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Unfamiliar presentation of talon cusp in five siblings

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The Talon cusp, or Dens Evaginatus of anterior teeth, is a relatively rare dental developmental anomaly characterized by the presence of an accessory cusp like structure projecting from the cingulum area or cemento-enamel junction. Mellor & Ripa named the accessory cusp talon cusp because of its resemblance in shape to an eagle's talon. A 25-year-old male presented to the University Students' Clinic with Talon cusp in all upper anterior teeth. In addition to rare incidence of Talon cusp, this case has a unique presentation. The shape of the anomaly, the family history and patient race make this case relatively different from previous cases of Talon cusp reported in literature. Both central incisors presented with large heart shaped tubercles which is unfamiliar appearance. However, lateral incisors and canines have the common shape of Talon cusp. Family history reveals four of his siblings has the same anomaly. This case is regarded as a first case of Talon cusp reported in literature in which five siblings have this anomaly. Regarding racial incidence of this anomaly, Literature reported occurrence of this anomaly in certain population like Asians, Eskimo and American Indian populations. This report is one of few reports refer to incidence of this anomaly in an Arab and African population. Siblings have been contacted and invited for dental examination. They have poor oral hygiene, gingivitis and multiple carious teeth. Free dental treatment has been offered in the university clinic. However, they live in remote rural areas making it difficult to follow up with treatment.

Biography

Nuha Abdel-Rahman Elmubarak is a practicing Restorative Dentist and a Staff Faculty Member living and working in Khartoum, Sudan. At the University of Khartoum, she has studied Dentistry. She has completed her Master of Restorative Dentistry at University of Khartoum in 2011. She was awarded the Membership of Royal College of Surgeons (Ireland) in 2013. Afterwards, she held a position of the Head of department of Restorative Dentistry at the National Ribat University (2014). Her research work has been published in 2012 in the (*Open Journal of Stomatology*), and presented in the European Prosthodontic Association Conference (Turkey-2014). She is currently enrolled in a PhD program at the University of Khartoum.

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