Poster Sessions

A Comparison Of Success Rates Of Implants Placed In Sites Of Ameloblastoma Resection Vs Patients Without Ameloblastoma: A Records Review
Saturday, March 11, 2017: 4:30 PM - 6:30 PM
USC GPR Residents UsC Gpr Residents, LAC+USC Medical Center; Cam Huynh, LAC+USC Medical Center; Christie Park, LAC+USC Medical Center; Asthik Tumanyan, LAC+USC Medical Center; Sahar Yaftaly, LAC+USC Medical Center

Age, sex, ethnicity. Date of surgery. Type of implant. Site implant was placed. Length of follow up. Amount of bone loss.

Access To Oral Health Care; Case Management At Different Stages Of Dementia
Saturday, March 11, 2017: 4:30 PM - 6:30 PM
Marina Milgrom, New York University Dentistry; Joseph R. Cucolo, New York University Dentistry; Dr. Marc Henschel, New York University Dentistry; Dr. James Keenan, New York University Dentistry

Access to Oral Health Care; case management at different stages of dementia.

An Approach To Dental Management In Patient With Rubinstein-Taybi Syndrome: A Case Report
Saturday, March 11, 2017: 4:30 PM - 6:30 PM
Maria Justiniano, UPR-RCM School of Dental Medicine, GPR; Liscary Fuertes, UPR-RCM School of Dental Medicine GPR

Rubinstein-Taybi Syndrome (RTS) is a rare congenital syndrome characterized by delay in growth, psychomotor retardation, duplication of the distal phalanx of thumbs, facial dimorphism and dental abnormalities. Identified genetic modifications include CREBBP, EP300 and deletions in chromosome 16. Frequent oral manifestations include crowding, multiple caries, hypo- or hyperdontia, narrow palate, grimacing smile, talon cusps and retro/micrognathia. This case report describes the dental management of a male with RTS, with multiple dental problems. Treatment was carried out under GA, due to the patient's lack of cooperation. Possible problems during GA are described and detailed protocol established for the dental management.
Assessing Ageism Among Dental Students
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Ryan Rucker, University of Iowa College of Dentistry; Dr. Leonardo Marchini

Ageism refers to negative discriminatory practices against older people, old age, or the aging process itself. Several tools have been developed to help assess and recognize these biases that may exist in people. The majority of these tools have been used in medical and nursing schools as a means to develop classes and education seminars to address ageism. However, no such scale has been developed that applies specifically to dental students. The purpose of this study is to validate a similar ageism scale, a modified UCLA-GAS scale, for the purpose of assessing ageism in dental students. By having a validated scale, information can be gathered to help address potential biases or attitudes that could affect treatment planning processes of dentists with treating an older population.

Association Between Maternal Folic Acid Intake And Oral Clefts In Puerto Rican Children
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Javier Rodriguez, University of Puerto Rico (UPR) School of Dental Medicine

The objective of the study is to quantify the folic acid intake of a sample of Puerto Rican women from an ongoing case-control study and to establish the association between maternal folic acid intake and CL/P. We analyzed data regarding the maternal intake of folic acid and/or multivitamins before and during pregnancy. We concluded that Puerto Rican women sampled were not consuming enough folic acid before and during pregnancy, which could be contributing to the high prevalence of children with CL/P found in Puerto Rico. Our findings reflect that Puerto Rican women in reproductive age need better peri-conceptional health education.

Barriers To Accessing Dental Care For Patients In The UCLA School Of Dentistry Special Patient Care Clinic
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Allyson Wesman, UCLA School of Dentistry; Elham Nik, UCLA School of Dentistry

It is well known that inequalities exist in access to dental care for patients with a disability or requiring special care. This project aimed to determine which barriers to care are the most difficult for patients at the UCLA Special Patient Care clinic to overcome. Designed by a third year dental student at UCLA, the project involved surveying current and incoming patients and caregivers at the UCLA Special Patient Care clinic. We found that special needs patients at UCLA reported finding a dentist willing to treat them as the most difficult barrier they face in accessing dental care.
Case Presentation: Dental Treatment Of Patient With Chronic Idiopathic Angioedema  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
Frank Lammerding, Virtua - West Jersey Health System; Eunice Chay, Virtua - West Jersey Health System; Allison Clark, Virtua - West Jersey Health System; Naakor Hammond, Virtua - West Jersey Health System; David Shin, Virtua - West Jersey Health System

A case study of providing dental treatment to a forty-seven year old Caucasian female with chronic idiopathic angioedema in the outpatient dental setting and in the operating room under general anesthesia.

