



MASTERY
Dental Academy
London

Mastery Professional Pediatric Dentistry Program



Dubai

Introduction to the Program

The Mastery Professional Pediatric Dentistry Program is a comprehensive program designed to empower dentists with the skills and knowledge necessary to excel in the specialized field of pediatric dentistry. This program goes beyond basic dental care, equipping participants to practice pediatric dentistry with confidence and precision.

Dentists will learn the art of managing young patients with an empathetic, psychologically informed approach, ensuring that each child feels comfortable and safe during their dental visits. The program also emphasizes practical restorative techniques tailored to the unique needs of children, enabling participants to deliver high-quality dental care that is both effective and child-friendly.

The importance of understanding and managing pediatric patients cannot be overstated. A child's dental experience during their formative years has a lasting impact, shaping their perception of oral health and influencing their behavior well into adulthood. By attending this program, dentists will gain the expertise to provide their young patients with positive, memorable experiences, fostering lifelong trust in dental care and ensuring a brighter smile for generations to come.





Program Overview

Program Objectives

- Enhance clinical proficiency in pediatric dentistry.
- Build confidence in managing pediatric patients.
- Overcome challenges with uncooperative pediatric behavior.
- Improve diagnostic and practical skills for effective treatments.
- Understand the psychology of children to ensure better patient management.
- Gain comprehensive knowledge of pharmacological behavior management and pain control.
- Master caries management and non-invasive restorative procedures.
- Learn the proper application of Zirconia, Bioflex, and Stainless Steel (SS) crowns.

Duration

2 Months

Hands-on Program

The MPD. PEDO Program incorporates hands-on sessions, interactive discussions, and case-based learning to provide dentists with a truly comprehensive experience in the field of pediatric dentistry. This well-rounded approach ensures that participants not only learn theoretical concepts but also acquire the practical skills needed for real-world application.

Hands-on sessions are a cornerstone of the program, allowing participants to practice techniques on **realistic simulation models** that are fully equipped with all necessary materials and instruments. These sessions provide invaluable opportunities to refine restorative applications and enhance technical precision in a controlled environment.

Additionally, live demonstration sessions will offer participants insights into advanced restorative applications, while interactive sessions on behavior management techniques will empower them to handle pediatric patients with confidence and empathy. This dynamic combination of learning methods ensures that participants leave the program with the knowledge, skills, and confidence to excel in pediatric dentistry.



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Module 1

Behavior Management, Pain Management and Nitrous Oxide Sedation

Module 2

Restorative Pediatric Dentistry





Program Agenda

Module 1 - Day 1

Time	Topic	Lecture Workshop
09:00 AM - 10:00 AM	Introduction to Pediatric Dentistry and Child Behavior <ul style="list-style-type: none">• Child is not as small adult – “Clinical considerations”• Types of fears in kids – “Case discussion”	Lecture
10:00 AM - 11:00 AM	Understanding Child Cooperation in Pediatric Dentistry <ul style="list-style-type: none">• How to classify cooperation levels in pediatric dentistry?• Diagnosis – How to deal?• Spoiled child syndrome in pediatric dentistry: Diagnosis and management – “Case discussion”	Lecture
11:00 AM - 11:30 AM	Break	
11:30 AM - 12:30 PM	Types of Parents and Their Influence on Pediatric Dentistry <ul style="list-style-type: none">• Types of parents: How to diagnose? How to deal with?• Overprotective parent or Helicopter parent – “Case discussion”• Exaggerated parent – “Case discussion”• Neglectful parenting: Your role and how to deal – “Case discussion”• Over demanding parents• Permissive Parenting in Pediatric Dentistry	Lecture
12:30 PM - 01:30 PM	Overview of Behavior Management in Pediatric Dentistry <ul style="list-style-type: none">• Behavior management techniques overview• Introduction to basic techniques:<ul style="list-style-type: none">• Iatrosedation: Tips and tricks – “Case discussion”	Lecture
01:30 PM - 02:30 PM	Lunch Break	



Program Agenda

Module 1 - Day 1

Time	Topic	Lecture Workshop
02:30 PM - 03:30 PM	Communication-Based Techniques for Behavior Guidance <ul style="list-style-type: none">• Tell-show-do – “Case discussion”• Distraction – “Case discussion”• Positive reinforcement – “Case discussion”• Parental presence-absence – “Case discussion”	Lecture
03:30 PM - 04:30 PM	Voice and Modeling Techniques for Behavior Guidance <ul style="list-style-type: none">• Voice control – “Case discussion”• Live modeling – “Case discussion”	Lecture
04:30 PM - 05:30 PM	Reward Systems and Case Discussions <ul style="list-style-type: none">• Rewarding – “Case discussion”• Comprehensive case discussions covering all techniques	Lecture



