

## **Title**

### **Long-standing temporomandibular joint dislocation in patient with Parkinson's disease: a case report**

Name: Pornwit Prapa-anantachai

Affiliation: Dentist, Expert level, Department of Dentistry,  
Sisaket Hospital, Sisaket Province

Country: Thailand

Email ID: [pornwitpp007@gmail.com](mailto:pornwitpp007@gmail.com)

## **Abstract**

Temporomandibular joint (TMJ) dislocation is the condition of the mandibular condyle moving out from glenoid fossa of temporal bone, which represented about 3% of all reported dislocated joints in the body. It can occur during daily routine activities, such as laughing, coughing, vomiting, yawning, chewing, or long-time mouth opening during dental treatment, traumatic tooth extraction, mandibular trauma, fracture or systemic diseases of involuntary muscle spasm, such as Parkinson's disease. The patient will be locked open, unable to bring their teeth together, difficult to talk and swallow, with deteriorating both physical and mental qualities of life. Treatment of TMJ dislocation divides into conservative and surgical methods.

This report documented concerning a case of TMJ dislocation in an 81-year-old female patient with Parkinson's disease, treated by bilateral eminectomy and condylectomy. After surgery, the patient could close her mouth and swallow saliva normally. No postoperative complication was found. The quality of life of both patient and her caretaker improved. The paper also reviews the concerning literatures.

## **Biography**

Pornwit Prapa-anantachai graduated with a Bachelor of Dentistry degree from Mahidol University in 2010. He graduated from the Oral and Maxillofacial Surgery Program from Chonburi Hospital and received a Diploma of the Thai Board of Oral and Maxillofacial Surgery in 2015. Currently, He works as a dentist at Department of Dentistry, Sisaket Hospital, Sisaket Province, Thailand. (under the Ministry of Public Health)

## **Recent Publication:**

Presenter Name : Pornwit Prapa-anantachai

Model of Presentation: Oral

Contact number: (+66) 87 043 4727