Case Report On Using Sliver Diamine Fluoride (SDF) To Arrest Dentine Caries In An 8 Years Old Boy  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
Neda Almojel, UTHSCSA

Case Report: Dental Management At The Operating Room Of Patient With Bardet Biedl Syndrome  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
Liscary Fuertes Rufin, University of Puerto Rico; Roxanna Delgado-Rodriguez, University of Puerto Rico; Viviana Acevedo, University of Puerto Rico

Documentation of case report of 31 y/o Bardet Biedl patient, presenting oral manifestations of gingival papillary enlargement, multiple teeth agenesis, enamel hypoplasia, short dental roots, microdontia, and dental caries. Due to behavioral impairment and systemic condition it is imperative to manage the case through a multidisciplinary approach. Case evaluated by Internal Medicine, Anesthesia and GPR Residents to perform complete oral rehabilitation under adequate general anesthesia in the Operative Room of the Hospital UPR, Dr. Federico Trilla by GPR residents of the School of Dental Medicine of Puerto Rico on April 2016.

Case Report: Management Of Medically Compromised Patient With Accidental Nalco Extrusion Beyond Apical Foramen During Root Canal Treatment  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
Ivelisse Dominguez, School of Dental Medicine Medical Sciences Campus University of Puerto Rico; Dr. Ivelisse Dominguez, University of Puerto Rico, General Practice Residency GPY-1

Management of accidental extrusion of sodium hypochlorite during root canal treatment
Cerebral Palsy: Case Management And Literature Review
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Marc Henschel, New York University College of Dentistry; Jessica Yeara, New York University College of Dentistry; Harprit Kanda, New York University College of Dentistry; Dr. Analia Veitz-Keenan, New York University College of Dentistry; Dr. James Keenan, New York University College of Dentistry

Cerebral Palsy: Case Management and Literature Review - Quality of life issues affecting the patient, caregivers and healthcare providers.

Dental Management Of A Patient With Cohen Syndrome. A Case Report
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Nicte Boyle Balbin, University of Puerto Rico. Medical Sciences Campus

Case report of a dental management of a Cohen syndrome patient due to the relevance in our field since this patients have high risk of infections, low HDL values in some cases that could lead to the development of Diabetes Mellitus or cardiovascular complications, their susceptibility of having recurrent aphthae and their uncooperative behavior.

Dental Management For Amyotrophic Lateral Sclerosis Patient (Case Report)
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
George Khazoum, Nova South Eastern University

Amyotrophic lateral sclerosis (ALS) is a fatal progressive degenerative disorder that affects the nervous system, particularly the motor neurons. The aim of this poster is to describe a case of a 65 years-old female diagnosed with ALS presenting for dental treatment. Patient has limited mouth opening due to muscle weakness, which complicates any treatment to be performed. Intravenous sedation and general anesthesia are not recommended in ALS patients as they may exacerbate disease symptoms and lead to exaggerated respiratory depression. Anxiolytic doses of midazolam have been used to relax the facial and masticatory muscles and increase the mouth opening.
Driving An Exceptional Pediatric And Special Needs Experience The Christiana Care Way Awards
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Susan Pugliese, ChristianaCare Health System; Susan Pugliese, Dds, Christiana Care Health Systems

A poster presentation will be provided to support the conclusions in this project

Duchenne Muscular Dystrophy- A Case Study
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Isaac Morton, The University of Texas Health Science Center at San Antonio Dental School

As part of an initiative to provide underserved communities with access to oral health care in their own community, several SCDA members traveled to Guatemala and treated patients with developmental disorders. One particular patient treated was Bryan, a young male with Duchenne Muscular Dystrophy. DMD is a rapidly progressive form of muscular dystrophy that occurs primarily in boys. Because of some of the dental management considerations associated with this disorder it is important for the dental care provider to be able to identify DMD and be familiar with adjunctive therapies that may help these patients improve their quality of life.

