Providing Dental Care to Children with Autism Spectrum Disorders

By: Dr Hibah Shata B.D.S, M.Sc, FDSRCSI

Autism is the fastest growing developmental disability in the United States with 10 -17 percent annual growth in its incidence.

There are more children with Autism today who are seen by general dentists and are a challenge to treatment due to their excessive sensory issues and overload

The Oral presentation or workshop will discuss the different symptoms of Autism and the features of autism in children that will affect dental management

We will discuss the challenges facing the dentist when providing oral care

The recommended accommodations for the child with Autism to have a positive experience with the dentist

References:

- Auditory Brain Development and How it Affects Listening, Language and Literacy. Carol Flexer.http://www.txsha.org/_pdf/Convention/2011Convention/2011SpeakerHandouts/Flexor,%20Carol%20%20Auditory%20Brain%20Development%20and%20How%20it%20Affects%20Listening,%20Language,%20and%20Literacy.pdf
- Center on the Developing Child at Harvard University : Experience Brain Architecture https://www.youtube.com/watch?v=VNNsN9IJkws
- Non Medical Interventions for children with ASD 2012;130;S169Pediatrics Behavioral (AIR-B) Network
- Long- Term Outcome for Children With Autism Who Received Early Intensive Behavioral Treatment AmerlcalljouNIal 011 Mellta/ Retardattoll 199', Val. 97, No. ~, '59-'72 e 199' American Ao.,)CI.tJon on Mental Retard.tJol1

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Session name/ number: **Providing Dental Care to Children with Autism Spectrum Disorders**
Category: (Oral presentation/Workshop
Passport Number:W780233



BIOGRAPHY:

I am a specialist from Saudi Arabia, born in Beirut in 1968 and moved to Riyadh at the age of one in the Kingdom of Saudi Arabia.

1992 graduated with bachelor in Dental surgery with Honors from King Saud University, College of Dentistry, and Riyadh, Saudi Arabia.
1992-1993 Worked for the Ministry of Health and Armed forces Hospital

1994-1995 Master of Science in Prosthetic Dentistry from the Eastman Dental Institute and Hospital, University of London, UK.

1996 FDSFRCSI Fellowship in General Dental Surgery from the Royal College of Surgeons in Ireland, Dublin, Ireland.

1997-2000 worked as Associate Consultant at King Fahd National Guard hospital, established the Medically Compromised Patient Clinic.

2000 moved to Dubai, UAE and Established a prestigious private Dental Clinic in Dubai caring and providing all dental solutions from cosmetic to functional dental problems.

2002-2008 member in the Emirate Medical Association and Chairperson of the Scientific committee for the Dental Society , lectured Internationally and nationally and organized many workshops, symposia and conferences contributing to raising the standards of dental services in all UAE.

2007 Diploma in Business Management with the University of Dubai the program was *'Entrepreneurship and Business Plan Development and recieved the Award Certificate for the best business plan.*

2008 Co-founded Child Early Intervention Medical Center an Autism Specialty Center that provide unique services to children with Autism under one roof.

2010 Co-Founded the Child Learning and Enrichment Medical Center a preparatory Center with a unique Model that give every child and Individual Education Plan and teach academics and manage the behaviors in the same time.

2013 EFQM Assessor Certificate participated in the assessment of multiple awards organized by Dubai Quality Group, Dubai, UAE.
2017 Board member in the Jordanian Business Council
2018 became an advocate and advisor for the Community Development Advocacy for people of determination program and became a member in the Advocacy group.