Program Agenda

Module 1 - Day 2

Time	Topic	Lecture Workshop
09:00 AM - 10:00 AM	Fundamentals of Sedation in Pediatric Dentistry <ul style="list-style-type: none">• Understanding of sedation types, levels, and qualifications• Requirements and protocols for N₂O-O₂ inhalation sedation	Lecture
10:00 AM - 11:00 AM	Maximizing Sedation Effectiveness <ul style="list-style-type: none">• Tips to maximize sedation effectiveness• Special approaches for children with special health care needs	Lecture
11:00 AM - 11:30 AM	Break	
11:30 AM - 12:30 PM	Combining Techniques for Effective Pediatric Sedation <ul style="list-style-type: none">• Combining local anesthesia and sedation seamlessly	Lecture
12:30 PM - 01:30 PM	Capnography in Pediatric Dentistry <ul style="list-style-type: none">• Capnography training in pediatric dentistry	Lecture
01:30 PM - 02:30 PM	Lunch Break	
02:30 PM - 03:30 PM	Emergency Preparedness During Sedation <ul style="list-style-type: none">• Emergency management during sedation procedures	Lecture
03:30 PM - 04:30 PM	Sedation with nitrous oxide	Hands-on



Program Agenda

Module 2- Day 1

Time	Topic	Lecture Workshop
09:00 AM - 10:00 AM	Prevention in Pediatric Dentistry <ul style="list-style-type: none">• Indications and techniques of preventive applications in pediatric dentistry.	Lecture
10:00 AM - 11:00 AM	Silver Diamine Fluoride (SDF) <ul style="list-style-type: none">• Application of SDF in pediatric dentistry and its clinical relevance.	Lecture
11:00 AM - 11:30 AM	Break	
11:30 AM - 12:30 PM	Deep Caries Management <ul style="list-style-type: none">• Non-invasive restorative management of deep caries in pediatric patients.	Lecture
12:30 PM - 01:30 PM	Molar-Incisor Hypomineralization (MIH) <ul style="list-style-type: none">• Diagnosis and management strategies for MIH in children.	Lecture
01:30 PM - 02:30 PM	Break	
02:30 PM - 03:30 PM	Dental Trauma in Pediatrics <ul style="list-style-type: none">• Diagnosis and management of dental trauma in pediatric patients.	Lecture
03:30 PM - 04:30 PM	Pulp Therapy in Primary Teeth <ul style="list-style-type: none">• Overview of pulpotomy and pulpectomy techniques.	Lecture



Program Agenda

Module 2- Day 2

Time	Topic	Lecture Workshop
09:00 AM - 10:00 AM	Special Needs Pediatric Dentistry <ul style="list-style-type: none">Approaches and considerations for treating children with special healthcare needs.	Lecture
10:00 AM - 11:00 AM	Crown Placement Techniques <ul style="list-style-type: none">Introduction to zirconia, bioflex, and stainless steel crowns (SSC).	Lecture
11:00 AM - 11:30 AM	Break	
11:30 AM - 12:30 PM	Zirconia Crown Workshop <ul style="list-style-type: none">Hands-on session focusing on zirconia crown placement techniques.	Lecture
12:30 PM - 01:30 PM	Bioflex Crown Workshop <ul style="list-style-type: none">Practical training in bioflex crown placement for pediatric patients.	Lecture
01:30 PM - 02:30 PM	Break	
02:30 PM - 03:30 PM	SSC Crown Workshop <ul style="list-style-type: none">Demonstration and hands-on practice of stainless steel crown (SSC) placement	Lecture
03:30 PM - 04:30 PM	Comprehensive Case Discussions <ul style="list-style-type: none">Interactive session discussing case scenarios covering all topics from both days.	Lecture



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Program Speakers



Dr. Anas Alsalami

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DDS, MSc, PhD

Assistant Professor and Program Director of the Master of Science in Pediatric Dentistry MBRU - UAE.

