Introduction

Amelogenesis imperfecta (AI) is a genetically determined and rare dysplasia of enamel formation. It has been classified into several groups and its mode of inheritance can be autosomal recessive, autosomal dominant or X-linked. Two otherwise healthy male patients (siblings) with AI were referred to the Restorative Department at Royal London Hospital. Clinical and radiographic examination of the patients confirmed the diagnosis of ‘thin and smooth pattern’. The intent of our case report is to highlight a rare co-occurrence of AI with multiple morphologic alterations in two siblings. Clinical features such as tooth impaction, delayed eruption, supernumerary teeth, odontomes, cysts and abscesses made extractions and bone management challenging. The two cases illustrate the challenging but successful prosthodontic rehabilitation with maxillary and mandibular fixed implant prostheses.

References


Conclusions

AI is a serious problem that can result in reduced quality of life and cause psychosocial problems. People with AI need extensive treatment with a multidisciplinary approach. While planning the treatment, the age and the socioeconomic status of the patient, type and the severity of the disorder should be taken into consideration.