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Orthodontic and restorative treatments of an impacted canine in a child with Down syndrome: A case report

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Abstract A 10 year-3 month-old boy with root resorption of the right central incisor associated with impaction of the right canine in the maxilla was referred to our dental clinic by a private general dental practitioner. He had Down syndrome with slight intellectual impairment and no congenital heart disease. Since the results of the mental development age test indicated that his development age was probably more than 4 years and 8 months, we decided that we could treat the patient by using behavior management techniques. We explained the procedures for comprehensive dental treatment in a simplified manner to the patient by using behavior management techniques. The use of enhanced behavior management techniques enabled him to accept comprehensive dental treatment that included extraction of the central incisor and orthodontic and restorative treatments of the impacted canine. We were able to complete the treatments and obtain a good outcome.

Key words Behavior management techniques, Down syndrome, Orthodontic treatment

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