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Case report of dental management for child with Mondini syndrome

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Mondini syndrome is a rare congenital sensorineural deafness. Malformation of cochlea in inner ear unilateral or bilateral may cause hear loss, recurrent meningitis and otorrhea. The purpose of this case report is to focus how to treat Mondini syndrome and deaf patient in a dental clinic. A case study of five year old female child patient suffered from pain in lower right second primary molar and not responding to any sounds was presented. There was no family history of congenital hearing loss. CT revealed deformity in cochlea. Otoacoustic emissions and ABR was consisted with diagnosis of severe to profound sensorineural hearing loss. Failed trial of cochlear implant, period of hearing aid trial failed to show any response status post brainstem implant done in Germany. Removing masks while talking, reducing background noise and learning to use simple signs and pictures may improve communication with hearing-impaired children. When communicating with a child, be sure to face the child, the right way up and ensure the light is not in the child's eyes or behind your head. Facial expressions and gestures may be very helpful, writing and lip reader. Communication with hearing impaired patient has some difficulties and needs a good level of skills and awareness. Dentists should learn simple technique for dealing with such impairment like moving mask to allow for lip reading, writing or drawing what they want to say or using sign language. Dentists should learn simple technique for dealing with such impairment like moving mask to allow for lip reading, writing or drawing what they want to say or using sign language and more speech and hearing centers to provide care for those who have hear impairment

Biography

Malak Alsaif is a senior student of Medicine and Surgery (MBBS) currently studying at University of King Saud Bin Abdulaziz for Health Sciences in Riyadh, Kingdom of Saudi Arabia enrolled in 2012 and expected to graduate in 2018. A student member of King Abdullah International Medical and Research Center (KAIMRC) and a researcher in the National Stem Cell Research Laboratory.

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