Cosmetic Courses
Teaching in medical aesthetics

BAAPS
ACCREDITED COURSE

Ultrasound in Plastic Surgery — One-Day Practical Course

Featuring: Dr. Noor Elbanna, Plastic Surgeon & Ultrasound Specialist (Cairo, Egypt)

Date: Sunday, 23rd November 2025

Location: Princess Risborough – Cosmetic Courses Training Centre, HP27 9LE

Faculty

- Dr. Noor Elbanna – Consultant Plastic Surgeon and Ultrasound Specialist, Cairo, Egypt
  MD, MSc (Plastic & Reconstructive Surgery), Certified Ultrasound Specialist (European Board of Aesthetic Medicine).
  Dr. Noor has extensive experience integrating ultrasound into aesthetic and reconstructive plastic surgery, with a focus on facial anatomy, implant assessment, and ultrasound-guided procedures.
- Mr Adrian Richards – Consultant Plastic Surgeon
- Mr. Ali Arnaout – Consultant Plastic Surgeon with a special interest in Ultrasound technology.
- Dr Natasha Aghtarafi – Interventional Radiologist
  Expert in diagnostic imaging and interventional radiology, providing insight into ultrasound interpretation, Doppler mechanisms, and AI-assisted diagnostics.

Course Agenda

08:30 – Arrival

Delegates arrive at Princess Risborough Cosmetic Courses. Registration and coffee.

08:30 – 09:00 | Welcome & Introduction

- Welcome coffee and introductions to the faculty.
- Overview of the course objectives and safety protocols.

09:00 – 10:00 | Introduction to Ultrasound Physics & Imaging Modalities

- Fundamentals of ultrasound physics and Doppler imaging.
- Understanding imaging modalities and ultrasound management in aesthetic and reconstructive practice.
- How AI technologies can assist in diagnosis and anatomical interpretation.
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- **10:00 – 10:30 | Equipment Demonstration – The Clarius Range**
- Live demonstration of the Clarius ultrasound systems, including:
    - Clarius L20 HD3 (High-Frequency Linear)
    - Clarius L15 HD3 (General Linear)
    - Clarius C3 HD3 (Curved Array for Body Imaging)
    - Clarius EC7 HD3 (Endocavity Probe)

- Discussion of each system's pros and cons, suitability for aesthetic vs. reconstructive work, and integration with AI-based support tools.
- Practitioners are encouraged to bring their own ultrasound devices for comparison and hands-on evaluation.

10:30 – 11:00 | Coffee Break

11:00 – 12:30 | Interactive Facial Ultrasound Training (Live Models)

- Hands-on scanning with faculty guidance.
- Focus on:
    - Superficial and deep facial muscles
    - Facial fat pads and ocular musculature
    - Ultrasound-guided injection and dissection planning

12:30 – 13:30 | Lunch & Networking

- Buffet lunch provided.
- Open discussion with faculty, delegates, and support team regarding practice integration and clinical cases.

13:30 – 14:45 | Breast Ultrasound Demonstration & Pathology

- Practical scanning session focusing on breast ultrasound.
- Live models and patients
- Identification of:
    - Capsule assessment- thickness, contracture
    - Implant shell analysis- ripples, rupture, folds
    - Signs of malrotation or rupture
    - Guided tissue expander inflation

- Emphasis on diagnostic interpretation and comparison between probe types.

14:45 – 16:30 | Body Ultrasound & Seroma Management

- Focus on subcutaneous tissue, seroma diagnosis, and guided drainage.
- Demonstration of live drainage capabilities using the Clarius system.
- Identification of small seromas and guided aspiration techniques.
- AI-assisted imaging support demonstrated through the Clarius Live Radiologist Support platform.

Throughout the Day | Practical Format

- Small group learning: 4 delegates per station for optimal hands-on experience.
- Delegates will learn to:
    - Set up and optimise ultrasound machines
    - Identify and interpret key anatomical structures
    - Utilise AI for enhanced image understanding
    - Convert grayscale images into intuitive, labelled 3D graphics

16:30 | Course Close & Certification

- Summary discussion and Q&A with faculty.
- Certificate of completion awarded.
- By the end of the course, participants will be able to:

    - Confidently scan and interpret breast and body structures
    - Accurately identify facial musculature and injection planes
    - Integrate AI-enhanced ultrasound tools into their clinical workflow

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