In daily practice most of us strive for predictable high-end results. That is why in implant dentistry we want to achieve:

1. Surgical strategies making bone grafting successful and without complications.
2. Soft tissue manipulation that guarantees results.
3. A systemised approach to delivering the high-end results we strive for.

An anterior maxilla front case with a seemingly insolvable starting position will be presented which shows all three features by using the PPF (Periosteal Pocket Flap) technique for fulfilling the PASS-principle (Primary wound closure, Angiogenesis, Stability and Space maintaining) for predictable bone regeneration with the use of MinerOss in combination with a Mem-Lok membrane, collaplug and a Camlog implant.

Finishing the case with a predictable computer designed temporary crown and a final crown which follows the design of the temporary crown.

(2) PASS-Principle for predictable bone regeneration; Wang H.L. and Boyapati L.; Implant Dent. 2006

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**Introduction**

A young, healthy woman, 23 years of age, who had several problems: her tooth had recently been taken out, she was wearing a flipper, “never ever an implant possible because there is no bone,” the former implantologist told her.

**Surgery**

In the first surgery the goal was to restore the bone and add some keratinised gingiva. After opening with PPF technique, the residual bone was cleaned, leaving a severe palatal bone defect in combination with a buccal bone defect. This class-3 bone defect was filled with MinerOss and covered with a Mem-Lok membrane. The Mem-Lok membrane was stabilised with stitches from the palatal mucosa to the buccal periosteum. With a collaplug on top to get a semi-closed healing.

The second surgery after six months showed a well re-established alveolar bone. There was enough bone to place a Camlog 3.8 diameter implant with a healing abutment.

**Prosthetics**

After 16 weeks a soft-tissue plaster model was made out of an implant level, closed tray impression to produce both temporary and definitive crown. Temprary crown made by CAD-Cam design (Forma CAD Transitional, Elysee Dental) on a Camlog standard titanium abutment. Definitive crown Forma, Elysee Dental made with a duplication of the emergence profile of the temporary crown and a porcelain finish on the buccal side.

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I'm very happy with my treatment.
I can smile again!