- Dr. Al Salami is currently an Assistant Professor and Program Director of the Master of Science and Residency Programs in Pediatric Dentistry at Hamdan Bin Mohammed College of Dental Medicine, MBRU. He is a Consultant Pediatric Dentist at Dubai Health Dental Hospital and Al Jalila Children's Hospital. He is also a member of The Royal College of Surgeons of Edinburgh, UK and Ireland and fellow of IAPD.
- Dr. Al Salami obtained his Ph.D. degree from Queen's University Belfast, UK. He has published more than 30 articles in scientific journals of international repute. In addition, he published his first book, "Oral Health of Children of Incarcerated Mothers", in 2017 and recently wrote a chapter about Children's Oral Health in the UAE.
- Dr Al Salami received multiple awards, including the IADR Hutton Award and the DHCC Excellence Award. He is a member of the National Institute of Health Specialties (NIHS) Scientific and Examination Committees of the Emirati Board for Pediatric Dentistry and Dental Internship programs in the UAE.



Learning Outcomes

Empathy and Psychological Skills:

- Equip dentists with the ability to approach young patients empathetically and manage them with a psychologically informed methodology.

Behavioral Management of Children:

- Teach techniques to ensure children feel safe and comfortable during dental visits, fostering positive long-term perceptions of oral health.

Specialized Restorative Techniques:

- Provide hands-on training in restorative techniques tailored for children, including handling primary teeth and minimally invasive procedures.

Clinical Excellence:

- Develop competence in managing pediatric patients with special health care needs and in delivering sedation-based treatments effectively. Association and the Academy of General Dentistry US.

Practical Sedation Training:

- Enable dentists to master nitrous oxide, capnography, and other sedation techniques for uncooperative children and those with special needs.

Trauma Management and Emergencies:

- Prepare dentists for diagnosing and managing dental trauma in children, as well as handling emergencies during sedation procedures.

Learning Outcomes

Holistic Pediatric Dental Care:

- Emphasize the importance of preventive care and caries management using advanced techniques such as Silver Diamine Fluoride (SDF) and MIH management.

Cultural and Social Contexts:

- Raise awareness about pediatric dental challenges in various cultural and societal contexts (e.g., the UAE).





Gaps in Practice the Program Will Cover

Limited Pediatric-Specific Training:

- Many general dentists lack specialized training in handling the unique psychological and dental needs of children.

Inadequate Behavior Management Techniques:

- Dentists may not be fully skilled in behavior management strategies like Tell-Show-Do, live modeling, or managing different parenting styles.

Deficient Knowledge in Sedation and Emergencies:

- There is a gap in understanding sedation types, protocols, and emergency preparedness, which this program fills.

Challenges in Treating Special Needs Patients:

- The program addresses the lack of expertise in treating children with special healthcare needs, including those requiring advanced sedation.

Limited Experience in Preventive and Restorative Care:

- Some practitioners are unfamiliar with advanced preventive techniques (e.g., SDF) or restorative practices like zirconia crowns and pulpectomy.

Managing MIH and Complex Dental Conditions:

- Diagnosis and management of complex conditions like Molar-Incisor Hypomineralization (MIH) are not widely covered in standard dental programs.

Gaps in Practice the Program Will Cover

Lack of Focus on Patient Experience:

- Emphasis on creating a positive and memorable experience for children during dental visits is often overlooked, which can impact future dental behaviors.

Comprehensive Clinical Skills Development:

- The program bridges the gap in combining technical, clinical, and behavioral aspects of pediatric dentistry to ensure well-rounded care.



Assessment and Certification

Assessment and Recognition

Participants' knowledge and skills will be assessed through methods such as written tests and oral exams. Successful completion of the program will lead to a Mastery Professional Pediatric Dentistry Program recognized by the Mastery Academy. Additionally, participants can earn 42 CE hours recognized by the American Dental Association and the Academy of General Dentistry US.





Program Fact Sheet

Course Description	2-Month Program enhancing dentist experience in Pediatric Dentistry
Number of Certificates	3 CME Certificates (Module 1, Module 2 & Final Program Certificate) Program Certificate by Mastery Academy Wall certificate
Certification Title	Mastery Professional Pediatric Dentistry Program
Credits	42 CME Hours
Number of Parts	2 Modules
Methods of Assessment	Written test, oral exam
Duration of the Program	2-Month
Certificate Delivery	Upon successful completion of the program
Eligibility Criteria for Admission	Dentists with/without prior Pediatric Dentistry experience



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