

ORGANISING COMMITTEE

Carolina Rubiella. RN, Nephrology
Ruben Iglesias. RN, Nephrology
José Ibeas. MD, PhD. Nephrology
Joaquim Vallespín. MD. Vascular Surgery
Anna Alguersuari. MD. Interventional Radiology

SUPPORT REQUESTED:

SEDEN. Spanish Society of Nephrological Nursing
ACIN. Catalan Society of Nephrological Nursing
GEMAV. Spanish Multidisciplinary Working Group on Vascular Access
S.E.N. Spanish Society of Nephrology
SEDYT. Spanish Society of Dialysis and Transplant
VAS. Vascular Access Society
EDTNA/ERCA. European Dialysis and Transplant Nurses Association/
European Renal Care Association

SCIENTIFIC COORDINATION:

Carolina Rubiella. Nephrology Department . CCSPT

FACULTY

Anna Alguersuari, MD. Interventional Radiology, UDIAT, CCSPT. Coordinator of the Interventional Radiology area of the Vascular Access Program

Jose Ibeas, MD, PhD. Nephrology, CCSPT. Coordinator of the Vascular Access Program. Parc Taulí Sabadell University Hospital, Barcelona. Vascular access working groups of the Catalan Society of Nephrology and the Spanish Society of Nephrology. Spanish Multidisciplinary Working Group on Vascular Access (GEMAV). Working group of Interventional Nephrology of the Spanish Society of Nephrology. International Committee of the American Society of Diagnostic and Interventional Nephrology (ASDIN). President elect of the Vascular Access Society (VAS).

Rubén Iglesias. RN. Nephrological nurse, CCSPT. Haemodialysis Consultant at EDTNA/ERCA - European Dialysis and Transplant Nurses Association/European Renal Care Association

Ingrid Marante, RN. Nephrological nurse, CCSPT.

Jana Merino, MD, PhD. Vascular Surgery, CCSPT. Certificate of Noninvasive Vascular Diagnosis (CDVNI) of the Spanish Society of Angiology and Vascular Surgery.

Eduard Pijuan. Radiology nurse, CCSPT

Ramón Roca, MD, PhD. Nephrology. Mollet Hospital. Barcelona. Coordinator of the vascular access working groups of the Catalan and Spanish societies of nephrology. Multidisciplinary Working Group on Vascular Access (GEMAV). Interventional Nephrology working group of the Spanish Society of Nephrology. Council of Vascular Access Society.

Carolina Rubiella RN. Nephrological nurse, CCSPT. Coordinator of the nephrological nursing area of the Vascular Access Program. Spanish Multidisciplinary Working Group on Vascular Access (GEMAV).

Joaquim Vallespín, MD. Vascular Surgery, CCSPT. Coordinator of the vascular surgery area of the Vascular Access Program. Spanish Multidisciplinary Working Group on Vascular Access (GEMAV).

Guest Faculty

Maria Teresa Parissoto. Chief Nurse Advisor Europe, Middle East, Africa, Latin America at Fresenius Medical Care.

COURSE SECRETARIAT

Ester Freixa
Fundació Parc Taulí
E-mail: efreixa@tauli.cat
Tel. +34 93745 82 38 (Schedule: from 10:00 to 13:00h)

REGISTRATION

Price: - Before September 15, 2018: 400 € + IVA
- After September 15, 2018: 450 € + IVA
(20% discount for VAS members)

Includes: Course attendance, documentation pendrive, coffee breaks, lunch and certificate of attendance.

Limited to 30 students. Places will be assigned in function of the order of registration.

Registration:

For Registration, send an e-mail efreixa@tauli.cat

Payment

Bank transfer to: Banc de Sabadell
ES69 0081-5154-22-0002103622

Cancellation:

Up to 10 days before the course starts. After this date, the registration fee will not be refunded.

ACCOMMODATION

Gran Hotel Verdi ****
Av. Francesc Macià, 62.
08206 - Sabadell

Room /day: 85 € (breakfast included)

Reservation and payment for accommodation must be made through the course secretary.

