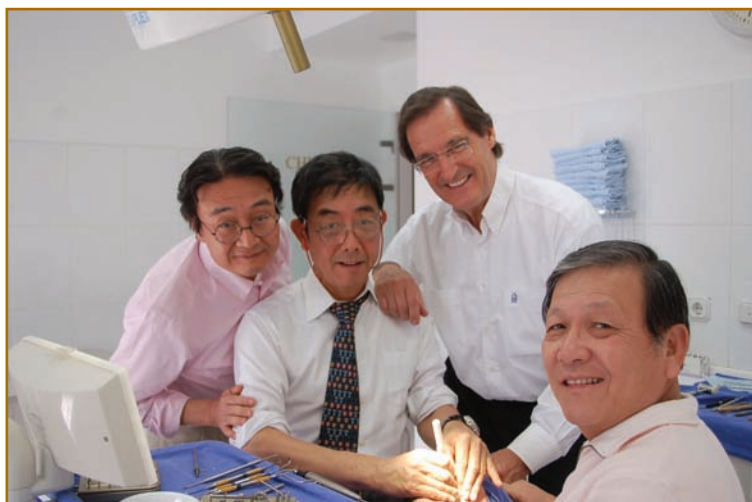


### PART B – SURGICAL TRAINING AT THE PHANTOM



Dentists from Japan

**Dr. Tamotsu Kinoshita,  
(Kobe), Dr. Yorihiko  
Kumamoto (Kyoto),  
Dr. Hiroshi Yura (Kobe)**



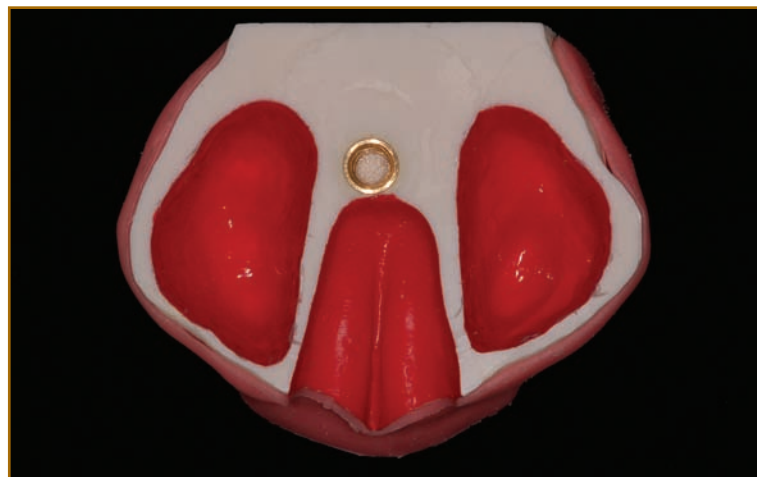
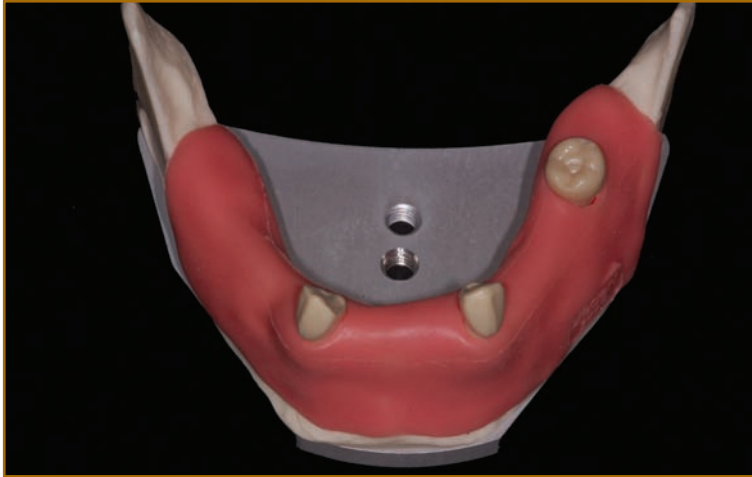
Due to my experience as head of the International Training Center for Dental Implantology – IFZI – in Nürnberg it became clearly evident that there is a need for practical training on the fake patient both in implant prosthetics and implant surgery. Until today implantology education is overly theoretical and does not enable the graduate to successfully place implants afterwards. The few practical implant exercises at the pig jaw or another dissection or hands-on-training are not applicable at the treatment of patients under surgery conditions.