Early Childhood Caries Formation And The Special Care Patient
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Hayley Campbell, University General Dentists

Early Childhood Caries Formation and the Special Care Patient

Fabrication Of A Custom Bite Block For A Patient With Anoxic Brain Injury And Severe Tongue Mastication: A Case Study
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Grace Fedor, Mission Valley Dentists

Self-inflicted oral trauma is commonly encountered in patients with anoxic brain injury. Despite loss of cerebral control, these patients continue to exhibit strong ruminatory reflex chewing. Damage to soft tissue can be severe and put patients at risk for infection. This case study demonstrates how a custom bite block can effectively protect the patient from severe reflex chewing oral injury.

Forensic Odontology And Disaster Victim Identification
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Jonathan Weisner, University General Dentists; Erin Hurley, University General Dentists
Functionality And Hygiene Of Conventional Removable Dentures In Elderly Patients With Leprosy History
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Marco Tulio Ribeiro, Funda§o Hospitalar do Estado de Minas Gerais - FHEMIG; Marco Tulio F Ribeiro, Funda§o Hospitalar do Estado de Minas Gerais*

Study evaluated: frequency of dependence for hygiene of Removable Conventional Dental Prostheses (RCDP), their association with the condition hygiene of RCDP and functionality to Basic Activity of Daily Living (BADL) in elderly patients with leprosy history. The sample consisted of elderly residents in a former colony of leprosy in the state of Minas Gerais, Brazil. A higher dependency for brushing (50%) was detected among the elderly dependent for ABVD (p = 0.04). The elderly dependent for ABVD, have higher plaque frequency on the dentures and dependence for brushing, however, this dependence was not associated with the hygiene of the prostheses.

General Dentist And Pediatric Dentist Perceptions On: Should Coda Creates A New Category Of Accredited Postdoctoral General Dentistry Program To Be Called Postdoctoral General Dentistry Program In Special Care Dentistry?
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Vy Tran, Children evaluation and Rehabilitation*

General dentist and Pediatric dentist perceptions on: Should the American Dental Association make Special Care Dentistry a recognizable dental specialty of the ADA?

Has Our Dental Education Improved The Preparedness Of Dental Graduates To Treat People With Disabilities?
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Vineela Redla, Department of Pediatric and Community Dentistry; Martesia Marshall, University Pediatric Dentistry*

Special needs patients are one of the underserved dental patient groups in the United States. Locating dental homes for the special needs only becomes more difficult as a patient progresses from childhood through adolescents and finally adulthood. Each year thousands of children with disabilities "age out" of dental programs that were established to meet their needs. But now they are older. Most states are able to provide minimal if any dental services (with limited reimbursement levels) for adults within the Medicaid system. The barriers to discovering comprehensive care in the dental home is exacerbated by two strong issues: Low reimbursement for the effort to treat this population has created difficulties for finding a dental home for this fragile at risk population. It appears that dentists donât receive the education
that would allow for them to be comfortable treating this disabled population. The objectives of this literature review explain our quest.

**How To Prevent Zika Virus To Spread In An Oral Healthcare Setting In Puerto Rico; The Action Behind The Epidemic. A Literature Review**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Alexander Rodriguez Castillo, Medical Sciences Campus of the University of Puerto Rico*

This presentation is a literature review to educate health professionals regarding Zika virus and its implication in oral healthcare. Furthermore, it will provide appropriate tools for decreasing the amount of patient with Zika Virus and its severe consequences not only in Puerto Rico, but also for the population wide world.

**Hypertrophic Cardiomyopathy In Patients With Cardiofaciocutaneous Syndrome: A Case Report**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Pia Briones, Dr. Meredith Asper-Beltran Inc; Pia Briones*

Cardiofaciocutaneous Syndrome (CFC) is a rare genetic condition that affects the heart, the facial structures and the skin. This case report highlights the features of CFC particularly the condition's cardiac presentation and its implications and how one can safely manage these patients in the dental setting.

