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Adapting Dental Care for Patients with Autism Spectrum Disorders

Modified routine dental procedures to suit patient needs and improve outcome



Hypersensitivity to sights and sounds, unfamiliar settings, and anxiety can prevent individuals with autism spectrum disorders (ASD) from receiving adequate dental care



of children with ASD are hypersensitive to sound and have a low pain threshold¹



Suboptimal oral care significantly increases the risk of oral health problems in children with ASD¹



Techniques such as desensitisation, symbolic remodelling, and positive reinforcement along with sophisticated behavioural guidance techniques, and a dental team trained in caring for patients with ASD can facilitate the dental care of patients with ASD¹



A study found 45% children required general anaesthesia for dental treatment²



For children with ASD²

Nitrous oxide/oxygen inhalation may be required for dental treatment with good behavioural management or in some cases general anaesthesia



For adults

Inhalation sedation, intravenous sedation, or general anaesthesia along with good behavioural management may be needed to facilitate dental care



Establishing dental visits for children with ASD by 12 months of age can be crucial in providing them with adequate and comprehensive dental care³ Dental homes provide:



Accessible care



Coordinated and regular visits



Family-centred treatment approach



Children with ASD reaching adulthood need continuous oral healthcare, which may be beyond the scope of the paediatric dentist's practice, necessitating a coordinated transition from a paediatric to an adult dental home



Visit https://oralhealth.knowledgehub.wiley.com/special-healthcare-needs-autism/ for additional resources

Adapting the care environment and dental procedures for individuals with ASD



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Treatment outcomes for patients with ASD can be improved by paying attention to individual needs at each step³



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fentanyl citrate

Key suggestions for dental professionals working with patients with ASD



Key message

These strategies can be effective in establishing a dental home and ensuring a comfortable and effective experience for patients with ASD while providing them with the necessary dental care

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