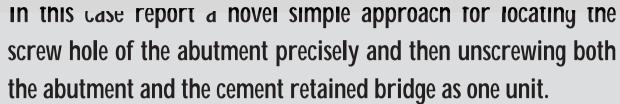


Retrieval of Cement-Retained Implant Bridge "A Case Report"

Adnan Alfahd¹, Mohamed Farouk², Iman Radi³

PROCEDURE



- 1. The exact position of the screw hole was identified by using resin index with impression post on the patient's cast.
- The impression post was removed and the resin index was 2. transferred to patient's mouth.
- The access hole position was marked with a soft marker to 3. locate the exact screw position.
- Drilling with a high speed bur was performed until 4. reaching the abutment screw to retrieve the cemented bridge.
- After managing the cause of prosthetic screw loosening, tighten the screw again.
- Fill the small hole with composite restoration. 6.



Master cast with impression coping posts



Resin index over impression post



reoperative occlusal view



on scrau

This simple method could provide a predictable method for retrieving cement retained implant bridges, especially after permanent cementation while maintaining the integrity of both implant fixture and superstructure prosthesis.

REFERENCES

1. Arora, A., Upadhayaya, V., Mittal, S. & Goyal, I. Techniques for retrievability of cement retained implant prosthesis. 4, 2-5 (2014).

2. Buzayan, M. M., Wan, M., Azina, A. & Mahmood, B. A simple procedure for retrieval of a cement-retained implantsupported crown : A case report. 1-4 3. Wittneben, J.-G., Millen, C. & Brägger, U. Clinical Performance of Screw- Versus Cement-Retained Fixed Implant-Supported Reconstructions— A Systematic Review. 29, (2014).

BACKGROUND

Repeated screw loosening is one of the most common complications in implant prosthodontics. It is easier to retrieve the screw in screw retained prosthesis. However it is more difficult with prosthesis cement-retained especially after permanent cementation.^{1–3}

KEYWORDS:

Cement Retained Implant Bridge, Screw Loosening and Retrievability.

¹ Assistant Lecturer of Prosthodontics, Faculty of Dentistry, IBB University.

² Lecturer of Prosthodontics, Faulty of oral and Dental Medicine, Cairo University.

³Associate Professor of Prosthodontics Faulty of oral and Dental Medicine, Cairo University.

Soft marker to locate exac hole position



Drilling till reachin abutment screw





Fill the hole with composi restoration

CONCLUSION