**Importance Of Dental Management Of Patients With Metachromatic Leukodystrophy (MLD)**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Mario Onate Hernandez, University of Puerto Rico; Angelica Cuanas Morales, University of Puerto Rico; Dr. Mario Onate, University of Puerto Rico*

Dental management of Patient with Metachromatic leukodystrophy (MLD)

**Iowa Nursing Facility Oral Hygiene Intervention: A Pilot Study**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Erica Recker, University of Iowa College of Dentistry & Dental Clinics*
Knowledge On The Management Of Special Needs Patients Of The Fourth Year Dental Medicine Students At The University Of Puerto Rico Medical Science Campus After Hands-On Workshops
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Yatnee Alys Encarnacin, University of Puerto Rico School of Dental Medicine

There is an increased in a population of patient with special needs how are those who due to physical, medical, developmental or cognitive conditions require special consideration when receiving dental treatment. This can include people with autism, Alzheimerâs disease, Down syndrome, spinal cord injuries and countless other conditions or injuries that can make standard dental procedures more difficult. The Future Dentist (DMD Students) should be prepared to offer this population the quality treatment they need, thatâs why the implements of special workshop in special need management could improve the knowledge and confidence in treating this patient.

Late Dental Treatment In Huntington's Disease And The Impact In The Oral Cavity; A Case Report
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Licerba Alvarez Campos, Medical Sciences Campus of University of Puerto Rico

This case report describes the dental management of a 53 years old Puerto Rican male healthy until age 35 when he began with HD, anemia, hypothyroidism, percutaneous endoscopic gastrostomy (PEG) and bedridden. Oral examination revealed multiple dental caries, dental plaque, calculus supra e infragingival and tooth mobility grade II and III compatible with generalized chronic periodontitis advanced. Treatment plan included alveoloplasty with multiples extractions under general anesthesia. The dentist should know how to properly manage this condition in order to offer the suitable dental treatment without inappropriate risks and the primary goals should be maintenance of natural dentition, early intervention and regular preventive treatment.

Localized Aggressive Periodontitis In Young Patient With Uncontrolled Diabetes Type 1: Assessment And Treatment Planning
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Roxanna Delgado-Rodriguez, UPR-RCM School of Dental Medicine; Liscary Fuertes, UPR-RCM School of Dental Medicine GPR

Uncontrolled diabetes is directly proportional to an unstable periodontal condition. At initial evaluation patient presented hyperplastic gingiva and radiographically severe periodontal bone loss on anterior teeth and moderate on first molars was evident. Appointment included assessment of her systemic condition, patientâs systemic illness correlated with her oral
condition and represented de instability of her periodontal disease. Treatment objectives include stabilization of her diabetic and dental condition with multidisciplinary approach. Case report serves as an example for management of concomitant diseases that affect the oral health of the patient and how controlling the systemic illness with periodontal therapy enhances patient’s wellbeing.

Management Of An Emergency Treatment Done On A Patient With Microcephaly, Epilepsy, Mental Disability And Very Aggressive Behavior
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Jennifer Lithgow, UPR-RCM School of Dental Medicine; Ivelisse Dominguez, UPR-RCM School of dental Medicine, GPR program

This case report describes the dental emergency treatment management of a 47 year old Puerto Rican female patient, with history of microcephaly, epilepsy, mental disability and very aggressive behavior. The dental treatment under benzodiazepine to produce a calming effect and stabilization techniques were valuable tools to accomplish the dental treatment without any accidents. The intention of this case report is to give a tool to the dentist to treat this patient population, that without the right measures, it is difficult to do. Also that early dental evaluation, and parents education of preventive oral care is very important.

Management Of Dental Extraction In Patient With Hermansky-Pudlak Syndrome Type I
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Lisset Gata Garcia, University of Puerto Rico; Angelica Cruanas, University of Puerto Rico

Hermansky-Pudlak syndrome (HPS) is an hereditary disorder that consists of two characteristics: decreased pigmentation (albinism) with visual impairment, and blood platelet dysfunction with prolonged bleeding. Worldwide it is extremely rare, but in Puerto Rico is most prevalent in persons from northwest Puerto Rico, where Hermansky-Pudlak syndrome(HPS) affects one of every 1,800 individuals. The bleeding diathesis is a major concern during surgery, dental extraction, or childbirth. This case report is focused on the dental management of surgical extractions in HPS patients in order to avoid bleeding by means of platelet transfusion.