Academic Qualifications:

- Certified EFQM assessor 2013,Dubai,UAE
- Diploma in 'Entrepreneurship and Business Plan Development ,University of Dubai 2007 Award Certificate for the best business plan .
- FDSFRCSI Fellowship in General Dental Surgery from the Royal College of Surgeons in Ireland, Dublin, Ireland 1996.
- MSc Master of Science in Prosthetic Dentistry, Eastman Dental Institute and Hospital, University of London, UK 1995.
- BDS Bachelor Degree in Dental Surgery with Honours, King Saud University, College of Dentistry, Riyadh, Saudi Arabia 1992.
- Certificates in Risk Management,
- Social Media and Marketing 2 days workshop
- Certificate of attendance of Team Effectiveness training
- Certificate of attendance of Effective Communication training
- Certificate Quality Improvement, Patient Safety and Risk Management
- Multiple training on Developmental Screening, ABA therapy.
- 40 hours annual training in the field of dentistry to maintain License

An International Speaker:

- Women Leadership Development Training Workshop organized by the Centre for Economic and Leadership Development, July,2013
- The Women Leadership Development & Networking Forum held on Wednesday, 20th June, 2012
- The International Conference on African Women Development/ Awards 27th- 31st March, 2012 Dubai, UAE.
- Cosmetic Dentistry, The use of Dental Lasers , Infection control and medically compromised patient management, lectured in several Middle Eastern countries such as The UAE, Bahrain, Saudi Arabia, Lebanon, Jordan on many up to date dental topics.
- Performed many research studies on the medically compromised patients (The oral manifestations in Liver transplant patients), on the wear of teeth in the dental students of the National Guard Hospital and on the properties of titanium alloys. These researches were presented in international conferences.

Researches and Lectures:

- “Micro hardness of Binary Titanium alloy”. Presented in January 17-20, 1994 in the 8th International Dental Conference, Riyadh, K.S.A.
- “A survey on tooth wears in elderly British population”. Presented as a Poster presentation in the British Society of Dental Research 44th annual meeting. April 2-4 1996, Bristol, UK.
- “New Tooth Wear Index”. Presented in a lecture at the 5th Saudi Dental Congress organized by the Ministry of Health, KSA, October 13-16 1997.

- "*A New Tooth Wear Index*". Presented in a lecture at the 17th Jordanian Dental Congress at Amman, Jordan, October 19-22 1999
- "*The Oral Manifestation in Liver transplant patients* : clinical research study". Presented in a Lecture at the Sixth Saudi Dental Congress, Jeddah, Saudi Arabia, November 6-9 1999.
- "*The Oral Manifestation in Liver transplant patients*: clinical research study". Presented in a lecture at the 7th scientific congress of dentistry in King Hussein medical center, Royal Medical Services, Jordan 30/8 -1/9 2000.
- "A view at the dental status of children in Saudi Arabia and particularly in National Guard schools". Presented in a lecture in the 3rd Oral Health week, 30/9 - 6/10 2000, Riyadh, Saudi Arabia.
- "A view at the dental status of children in Saudi Arabia and particularly in National Guard schools". Presented in a lecture in the 5th Oral and dental conference in Holy Mekkah , 14-15/11/2000, Mekkah, Saudi Arabia.
- Lecture on "The Beauty of Dental Ceramics". The 1st GCC Scientific Dental Meeting, 29-30 Sept 2004.
- Lecture on "The Beauty of Dental Ceramics". Lebanese Dental Association, Beirout International Dental Meeting Sept, 1-3 2005.
- Lecture on ((Infection control in the dental Practice)) June 1st 2006 GASCO –General Authority of Health Services Abu Dhabi UAE
- Lecture on ((Integrating laser technology in Aesthetic and General Dentistry)) 9-12 May 2006 – 20th Jordanian Dental Congress. Jordan- Amman
- Lecture on ((Integrating laser technology in Aesthetic and General Dentistry)) 29-31 Jan 2007 18th Saudi International Dental Conference-Riyadh Saudi Arabia
- Lecture on ((Dentinal Sensitivity what dentist can do)) January 6,2011 Murooj Rotana, Dubai, UAE
- Lecture on the((Dental Management of children with Autism)) 4-6 May,2013 7th RAk dental Conference, RAK, UAE

Centre for Economic and Leadership Development

As a volunteer for the Centre for Economic and Leadership Development, I participate as a trainer and speaker to inspire African women. Spoke at the

- South America- Africa -Middle East- Asia Women Summit 2016
- Women Leadership Development Training Workshop July,2013 https://celdng.org/2013/07/photos-women-leadership-development-training-program-july-2013/#
- The Women Leadership Development & Networking Forum held on Wednesday, 20th June, 2012
- The International Conference on African Women Development/ Awards 27th- 31st March, 2012 Dubai, UAE.

