A personalized oral hygiene instruction form

Najla Chebib, Sara Gonçalves Lopes Rotzinger, Nadia Maccarone-Ruetsche, Frauke Müller

Introduction

Individuals presently more often retain their teeth later in life and some have complex prosthetic reconstructions. Medical events such as a stroke or a fall can put the patient rapidly in a state of dependency putting at risk their oral health. The knowledge of caregivers about oral health is limited and does not include the complexity of routine dental prosthetic treatment.

Examples of smiles on top of prosthetic reconstructions on implants

90 y old, prosthesis kept in for 3 month

Innovation: A Software App

How it works?

1. Patient sees the dentist
2. Dentist uses the app
3. Hands the prescription
4. Caregiver/patient follows instructions

Advantages

For caregivers
• Clear and concise instructions
• Time needed to conduct care is defined hence saves time

For patients
• Fewer nutritional problems due to tooth loss
• Reduces chronic inflammation and infection and its incidence on general health
• Reduces future dental bills

For dentists
• Improvement in preventive dentistry
• Longer lasting reconstructions
• The fee is around 40CHF.

For the society
• Is in accord with UN sustained development goal #3 supporting good health and well-being

Conclusion

Funding will enable us to create a well designed, maintained, tested and accessible on all devices app. Legal and logistic support is needed to define terms and conditions for dentist and ensure compliance with regulations pertaining to medical devices.