

Versah[®]

Osseodensification

Level 1 – A Densah[®]

Hands-on Course

Building the Foundations for Lasting Implant Outcomes

Finland's first Versah[®] Densah[®] course | Limited to 18 participants

FULL-DAY COURSE

Helsinki
12 February 2027



Course instructor:

Ilkka Pallonen

D.D.S., Maxillofacial Surgeon, ITI Fellow



Course overview

Lasting implant outcomes begin with the tissues that support the implant and its restoration.

This course is a full-day course exploring the scientific foundations and clinical applications of osseodensification using Versah® Densah® burs. Participants will examine how bone preservation, implant site preparation and clinical decision-making contribute to a treatment plan designed for long-term biological health, function and aesthetics.

The course reflects SPAcademy's philosophy: **"Nothing is accidental."** Treatment planning, surgical technique and the biological response of the tissues must work together. Through scientific evidence, clinical cases and supervised practical exercises, participants will explore how osseodensification can contribute to more predictable treatment and understand the indications and limitations that guide its use.

"Never settle" expresses a commitment to continuous learning and critical evaluation: understanding what benefits the patient, why it works and when it is appropriate.

Practical training begins before lunch, allowing participants to apply the core principles early in the day before progressing to further clinical applications. With attendance limited to 18 clinicians, the course provides time for individual guidance, discussion and practical feedback.

Clinical perspective

"For me, the most important task in implant surgery is to build reliable hard and soft tissue foundations for the future restoration. We should plan decades ahead, aiming for tissues that support lasting function and aesthetics. Durability and aesthetics can reinforce one another when treatment is grounded in sound biological principles.

In my clinical practice, osseodensification has become a valuable tool across a range of surgical techniques, helping me reduce morbidity and treatment time. This course brings together the evidence, clinical reasoning and practical techniques to help you incorporate osseodensification into your daily practice and translate what you learn into better care for your patients."

— Ilkka Pallonen

Learning objectives

By the end of the course, participants should be able to:

1. **Explain the scientific basis of osseodensification**, including compaction autografting, and critically discuss the biomechanical, histological and long-term clinical evidence.
2. **Describe how Densah® burs interact with bone**, including the principles of bone preservation, controlled plastic expansion and implant site preparation.
3. **Select an appropriate preparation protocol** according to bone quality, site anatomy, implant system and clinical indication, using the relevant Versah® drilling reference guide, and explain the role of Densify After Cut (DAC).
4. **Discuss the indications, limitations and procedural sequence** for subcrestal sinus autografting, lateral ridge expansion, immediate implant placement, molar septum expansion and Guided Expansion Graft using a two-stage approach.
5. **Demonstrate core osseodensification techniques under supervision** on bone specimens and simulation models, including osteotomy preparation, lateral ridge expansion and transcrestal sinus elevation.
6. **Explain how osseodensification relates to the development of implant stability**, and discuss its relevance to early and immediate loading decisions within the overall clinical assessment.
7. **Identify patient- and site-related risks**, recognize situations requiring an alternative approach, and describe strategies for complication prevention and management.
8. **Integrate osseodensification into restoratively driven treatment planning**, considering hard and soft tissue requirements, long-term biological health, functional durability, aesthetics and patient morbidity.

Agenda

Time	Session
9:00–10:00	Nothing Is Accidental: Biology, Evidence and Treatment Planning — Scientific foundations of osseodensification and compaction autografting. Key biomechanical, histological and clinical evidence. Connecting implant site preparation with the intended restoration and its tissue foundations.
10:00–10:15	Coffee break
10:15–11:00	Clinical Protocols I: Core Principles and Osteotomy Preparation — Densah® bur design and operating principles. Selecting drilling sequences according to bone quality and implant system. Implant-specific drilling reference guides, Densify After Cut (DAC) and preparation for practical training.
11:00–12:00	Hands-On I: Core Technique and Osteotomy Preparation — Supervised practice on bone specimens and simulation models. Instrument handling, tactile feedback, drilling sequences and adaptation to bone conditions, with individual guidance.
12:00–12:45	Lunch
12:45–14:00	Clinical Protocols II: Clinical Applications and Site Development — Lateral ridge expansion; Guided Expansion Graft using a two-stage approach; immediate implant placement; molar septum expansion; and transcrestal sinus elevation with subcrestal sinus autografting. Case-based discussion of indications, anatomical requirements, procedural sequences, limitations and complication prevention.
14:00–15:15	Hands-On II: Lateral Ridge Expansion and Site Development — Guided practical exercises in controlled expansion and osteotomy preparation. Selecting and applying protocols in simulated clinical situations, with individual feedback on technique and anatomical limitations.
15:15–15:30	Coffee break
15:30–16:30	Hands-On III: Transcrestal Sinus Elevation — Supervised simulation of the clinical protocol. Instrument control, procedural sequence and recognition of technical limits. Troubleshooting and individual technique review.
16:30–17:00	Round-Up: Key Points and Q&A — Case selection, protocol choice, tissue preservation and complication prevention and management. Relating implant stability to loading decisions and long-term restorative goals. Participant questions and practical takeaways for clinical practice.

Course info

Date: Friday, 12 February 2027
Time: 09:00–17:00
Venue: VALO Hotel & Work,
 Mannerheimintie 109, Helsinki, Finland

Format: Three hours of lectures and clinical case discussion, three hours and fifteen minutes of supervised hands-on training, and a thirty-minute closing review and Q&A.

Course fee: 790 eur (incl. VAT)
Seats available: 18
Registration deadline: 8 January 2027

Registration

unident.fi/kursseja

In collaboration with:



Tel. +358 20 177 2300 | info@unident.fi | unident.fi