Dubai Business Women Council:

As a member for the DBWC since 2000, I have Volunteered in many events as a speaker to inspire women in UAE.

- The first Strategy Leaders Roundtable in the UAE. Organized by Abu Dhabi University sharing commitment for promoting best practices in strategy management, 2016
- Women Business Owners in the United Arab Emirates supported by the Center of Arab Women for Training and Research and the International Finance Corporation December 2 0 0 7
- Women in Leadership Knowledge Seminar 28 February 2017 in Dubai
- Speaker for the DBWC Monthly Lunch Majilis 2011
- Speaker at University Of Dubai https://www.youtube.com/watch?v=MzOgWmCZ7vg
- Speaker at University of Wollongong https://www.facebook.com/uowdubai/photos/a.136984766334716.19435.131955576837635/1074995152533668/
- Speaker at Amity University

-Support the Autism Service Development in International and regional events:

- The Capacity Building Workshop on Parent Skills Training for Developmental Disorders World Health Organization, Geneva, Switzerland 7-10 April, 2015
- Autism Network for Advocacy in Gulf and Middle East 2016 Mediterranean Country Resources for children and

- Community Development Authority- Dubai Social Care Standards Consultation meeting March 17,2015
- Future Accessibility & Assistive Technology Summit 2016 Panel discussion: Breaking barriers to promote equal opportunities for all people with or without disabilities 10-11 October 2016
- 2018 Advocacy Project for people of determination in UAE

Awards and appreciations:

- The Quality Appreciation Certificate seventeenth Cycle by Sheikh Khalifa Excellence Award 2018-2019, Abu Dhabi, UAE for the commitment to quality and business excellence
- Cartier Women Initiative Laureate for Middle East and North Africa 2019
- Distinguished Women in Healthcare 2019 Award for outstanding accomplishments in healthcare Princess Haya Award for special Education Jury Choice for Autism support 2019
- DHCC Excellence award for ''Outpatient Clinics Quality Award'' for First Place 2019
- MEED Award Female Leader of the Year in Health Care 2018
- Winner of the "Inspiring Woman in Healthcare Award 2018" by Dubai Healthcare city (DHCC) in May 2018
- Winner of the GESS Education Award for "The SEN Resource-Equipment Supplier Award" of the year at the GESS Education Award 2018, on Wednesday, 28 February'18 at the H-Hotel Dubai
- Winner of the "DHA Distinguished Leader" Award at Annual Health Awards 2018, presented by His Excellency Humaid Al Qutami, Chairman of the Board and Director General of Dubai Health Authority 2018 and the Child Early Intervention Medical Center received the "Distinguished Clinic" Award 2018

- Winner of the Global 100 Women Leadership Award in the HealthCare, award would be given in Mumbai in 2018
- Winner of MEED Award for Health Care Company of the Year 2017 and Finalist the Female Leader of the Year category
- Received the DHCC Excellence award for ''Outpatient Clinics Quality Award'' for First Place ''Outpatient Pediatric Rehabilitation Center Category'' in April'17
- Winner of The Middle East Healthcare Leadership Award 2017
- Received SME Health and Wellness Award 2015
- Winner of the 100 MOST SUSTAINABLE CEOs AWARD at World Sustainability Conference 2017
- Winner of The 50 Women Leadership Award in the HealthCare 2016 award
- Finalist for Daman Corporate Award 2016
- Received the The Emirate Women Award 2011 for the Leadership Category
- Received Princess Haya Award for the best special need center for the best website in 2010