

SCD

Case Study

December 2017

Patient treated by Dr Derek Bingham BDS.
Principal Dentist at Moira Cosmetic Dental.

Introduction



Preoperative condition of the patient

The patient presented with 12 missing teeth which had been extracted approximately 15 years earlier. He also required treatment for tooth wear and caries.

The patient was a heavy smoker with poor oral hygiene and upon assessment he was found to have a bleeding score of 63%. He experienced difficulty in eating due to a lack of posterior support.

He rated his smile 1 out of 10, wanted the spaces restored and was desperate to achieve a more natural and whiter smile. He had previously worn a denture and wished to replace this with a fixed prosthesis.

Technical detail

The case involved complex crown and bridgework on natural teeth UR 2-1 and UL 1-2-3 and implants UR 6-5-3, UL 4-5, LR 7-6 and LL 6-7. These crown and bridge units were provided in Porcelain-Fused-to-Metal (PFM).

Composite build ups were provided on the lower anterior teeth.



Techniques the dentist used which assisted the case

A facebow registration was provided to allow the case to be mounted on a semi-adjustable articulator.

Open tray silicone impressions were taken and both arches were restored simultaneously.



Dentist and patient feedback

Dr Bingham provided the following comments on the case upon completion:

“I am delighted with the ceramic work - the fit was perfect and the aesthetics were very natural. The patient’s main delight is that his friends and family were complimentary of the appearance and natural look.”

“One of the most satisfying aspects of this case has been the vast improvement in the patients bleeding score and oral hygiene. The bleeding score was reduced to 7% through intensive periodontal treatment with the hygienist and the introduction of a home routine. The patient has also reduced his smoking to less than ten daily.”

“His reduction in smoking and a renewed interest in his own oral hygiene are both very pleasing. At the patient’s fit appointment, before I had even tried in the restorations, the patient was asking how he could floss! He has seen the hygienist for one hour since the fitting of the restorations to reinforce the techniques and tools he needs to maintain periodontal health.”

“The patient is delighted and feels like he has adjusted to his ‘new teeth’ well and is reporting no problems.”

Southern Cross Dental would like to thank Dr Derek Bingham, Moira Cosmetic Dental, UK for his contribution to this article.