

2nd International Conference on Physicians & Surgeons

January 20, 2022 | Webinar

Scientific Tracks & Abstracts



Sessions

Immunologist | Dentist

Session Introduction

Title: Access to Dental Care for Children with developmental Delay; A cross-sectional study in the city of Jeddah

Sumer Alaki, Merit Health River Region Hospital, Saudi

Title: Interfragmentary Approach Total Hip Replacement In Unstable Intertrochanteric Femur Fracture In Elderly Shows Better Clinical Result Compare To Standard Posterior Approach

Azhar M, Medicabil Hospital, Turkey

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Access to Dental Care for Children with developmental Delay; A cross-sectional study in the city of Jeddah

Sumer Alaki

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Introduction: Developmental delay is a group of disorders in which a child is behind schedule in meeting developmental milestones during early childhood leading to lifelong restriction on the ability to develop. These children may have insufficient oral hygiene and periodontal health, more dental caries, and few remaining teeth due to poor diet, intake of sugar-containing medications, failure of caregivers to determine the oral status of the children, failure of the child to communicate their pain or discomfort, and insufficient access to dental care.

The aim of this study was to identify if children with developmental delay have adequate access to dental care and types of obstacles and barriers (if any) to obtaining such services in the city of Jeddah, Saudi Arabia.

Methods: This was a cross-sectional study conducted between January 2021 and April 2021. Ethical approval was granted by the Research Ethical Committee at the Faculty of Dentistry at King Abdulaziz University. The study focused on children with a variety of developmental disability including autism spectrum disorder, Down syndrome, cerebral palsy, delayed growth, other developmental disabilities. The researchers used an online survey consisting of 18 closed- and open-ended questions and was distributed to caregivers of children 3–18-year-old children with developmental delays in seven centers in the city of Jeddah through a secure online platform. The data was analyzed using the Statistical Package for Social Sciences (SPSS) software (IBM SPSS Statistics for Windows, Version 25.0 Armonk, NY: IBM Corp.). One-way Anova test was used to determine whether there were any statistically significant differences between the means of two or more independent (unrelated) groups. The significant level was set at 0.05.

Results: A total of 669 participants joined the study. Most children were between the age of 3 and 12 years. The sample included 233 children with autism (34.8%), 296 with Down syndrome (44.2%), 15 with cerebral palsy (2.2%), 58 with delayed growth (8.7%) and 67 with other developmental delays (10%). The data showed that most parents did not keep up with their children's dental recall appointments (63.8%) and that there was a significant association between having developmental disability and accessing dental care with children with autism and down syndrome having the most difficulties ($p < 0.000$). Children aged 6-12 had the most difficulty accessing dental care ($p < 0.002$). Fear of the dentist (30%), inability to cooperate with the dentist (23.1%), financial cost (16.8%) and inadequate dental training (12.8%) were among the most common reasons for difficulties accessing dental care.

Conclusions and recommendations: children with developmental delay have various difficulties accessing dental care in the city of jeddah. Proper dental training, and attention to financial burden on caregivers may improve access to dental care.

Biography

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Interfragmentary Approach Total Hip Replacement In Unstable Intertrochanteric Femur Fracture In Elderly Shows Better Clinical Result Compare To Standard Posterior Approach

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Introduction: Hip fracture is the most common fracture in elderly patients, with the rate of morbidity increasing is the main issues. The clinical as well functional outcomes are influenced by many factors, which includes patient condition, type of fracture, and definite treatment weather replacement or fixation.

Patient and Methodology: We carry out study in our center 54 patients presented to our center with unstable Intertrochanteric Femur Fracture with age more than 70 years old. Twenty-Six of them (group 1) underwent standard posterior approach and 28 (group 2) underwent interfragmentary approach. Those patient with cognitive disorder and other neuromuscular disorder was excluded in this study. All of them was treated with Uncemented Total Hip Replacement and Trochanteric Cable Plate with same type of implant.

Statistical Analysis: Latest version of SPSS software package was used for the statistical analysis of data. Categorical measurements were given as numbers and percentage values, whereas continuous measurements were given as mean and SD values (median and minimum–maximum when necessary). Their mean age was 82 (70-90) years, 14 males and 40 females with BMI is 20.2 (19.8-22.1.).

Result: According to comparison of the groups, it was found that the rate of dislocation was statistically significantly higher in patient underwent posterolateral approach compare to interfragmentary approach. Trochanteric non-union also is higher in group 1 compare to group 2.

Conclusion: The option of Total Hip Replacement with Trochanteric Grip Plate in elderly patient with osteoporotic bone through interfragmentary approach, give immediate stability and allow weight bearing and show good functional outcome with no complication at short term period.

Biography

Muhammad Azhar, Is an Orthopaedic and Traumatology Surgeon as well Fellowship in Adult Reconstruction and Arthroplasty Surgeon. Received his medical degree in IIUM, Malaysia, His MMED Orthopaedics USM, Malaysia, Adult Reconstruction Fellowship, France and Arthroplasty Fellowship in Turkey. Practising as Orthopaedic and Arthroplasty Surgeon in One of Tertiary center in North of Malaysia Hospital Sultanah Bahiyah which is referral center for Arthroplasty for north of Malaysia. He is adjunct Lecturer in hospital and education institute. Research was done during the fellowship to share the new approach which is benefit for patient interm of clinical out come and indirectly reduced the risk of complication especially dislocation.

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