Meta-Analysis Of Silver Diamine Fluoride Compared To Sodium Fluoride, Glass Ionomer, And No Treatment
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Lisa Lien, Rancho Los Amigos; Anna Davydov, Seung Hui Kang, Stephanie Mayorga, Hoang-Anh Tran

The objective of this meta-analysis study is to analyze how the effects of silver diamine fluoride
compare to glass ionomer, fluoride varnish, or no treatment. In all studies that met the inclusion criteria, SDF was found to be superior in arresting or preventing caries to sodium fluoride, glass ionomer, and no treatment.

**Mucormycosis, A Multidisciplinary Approach To A Rare Oral Fungal Infection: A Case Report**
Poster Session
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Anthony Nguyen, UCLA Hospital Dentistry*

This case report highlights the importance of early oral detection at 'time zero' and walks through the management of the patients hospital course until discharge to hospice care.

**Multidisciplinary Cooperation: Optimizing Communication With Radiation Oncology For Improved Dental Outcomes**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Christine Blass, UAB; Ricky Patel, UAB; Alexandra Erbesti, UAB; Nicholas Kentros, UAB; Nathan Camp, UAB*

Multidisciplinary Cooperation: Optimizing Communication with Radiation Oncology for Improved Dental Outcomes

**Myeloid CD11C+-Dendritic Cell Precursor Subset Mediates And Is Responsible For Inflammation-Induced Osteoclastogenesis In Experimental Arthritis In-Vivo.**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Yen Chun Grace Liu, Ceneter for Osteo-immunology & Biotechnology Res & Dept of Dental Hygiene, College of Dental Medicine, Kaohsiung Medical University*

Through the in-vitro knock-out design and in-vivo animal studies, the present research was aimed to reveal the underlying molecular mechanisms associated with inflammatory arthritic bone loss, a major chronic illness with the resulting concerns for co-morbidity often observed in the elderly patients world-wide.

**Oil Mouthrinse: A Supplemental Alternative To Traditional Oral Hygiene Practices**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
*Nicholas Cakmes, University General Dentists*

The practice of oil pulling has been used as a traditional Indian folk remedy for thousands of years. Oil pulling originated in Ayurvedic medicine as a method of oral care and is claimed to
show advantages over the use of mouthrinses containing NaF as the primary active ingredient such as, lack of staining, no lingering aftertaste, and no documented allergic reactions.

**Paroxysmal Extreme Pain Disorder And Erythromelalgia: Case Report**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Tania Herschdorfer, Nova South Eastern University*

Paroxysmal extreme pain disorder (PEPD) and Erythromelalgia (EM) are rare conditions related to a mutation located in the SCN9A gene. PEPD is characterized by brief episodes of excruciating pain in areas of the body. Triggers for pain attacks include changes in temperature, emotional distress, cold wind, defecation and eating. Providing dental treatment for this population is challenging. Many dental procedures may act as stimulants to trigger pain attacks. This is a case of a 19 year-old female patient diagnosed with PEPD and EM that presented for dental treatment and describes the management strategies performed to treat the patient successfully. *Tania Herschdorfer, Nova South Eastern University*

**Protocol For The Identification Of Needs Of Periodontal Treatment In The Community Medically Compromised Patients**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Eladio Traviesas, UPR-RCM School of Dental Medicine; Roxanna Delgado, UPR-RCM School of Dental Medicine GPR; Alexander Rodriguez*

Puerto Rico’s diabetes prevalence is higher than the world’s prevalence, as Dentists in these country most of the patients that we treat have multiple co-morbid conditions that have direct effects in their oral health. Medically compromised patients are the majority of the population treated at the GPR Program in Puerto Rico. Chronic periodontitis is prevalent in the general population and also in the patients with systemic disorders. The case with the latter is that the condition tends to aggravate. The need of a protocol to identify the needs of periodontal treatment in immunocompromised patients is crucial for correct assessment, slowing the progress of the disease and achieving oral health.

**Providing Quality Dental Care To An Underserved Population: Pediatric And Adolescent Patients With Autism Spectrum Disorders (ASD)**
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Oscar Padilla, Nova Southeastern University, College of Dental Medicine; Tara Sheehan, Nova Southeastern University*

Individuals with Autism Spectrum Disorders (ASD) are currently an under-served population. Common barriers to accessing quality care include shortage of dentists trained and willing to
provide services, parental anxiety with the dental setting and healthcare system, and challenging behaviors that interfere with completion of dental procedures. This presentation will focus on patient management and the specific strategies that may be implemented before, during and after the dental visit to improve the dental experience and may instill positive lifelong oral health care outcomes.

