

simple

compatible

unique

SimPlant® Academy

Ann Opsomer, Secretary General of the SimPlant® Academy

SimPlant Academy is the educational wing of Materialise Dental and a worldwide community of renowned experts in 3D Digital Dentistry. The Academy is committed to guaranteeing high-quality education in different flavors, languages and geographical regions all over the world.

Given the growing need for a more diversified course offer, we have radically changed our educational concept. By setting clear course objectives and definitions, we want to help you find the right course that addresses your specific needs.

SimPlant CompatAbility

Our SimPlant CompatAbility business model includes a range of solutions for computer guided dentistry: for implant practices, dental laboratories as well as oral and maxillofacial surgeons.

This technology is uniquely compatible with the implant brands, scanners and equipment that you already use and know and allows you to optimize your patient care by offering simple, predictable and profitable solutions.

User-friendly and hands-on

All of our courses are constantly updated to the newest realities in 3D Digital Dentistry; they are practical, clinically relevant and hands-on, allowing you to transfer course contents immediately into practice. One-to-one clinical support is on hand, if needed. Our course offering also addresses dental laboratories and we collaborate with renowned universities worldwide for educational purposes.

In this brochure you will find a description of the different course types organized by the SimPlant Academy. Our courses can take place in dental practices (allowing us to include live surgery), service centers,

the local Materialise Dental office or even online, whatever suits you best. For up-to-date information on dates, prices and registration please check our website www.simplantacademy.org. Check with your local office if accreditation applies to the course of your choice!

SimPlant Academy Certified

On www.simplantacademy.org, you will also find information about SimPlant Academy Certified courses, organized by third parties such as official Materialise Dental distributors or service centres, institutes and private practices. The Academy also certifies computer guided dentistry courses organized by our partners in the implant industry.

All certified courses meet the high-quality standards we set for our own courses and can be recognized by the SimPlant Academy Certified logo.

Would you like to start giving your own courses or are you interested in getting your own courses certified? Contact us at info@simplantacademy.org!



Check our global training schedule at www.simplantacademy.org or contact your local office for more information on courses in your neighborhood:

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Dentistry Inspired by the Third Dimension!

SimPlant Academy
2009 World Conference

SimPlant Academy World Conference Monterey, CA, 25-27 June 2009

Join us in gorgeous Monterey for the leading educational and scientific event in 3D Digital Dentistry! Check our website for the full program and registration details!

www.materialisedental.com
www.simplantacademy.org

SimPlant® Academy

Stay one step ahead with 3D Digital Dentistry

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GETTING STARTED

Course Description and Prerequisites

You have little or no experience using SimPlant 3D digital visualization software and SurgiGuide drill guides, which accurately transfer your planning onto your patient. Learn to use this technology to your benefit and still work with your favorite implant brands and scanner. Step by step, we will take you through the entire process – from scan, to plan, to guide – and teach you everything you need to know to get started!

Participants master basic computer skills.

Course Objectives

Upon completing this course you will be able to:

- Assess your patient's anatomy in 3D
- Read (CB)CT images and navigate between 2D and 3D views
- Highlight vital structures, such as the alveolar nerve
- Use the implant library and pre-select your favorite implants
- Place realistic implants and abutments, and adjust their position
- View and analyze bone density
- Know which case requires a tooth-, bone- or mucosa-supported drill guide

NEXT STEP

Course Description and Prerequisites

You already "got started" some time ago and want to expand and refine your knowledge in 3D Digital Dentistry. Experienced colleagues will share their clinical knowledge with you and show how they've integrated this technology into their practice. Learn from their successes and get yourself to the next level in no time!

Participants have taken the "Getting Started" course or already master the above-mentioned skills by own experience.

Course Objectives

Upon completing this course you will be able to:

- Parallel and align implants
- Use the powerful 3D view with clipping feature to view inside the bone
- Use the collision detection tool
- Visualize the most ideal alignment of underlying implants using the virtual teeth tool
- Simulate grafts using the bone grafting tool
- Design your SurgiGuide drill guide according to your own preferences



GETTING STARTED

Course Description and Prerequisites

Materialise Dental and worldwide scan processing centers can provide you with in-depth 3D access to your patient's CT images by converting the scan files into 3D SimPlant files. However, it might be interesting for you to learn how to do this yourself. Maybe you have a scanner in your office, or maybe you just want to save precious time. By learning to use a simple wizard, you'll find that it really isn't that complicated!

Participants are, or are interested in becoming, SimPlant Pro or Master users. This course is often organized as an add-on to Computer Guided Implant Dentistry courses.

Course Objectives

Upon completing this course you will be able to:

- Convert 2D images into 3D images
- Remove artifacts and scatter
- Separate opposing arches, the mandible or maxilla and the scan prosthesis if applicable
- Draw a panoramic curve
- Know the difference between single and dual scan guidelines
- Enhance the quality of your 3D image

NEXT STEP

Course Description and Prerequisites

You're a perfectionist! You already know how to create a rough 3D image, but you want to go further. You want to create highly sophisticated 3D images, with nicely separated tooth roots, smooth surfaces and detailed 3D objects. Take some time, learn the details, we'll make you shine!

Participants have successfully completed the "Getting Started" course.

Course Objectives

This course gets you to an advanced level, refining the skills attained in the "Getting Started" course.



GETTING STARTED: ORAL AND MAXILLOFACIAL SURGERY

Course Description and Prerequisites

SimPlant offers dental professionals a highly accurate and totally integrated 3D dental implant treatment tool. SimPlant OMS reaches a next level in 3D Digital Dentistry, taking SimPlant beyond implant planning toward interactive 3D diagnosis and treatment in orthognathic surgery. It offers the full spectrum of 3D diagnostic and simulation tools to allow accurate planning of even the most complex orthognathic cases.

This course is intended for clinicians who wish to know more about SimPlant OMS, the new standard for orthognathic surgeons who want to increase their revenues, work more efficiently, plan more predictably and accept more complex cases and patient referrals than they ever thought possible.

Course Objectives

Upon completing this course you will be able to:

- Perform accurate 3D cephalometric analyses
- Create a custom 3D analysis
- Visualize highly detailed tooth information from digital models to calculate post-surgery occlusion
- Simulate surgery using easy-to-use wizards or custom cutting tools
- Simulate soft tissue movement
- Superimpose digital photographs on CT data
- Transfer your planning to the patient using digital wafers or splints