

Dates of the activity:

January 31st 2020 , February 14th 2021 “Insights into the use of ultrasound in managing the vascular access for Hemodialysis”

Place of activity:

Italy: WEBINAR. The teachers are based in Cuneo (northern Italy), the audience is in Arezzo (central Italy)

Number of Participants:

Approx. 30 participants: nurses and physicians

Number of EDTNA/ERCA members participated in the activity

3 members: 1 nurse to organize and manage (B.A. for Italy), 2 expert nurses qualified in ultrasound techniques with a Master Degree at the University as lecturers

Promotional materials used during activity: Book: “HANDBOOK ON ULTRASOUND FOR VASCULAR ACCESS EXAMINATION” . (Italian version soon to be published)

Support from industry/companies: None

Goals of the activity:

1. To improve the knowledge on the use of ultrasound in a hemodialysis unit
2. To provide skills on the vascular Access for HD and use of the ultrasound
3. To create a relationship with the two experts as consultants

Short description of activity:

The webinar will include all ultrasound scientific principles, including waves and Doppler effect. It will also explore the anatomy of the vascular system of the arm. Arteries, veins and Fistula creation will follow. Then it will deal with the use of the ultrasound machine for the vascular access: ultrasound-guided needle placement, evaluation of the access problems and examples with images.

Living throughout this difficult pandemic period, we thought that we should look for some positive solutions to practical problems. After all, technology allows us to be closer and more connected. The biggest goal of the webinar is to create a continuous relationship with the two experts in order to help the staff to evaluate issues arising from everyday activity. They will be ready to answer nurses’ questions by using social networks such as a Whatsapp group and live-calls to show the ultrasound examination as if they were at the patient’s bedside to help the colleagues.