Service To Patients With Special Needs Report Of The 3rd Annual Guatemala Mission
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Ryan Fort, UTHSCSA AEGD; Alicia Casarez-Quintana, UTHSCSA AEGD

Service to Patients with Special Needs Report of the 3rd Annual Guatemala mission

Substance Abuse Pedagogy; Dental Management Of A Rehabilitated Heroin Abuser
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Audra Robinson, New York University Dentistry; Marc Henschel, NYU Dentistry

Surgical Stent For Traumatic Rehabilitation
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Mackenzie Kelley, Carolinas Medical Center

This poster presentation follows the process of fabricating a surgical stent for stabilization of a patient’s occlusion, following a motor vehicle crash. This nine-year-old patient sustained a mandibular fracture, maxillary and mandibular alveolar ridge fractures, multiple fractures of maxilla including palatal suture fracture, bilateral zygomatic arch fractures, and multiple orbital fractures. A team of dentists, specialists and a plastic surgeon worked together in order to fabricate a surgical stent to stabilize this patient's occlusion. This poster presentation highlights a positive patient outcome as a direct result of multidisciplinary care.

The New Faculty Of Dental Trainers And The International Membership (Into M SPEC Care Dent RACED) In Special Care Dentistry From The Royal College Of Surgeons Of Edinburgh (RACED) UK
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Sarah Manton, Royal College of Surgeons of Edinburgh

This presentation discusses the need to quality assure training programmes in Special Care
Dentistry by ensuring that trainees are examined to consistent standards. The International Membership in Special Care Dentistry from the Royal College of Surgeons of Edinburgh is described. This examination assesses overseas training programmes at the level of a specialist. To secure safe patient care, it is mandatory for all trainers to be qualified to train & to have the required skills. The newly launched Faculty of Dental Trainers is described, along with the rationale for its development, its aims and the details of how to join.

**Total Parenteral Nutrition And Dental Care**  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Nicholas Osborne, UT Medical center*

For a variety of medical reasons, some patients obtain nutrition parenterally long-term and/or definitively. These patients do not pass nutrition orally, which will produce consequences and possibly oral hygiene benefits. The oral environment is directly affected by what we eat. Mastication produces saliva, which lubricates the mouth and has pH buffering abilities, which combat acidic food. An overview of research into dental considerations is needed for optimal patient education.

**Treating TAD: More Than Mouth Guards**  
Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Daniel Burgin, University General Dentists*

Between 5 and 12% of the general population suffer from a multifactorial group of conditions classified as a temporomandibular joint disorder (TMD). With symptoms ranging from mild discomfort to significant pain, TMD can cause major disruptions to daily life. Frequently, these patients are referred to specialists for treatment or vaguely treated with night guards due to an inability for general practitioners to properly diagnose etiology. The purpose of this Special Care project is to help simplify clinical TMD diagnosis and recommend consistent treatment options within the scope of general dentistry.

Saturday, March 11, 2017: 4:30 PM- 6:30 PM  
*Robert Witton, Plymouth University Peninsula School of Dentistry; Wendy Smith, Peninsula Dental Social Enterprise CIC*
Understanding oral health care needs and oral health-related quality of life in vulnerable adults in Plymouth, UK: an oral health needs assessment

Use Of Nonverbal Communication In Treating Patients With Special Needs
Saturday, March 11, 2017: 4:30 PM- 6:30 PM
Monica Ashok, Stony Brook School of Dental Medicine

Non-verbal communication is a powerful tool in treating patients with special needs (PWSN), especially for those who cannot communicate verbally. Clinical interactions between patient and pediatric dentist were videotaped and non-verbal actions by the provider were noted. The duration of non-physical interactions (eye contact, smiling, etc.) was found to be significantly greater in non-special needs controls while the duration of physical interactions was significantly greater in PWSN. Non-verbal communication, especially involving physical interactions, is essential for establishing trust of the patient. Video-based patient-clinician interactions will be used to teach students about effective utilization of non-verbal communication in a clinical setting.

Click here to learn more about the Annual Meeting.