Abstract SIO 2012

“Long term results after complex surgical and prosthetic treatements: clinical evidence and daily practice” A.Ponte, Rivoli (To)

In planning implant-supported rehabilitations, it is essential to focus on the overall restorative results, even when extensive amounts of bone have been lost. When hard and soft tissues are present in sufficient quality and quantity, implant(s) can be placed and prostheses created that facilitate proper function and esthetics while maintaining long-term peri-implant tissue stability.

Today alveolar bone at three-dimensional defect sites can be reconstructed using a variety of techniques. However, dehiscences of the reconstructed area and wound failures can compromise both esthetic and functional results.

Being able to place the implant(s) in the correct three-dimensional position is indispensable for achieving long-term success. A *sine qua non* for successful bone transplantation is understanding and respecting the physiology of every stage of treatment. Reproducible results can only be achieved if osteoblasts at the graft site are given sufficient time to form tissue and the regeneration processes can be completed. Additionally, the prosthetic restoration must satisfy all the demands of esthetics and functional loading criteria.

The presentation exemplifies cases which the patient’s anatomical situation necessitated treatment with complex procedures that were subdivided into several phases. Long term success results (after 5 years of functional loading) will be clarified by proper statistics based on objective radiografical analysis.