

Color Doppler Ultrasound of the Skin: Two- In- One, Anatomy and Function in Real Time

Background

Recent developments in the ultrasound field had allowed monitoring anatomical changes of the cutaneous layers in real time

Objective

The aim of the present workshop is to assess the capabilities of latest technology equipment and the common applications of this technique for evaluating skin functioning.

Methods

Provision of technical requirements and capabilities, including blood flow analysis, and monitoring focusing on common dermatologic conditions such as inflammatory diseases, wound/healing, cosmetic complications, and tumoral entities affecting the skin and nail. Clinical, sonographic (2D, 3D and live imaging), and also images from histologic sections will be used as reference to highlight the session.

Conclusion

At the end of the session the participants will acquire a practical approach for understanding the role of the state- of- the- art color Doppler ultrasound technique in the assessment of skin functioning on frequent dermatological conditions.