Implant surgery – mainly the preparation of bones – needs a very special practical handling which has to be learnt and trained, not at the patient, but – at the implantation simulator, comparable to the pilot training at the flight simulator.

Just imagine if you were dismissed into traffic and had only passed the theory aspect of your driving test! For this reason we have developed implant models for the upper and lower jaw in IFZI in Nürnberg which recreate the anatomy of a classic implant patient with reduced remaining dentition.

## SURGICAL TRAINING AT THE PHANTOM

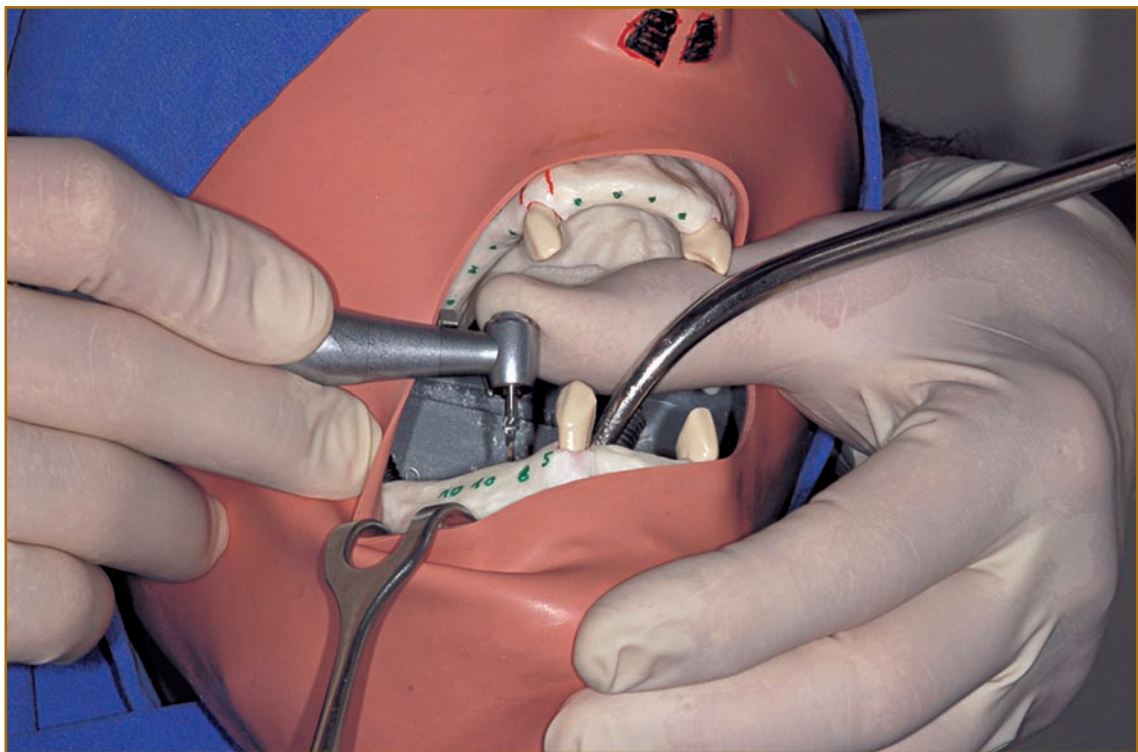
Comparable to the training of the students at the phantom head these models are installed in a fake patient on the operation chair. At the bone preparation it is paid attention from the beginning to two-handed work and three-dimensional viewing direction, to be able to place the implant without the help of drilling templates and expensive pre-implantology diagnostics.



