

## 人工牙根植入鼻腔之醫源性疏忽

### Iatrogenic error: placement of dental implant into nasal cavity

簡杏宜▲(Hani Surianti) 陳癸菁(Chen K J) 張加明(Chang C M)  
張佩穎(Chang P I) 陳遠謙(Chen Y C)

中國醫藥大學附設醫院口腔顎面外科

Thorough pre-operative clinical and radiographic examination prior to implant placement must be done in order to prevent perforation of the vital anatomic structures, such as maxillary sinus floor, mental foramen and mandibular canal. We'd like to present a case of 71 years old female with symptoms and signs of acute cellulitis at L't canine space three days after implant placement at the left maxillary premolar area by her family dentist. Perforation of the L't maxillary sinus floor at implant site, 25 was assumed on the initial panoramic radiograph, however reformatted CT (computed tomography) images showed abscess accumulation in the left nasal cavity and canine space with an extremely queer axial alignment of the dental implants engaging the left inferior nasal turbinate. After parental antibiotic therapy and surgical debridement including removal of the offending dental implant and drainage of the abscess performed under local anesthesia, acute symptoms and signs of infection subsided uneventfully. A case like this surely would bring awareness to our colleagues of the incredible iatrogenic error during implant surgery if thorough preoperative diagnostic procedures are overlooked.