COURSE VENUE

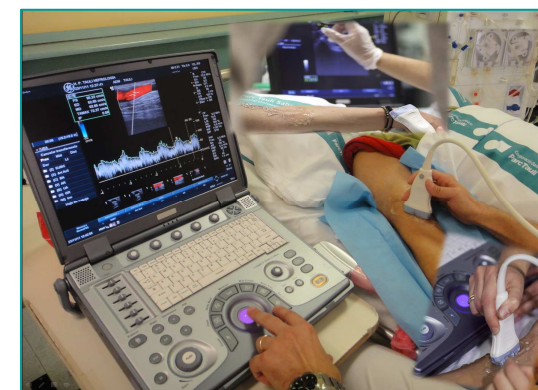
Auditorio Taulí nou
Consorci Corporació Sanitària Parc Taulí
Parc del Taulí, 1
08208. Sabadell

SPONSORED BY:



VII THEORETICAL AND PRACTICAL WORKSHOP ON ULTRASOUND IN VASCULAR ACCESS FOR NEPHROLOGICAL NURSING

(INTERNATIONAL EDITION)



November 26-27, 2018

Sabadell, Barcelona

Support requested :



Grupo de trabajo de
Acceso Vascular
de la S.E.N.

Program

AIMED AT:

Nephrology nurses

INTRODUCTION AND OBJECTIVES

The dysfunction warning signs of vascular access are specific, but not very sensitive, thrombosis and loss of angioaccess is frequent. At the same time, the difficult fistula to needle can hide pathology or a difficult path which can cause traumatic punctures and morbidity. These signs do not usually motivate radiological examinations and result in a late diagnosis.

That is why the use of ultrasound by nurses in the haemodialysis department can become a very useful tool for optimisation of needling and treatment. Working in a coordinated way with nephrologists, radiologists and vascular surgeons can result in a decrease in morbidity.

The objectives of the course are:

- Recognition of arteriovenous fistula (AVF) suitable for needling by means of screening of pathological AVF, detection of maturation parameters and anatomical variants.
- Flow measurement of AVF.
- Location of optimal needling area. US-guided puncture.

METHODOLOGY

1. Theoretical knowledge of basic principles of ultrasound, both physical and the use of instrumentation.
2. Theoretical and practical knowledge in order to recognise pathology in vascular access, to guide complex needling and perform flow measurement.
3. Practices will be carried out with ultrasound in patients with normal, pathological or complex cannulation of vascular access.

REQUESTED ACCREDITATION:

An application for “Consell Català de Formació Continuada de les Professions Sanitàries – Comisión de Formación Continuada del Sistema Nacional de Salud” has been made. *Pending.*

November 26

09:30 h Registration

09:45 h

Welcome and opening of the course

Carmen Díaz, RN. Nursing director. Corporació Sanitària Parc Taulí

Introduction and course objectives

Carolina Rubiella RN, Rubén Iglesias, RN

The nurse's role in vascular access

Maria-Teresa Parisotto, RN

How to avoid thrombosis of vascular access in prevalent patients

Ramón Roca-Tey, MD, PhD

11:30 h

Basic principles of Doppler ultrasound:

- **Physical principles of ultrasound**
Jana Merino Raldúa, MD, PhD
- **Ultrasound application to AVF**
Jana Merino, MD, PhD

13:00 h Lunch

15:00 h

Ultrasound scan prior to the creation of a vascular access:

- Anatomy of the vascular tree
- Physical and sonographic exploration
- Mapping for the first AVF
- Predictive factors of maturation
- Clinical cases

Joaquim Vallespín, MD

16:00 h

Ultrasound use. Technical considerations

Ruben Iglesias, RN

16:30 – 20:00 h

Workshop ultrasound practice

- Initiation in the use of ultrasound
 - B mode
 - Colour doppler
 - Spectral doppler
- Training in arterial and venous mapping

November 27

09:00 h

Ultrasound use by nurses in the vascular radiology department

Eduard Pijuan, RN

09:30 h

Use of ultrasound by nephrology in the dialysis patient "in situ"

- From the traditional parameters of vascular access monitoring to ultrasound.
- Diagnosis of arterial and venous pathology, thrombosis, pseudoaneurysms, collections and trajectory anomaly. Flow monitoring. Criteria
- Transfer to usual practice. Experience of a centre.
- Clinical cases

José Ibeas, MD, PhD

11:00 h Coffee break

11:30 h

Ultrasound, a new tool for nephrological nurses

- Approach of the complex AVF by nurses
- Guided cannulation
- Pathological AVF recognition
- Needling techniques. Buttonhole. VWING
- Flow monitoring
- Clinical cases

Carolina Rubiella, RN

12:30 h

Treatment of pathology in the AVF

Interventional approach:

- Angioplasty
- Thrombectomy
- Clinical cases

Anna Alguersuari, MD

Surgical approach:

- Repair of vascular access and complications
- Clinical cases

Joaquim Vallespín, MD

14:30 h Lunch

15:30 – 19:30 h

Workshop ultrasound practice on real patients

Hands-on practice with patients with normal vascular access, pathology, complex cannulation and buttonhole