## SURGICAL TRAINING AT THE PHANTOM



11:00 o'clock – Sitting position for lower jaw implantation

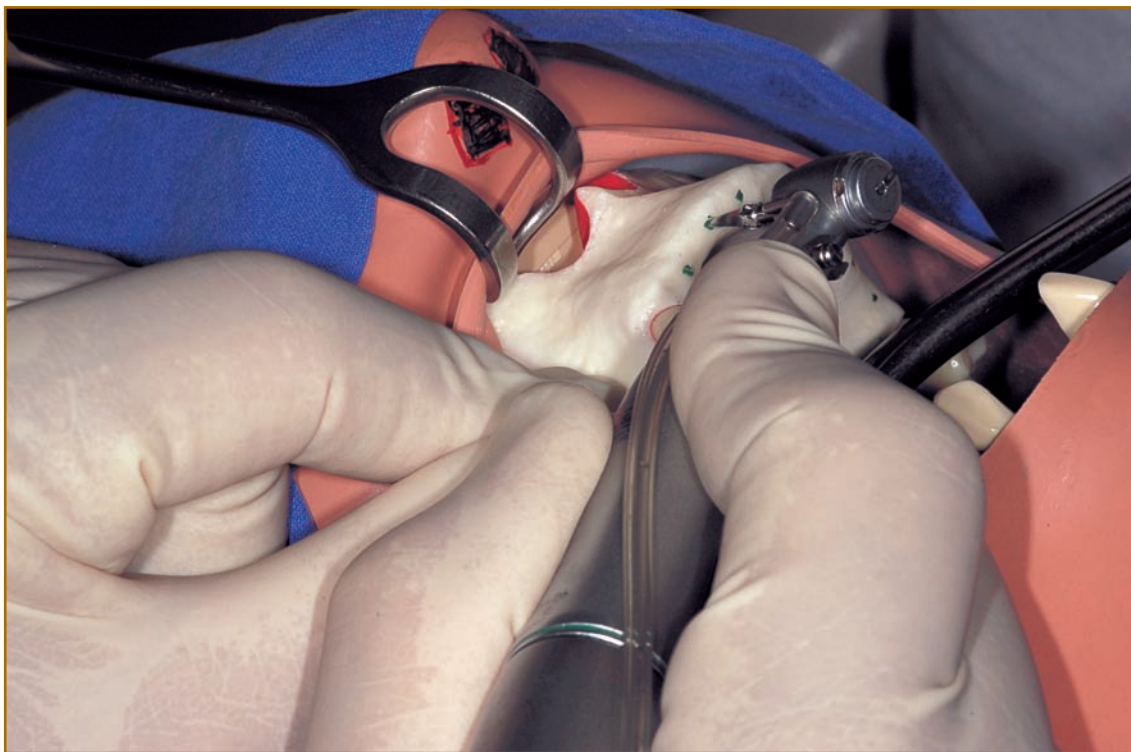


Hand posture in the lower jaw

## SURGICAL TRAINING AT THE PHANTOM



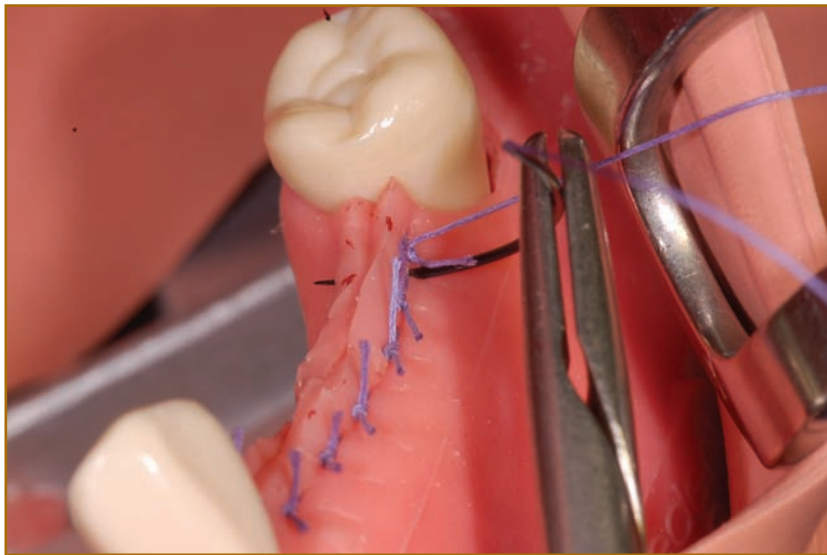
9:00 o'clock– Sitting position in the upper jaw



Hand posture in the upper jaw

### Training at the phantom

From different suture techniques to the surgical gingivamanagement at the opening of the implant, from the single-tooth immediate implant with augmentation and membrane technology up to the indirect and fenestrated sinus lift. All indications can be trained at the phantom with different levels of difficulty in mind.



Mattress suture in  
the lower jaw

Cutting guide

