



Editor:
Pinpinut Wanichsaihong,
Chiang Mai University, Thailand.

Received: March 2, 2022
Revised: September 30, 2022
Accepted: October 31, 2022

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Case Report: Prosthesis (Complete Denture) for Communication and Behavioral Impaired Dementia Patient

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Abstract

Aim: To describe the procedures for complete denture fabrication in dementia and behavioral impairment patient and how to manage the case holistically.

Methods and Results: The patient was a 77-year-old woman diagnosed with moderate dementia, Alzheimer's disease with Behavioral and Psychological Symptoms of Dementia. The patient lost her previous complete dentures. She had signs of agnosia, communication problems and behavioral control. These aspects increased the difficulty in her daily life activities and in providing dental treatment. Our goal was to restore her oral function and to improve her overall general health by fabricating new complete dentures. An online consultation was used to oversee the behavioral management, adaptation in posture, and techniques in prosthodontic procedures between the postgraduate dental student providing this treatment and the prosthodontic specialist in an academic institute while they were in different places. The dental treatment in this case was provided holistically and patient-centered, the dental treatment outcomes were achieved through the follow-up visits.

Conclusions: This case study revealed that a dementia patient could receive appropriate dental treatment in cooperation with the care team to maintain her oral health function. Behavioral management could be performed using non-pharmacological methods. After delivering the denture, the patient's nutritional status and the quality of life largely depends on the caregiver when the dementia progresses.

Keywords: Alzheimer's disease, behavioral management, caregivers, complete denture, holistic health