Introduction

Overdenture stability is a big problem for many edentulous patients, however they often don’t have the means for a fixed restoration such as SKY fast & fixed with a reduced number of implants or a traditional implant borne solution with many implants. In these cases we need to offer our practices a reliable therapy to fix and stabilise the overdenture with a limited number of implants. The combination of TiSi.snap with retention.sil is able to offer this solution. Due to the flexibility of the silicone material in combination with the significant undercut feature of the TiSi.snap, balancing of the overdenture is prevented.

Case description

A 55 year old edentulous women, who was seeking a fixed restoration, visited our practice. After discussing treatment possibilities and her financial budget, we decided to opt for a fixation of the existing denture using TiSi.snap and retention.sil. Two blueSKY implants were placed and, after the three month osseointegration process, the TiSi-snaps were placed in the reopening. We immediately prepared the cavities in the denture for rentention.sil application. After primer application and necessary drying time, the retention.sil was applied and the prosthesis placed in the mouth of the patient to harden the silicone. The excess silicone material was removed and then the patient was free to leave the practice. Once acclimatised to the new feeling of the more effective, fixed prosthesis, the patient is now satisfied. Especially as the lip support was considerably improved.

Conclusion

TiSi.snap in combination with retention.sil is a reliable method to improve prosthesis fixation for edentulous patients. We will therefore employ this method more routinely in our practice to fix removable dentures for patients with limited financial resources.