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Diagnosis and treatment of misdiagnosed odontogenic cutaneous sinus tract

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The cutaneous sinus tract is an uncommon disease. Occasionally dental problem cause the pathologic breaking out from intra-bony lesion of maxilla or mandible directly to skin drainage, swelling, or abscess. It is difficult to diagnose exactly the odontogenic cutaneous sinus tract for dentists or dermatologists except experienced clinicians or previously known clinicians. It is often misdiagnosed as warts, acne, dermatitis, or even malignant. Once patients were misdiagnosed, many patients may be treated with repeated surgical excisions, biopsies and antibiotic medications, but most of them could be frustrated with the recurrence of disease. There are several methods for differential diagnosis of odontogenic cutaneous sinus tract - such as GP cone tracing, conventional computed tomography (CT), peri-apical X-ray imaging and cone-beam computed tomography (CBCT). If proper dental diagnosis and treatment is provided, cutaneous sinus tract can be healed without complications and recurrences. This case report describes the diagnosis and treatment of odontogenic cutaneous sinus tract that referred from medical doctors.

Biography

Se Hoon Kahm has completed his BS and DDS (1998-2004) from College of Dentistry, Seoul National University, Korea. He has done his PhD (Unified Master's and Doctor's Course) in Dentistry. During 2006-2013, he has completed his Master's and ABD from College of Medicine, the Catholic University of Korea, Korea. He is the Head of Department, Assistant Professor in Dentistry, and Prosthodontics in Jeju National University Hospital. He serves as a Reviewer of *Advanced Journal of Prosthodontics*. He is a former Clinical Professor in Dentistry and Prosthodontics in Jeju National Hospital, Jeju, Korea, former Chief Officer in Dentistry in Armed Forces Seoul Hospital and former Clinical Fellow in Prosthodontics in Seoul St. Mary's Hospital, Seoul, Korea.

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