hotel)** € 1.000,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Opening Party, Social Dinner
- COURSE PACKAGE 5 (without hotel & Dinners)** € 750,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches.
- COURSE AND ACCOMMODATION PACKAGE FOR YOUNG RHEUMATOLOGISTS *** € 950,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Opening Party, Social Dinner, Hotel accommodation at **3 stars Hotel** in single occupancy room 2 nights (in Sept. 9th - out Sept. 11th).
- COURSE AND ACCOMMODATION PACKAGE FOR YOUNG RHEUMATOLOGISTS * (without dinners)** € 800,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Hotel accommodation at **3 stars Hotel** in single occupancy room, 2 nights (in Sept. 9th - out Sept. 11th).
- COURSE AND ACCOMMODATION PACKAGE FOR YOUNG RHEUMATOLOGISTS * (without hotel)** € 800,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches, Opening Party, Social Dinner.
- COURSE PACKAGE FOR YOUNG RHEUMATOLOGISTS * (without hotel and dinners)** € 650,00
Includes: attendance to the scientific sessions, certificate of attendance, coffee breaks, lunches.

* Available under 35 years old. A letter of confirmation of Trainee status from the Head of Unit must accompany the registration form.

Please specify if you applied for Euler bursary also YES NO

- ACCOMPANYING PERSON PACKAGE 1** € 450,00
Includes: Hotel accommodation at **Congress Venue** (2 nights, double room, from Sept. 9th to Sept. 11th 2010), lunches, coffee breaks, Opening Party, Social Dinner.
- ACCOMPANYING PERSON PACKAGE 2** € 350,00
Includes: hotel accommodation at **3 stars Hotel** (2 nights, double room, from Sept. 9th to Sept. 11th 2010), lunches, coffee breaks, Opening Party, Social Dinner

Accompanying person's name _____

- HANDLING FEE** € 30,00

TOTAL (PACKAGE + HANDLING FEE) € |__|__|__| , |__|__|

■ Extra-nights

Get into contact with NH Marina, Molo Ponte Calvi 5 – 16124 Genova – Italy.
Phone: +39 010 25391 - Fax +39 010 2511320 - eMail: nhmarina@nh-hotels.com - The hotel will charge extra-nights.

PAYMENT BY:

- Bank transfer to: ELSEVIER Srl - Cause "**4th EULAR Capillaroscopy Course**"

Bank: Intesa San Paolo - Agency nr. 01 - Account nr. 62928
IBAN CODE: IT64 Y 03069 016011 00000062928 - BIC CODE: BCITITMM

- VISA Eurocard/Mastercard Amex Expiration date |__|__ / |__|__

nr. |__|__|__| |__|__|__| |__|__|__| |__|__|__| For € |__|__|__| , |__|__|

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Date |__|__| |__|__| |__|__|__| Signature _____

- Enclosed bank cheque for € |__|__|__| , |__|__| payable to: Elsevier Srl

Banks must be instructed to make payments in Euro "in full" to ensure no commission or bank charges are deducted. Please remember to send a copy of the bank receipt along with the Registration Form.

- Early registration it is advisable. Number of participants is limited.
- Admission or non-admission will be communicated by email or fax within the September 1st 2010. Registration with payment will be required within July 10th 2010.
- If the payment is not booked in our account within the mentioned timetable, the reservation for participation in the chosen courses cannot be guaranteed.

CANCELLATION AND REFUND

- Cancellation received by July 31th 2010: 70% refund
- Cancellation received after July 31th 2010: no refund
- All cancellations must be in writing and faxed/emailed to the organization staff. If you are unable to attend, a substitute delegate is welcome at no extra charge. Please be sure that he/she can present identification and a letter from the registered participant. Refunds will be handled 4 to 6 weeks after the closing of the Course.