

# A Case of Chronic Sclerosing Osteomyelitis of the Mandible with Severe Trismus

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**Abstract** : We herein report a case of chronic sclerosing osteomyelitis of the mandible with severe trismus.

A 28-year-old male visited our clinic complaining of difficulty to eating and severe trismus. An inflammatory reaction was obtained from a blood test. We suspected that the patient had mandibular osteomyelitis. The antimicrobial therapy was unsuccessful. The presence of other diseases such as a tumor, tetanus, TMJ, etc., were ruled out by various examinations.

We tried to perform forced opening under intravenous sedation. We succeeded in opening his mouth 22 mm. Under general anesthesia, we separated the right medial pterygoid muscle and right masseter muscle from the mandible, and performed curettage of the mandible with a mandibular outer cortex ostectomy. The patient had a good post-surgical course.

Based on the patient's clinical course and pathological findings, the definitive diagnosis was chronic sclerosing osteomyelitis of the mandible.

His prognosis has been good without any signs of recurrence after the operation.

**Key words** : Chronic sclerosing osteomyelitis, Mandible, Medial pterygoid muscle, Trismus