

MASTERCLASS IN NANO AND MICRO FAT GRAFTING



Art & Science of Nano & Micro Fat Grafting

Redefining Aesthetics with Nano & Micro Precision



Accredited certificate from Canadian Academy of Cosmetic Surgery and Aesthetic Medicine



Experience the latest evidence-based curriculum, combining cutting-edge techniques with clinical case



Convenient online mode of study, access anytime from anywhere



Life time access to lectures recording on Youtube

COURSE HIGHLIGHT

- **Comprehensive Training** – covering fundamentals, advanced techniques, and regenerative applications
- **Expert Faculty** – learn directly from internationally renowned specialists in fat grafting and regenerative medicine
- **Latest Techniques** – nano & micro fat processing, injection protocols, and combination therapies (PRP, stem cells)
- **Clinical Applications** – facial rejuvenation, scar revision, contour correction, intimate health, and regenerative medicine
- **Complication Management** – prevention, recognition, and effective treatment strategies
- **Interactive Case Discussions** – evidence-based learning through real-world cases
- **Certification** – accredited Certificate of Completion to enhance your professional profile
- **Networking Opportunities** – connect with global experts and peers in aesthetic and regenerative medicine

ABOUT THIS COURSE

The Masterclass in Nano and Micro Fat Grafting is a comprehensive, advanced training program designed to equip medical professionals with the latest knowledge and practical skills in regenerative fat transfer techniques. This course bridges science and practice, offering participants an in-depth understanding of adipose tissue biology, fat harvesting, processing, and precise grafting methods.

Through a blend of lectures, live demonstrations, and hands-on training, participants will gain the confidence to perform safe and effective nano and micro fat grafting for both aesthetic and reconstructive applications. The course emphasizes evidence-based protocols, innovative approaches, and complication management to ensure patient safety and optimal outcomes.



Pdf Study Resources, Slides and videos of lectures upon Course Completion



Special Discount For Group of Doctors Registration



13 - 14 September, 2025



Online



925 AED (250 USD)

For Registration

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COURSE MODULES

Module 1: Foundations of Fat Grafting

- History and evolution of fat grafting
- Key differences: Microfat vs. Nanofat
- Biological basis of adipose tissue and regenerative potential
- Indications and limitations

Module 2: Patient Selection & Preoperative Planning

- Patient assessment and suitability
- Contraindications and risk factors
- Mapping treatment areas
- Pre-procedure protocols

Module 3: Harvesting Techniques

- Donor site selection (abdomen, thighs, flanks, etc.)
- Infiltration techniques (tumescent solution)
- Liposuction cannulas: types & sizes
- Gentle aspiration methods for viable fat

Module 4: Processing & Preparation

- Centrifugation, filtration, and washing techniques
- Differences in preparation of microfat vs. nanofat
- Use of filters, emulsification, and mechanical processing
- Maintaining cell viability

Module 5: Injection Techniques

- Principles of graft survival and integration
- Cannula vs. needle use
- Layered micro-droplet technique

- Regional approaches: face, periorbital, lips, scars, hands, breast, buttocks
- Avoiding complications (vascular occlusion, asymmetry, nodules)

Module 6: Nanofat in Regenerative & Aesthetic Medicine

- Role of nanofat in skin rejuvenation
- Scar management (acne, burn, surgical scars)
- Stretch marks, radiation damage
- Combination with PRP, stem cells, exosomes

Module 7: Safety, Complications & Management

- Common risks (oil cysts, fat necrosis, over/under correction)
- Preventing embolism and vascular compromise
- Emergency protocols and complication handling
- Long-term follow-up strategies

Module 8: Advanced & Combination Approaches

- Hybrid fillers: nanofat + HA fillers
- Fat grafting with energy devices (microneedling, RF, laser)
- Combining fat grafting with surgical procedures (facelift, blepharoplasty, breast surgery)
- Future directions: cell-assisted fat transfer, tissue engineering

Module 9: Practice Building & Ethics

- Setting up a fat grafting practice
- Patient communication & informed consent
- Marketing regenerative and natural procedures
- Ethical considerations and evidence-based practice

WHY TO ATTEND

- Learn cutting-edge techniques in nano and micro fat grafting from international experts.
- Gain hands-on training with live demonstrations and supervised practice sessions.
- Understand the science of adipose tissue and regenerative medicine for improved patient outcomes.
- Master both aesthetic and reconstructive applications of fat grafting.
- Enhance your practice with minimally invasive, natural, and long-lasting solutions for facial and body rejuvenation.
- Stay ahead with the latest innovations, evidence-based protocols, and global best practices.
- Receive an internationally recognized certificate to strengthen your professional profile.

WHO SHOULD ATTEND

- Plastic Surgeons – advancing precision in grafting techniques
- Dermatologists – adding regenerative aesthetics to their practice
- Aesthetic & Cosmetic Physicians – offering minimally invasive solutions
- Maxillofacial & Oculoplastic Surgeons – refining reconstructive outcomes
- Gynecologists & Urogynecologists – exploring regenerative applications in intimate health
- Residents & Fellows in Surgical and Aesthetic Specialties – building advanced skills early
- Licensed Medical Practitioners with an interest in regenerative and fat-based therapies

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