



MASTERY®
Dental Academy
London

Mastery Professional Diploma in Pediatric Dentistry



• Introduction to the Program

The Mastery Professional Diploma in 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.

• 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 Mastery Professional Diploma in Pediatric Dentistry 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.

Module 1

Behavior Management, Pain Management and
Nitrous Oxide Sedation

Module 2

Restorative Pediatric Dentistry

Program Agenda

Module 1 - Day 1

Led by Dr. Anas Alsalamy

TIME	Topic	Lecture Hands-on
09:00 AM – 10:00 AM	Introduction to Pediatric Dentistry and Child Behavior	Lecture
10:00 AM – 11:00 AM	Understanding Child Cooperation in Pediatric Dentistry Types of Parents and Their Influence on Pediatric Dentistry	Lecture
11:00 AM – 11:30 AM	Break	—
11:30 AM – 12:30 PM	Overview of Behavior Management in Pediatric Dentistry	Lecture
12:30 PM – 02:00 PM	Dental Trauma in Pediatrics	Lecture
02:00 PM – 03:00 PM	Lunch Break	—
03:00 PM – 04:00 PM	Pain & Infection Management	Lecture

Program Agenda

Module 1 - Day 2

Led by Dr. Anas Alsalamy

TIME	Topic	Lecture Hands-on
09:00 AM – 10:00 AM	Fundamentals of Sedation in Pediatric Dentistry Understanding of sedation types, levels, and qualifications Requirements and protocols for N ₂ O-O ₂ inhalation sedation	Lecture
10:00 AM – 11:00 AM	Maximizing Sedation Effectiveness Tips to maximize sedation effectiveness Special approaches for children with special healthcare needs	Lecture
11:00 AM – 11:30 AM	Break	—
11:30 AM – 12:30 PM	Combining Techniques for Effective Pediatric Sedation Combining local anesthesia and sedation seamlessly	Lecture
12:30 PM – 01:30 PM	Capnography in Pediatric Dentistry Capnography training in pediatric dentistry	Lecture
01:30 PM – 02:30 PM	Lunch Break	—
02:30 PM – 03:30 PM	Emergency Preparedness During Sedation Management of medically compromised patients	Lecture
03:30 PM – 04:30 PM	Sedation with nitrous oxide	Hands-on

Program Agenda

Module 2 - Day 1

Led by Dr. Anas Alsalamy

TIME	Topic	Lecture Hands-on
09:00 AM – 10:00 AM	Prevention in Pediatric Dentistry Indications and techniques of preventive applications in pediatric dentistry.	Lecture
10:00 AM – 11:00 AM	Silver Diamine Fluoride (SDF) 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 Non-invasive restorative management of deep caries in pediatric patients.	Lecture
12:30 PM – 01:30 PM	Molar-Incisor Hypomineralization (MIH) Diagnosis and management strategies for MIH in children.	Lecture
01:30 PM – 02:30 PM	Break	—
02:30 PM – 04:00 PM	Pulp Therapy in Primary Teeth Overview of pulpotomy and pulpectomy techniques.	Lecture

Program Agenda

Module 2 - Day 2

Led by Dr. Anas Alsalam

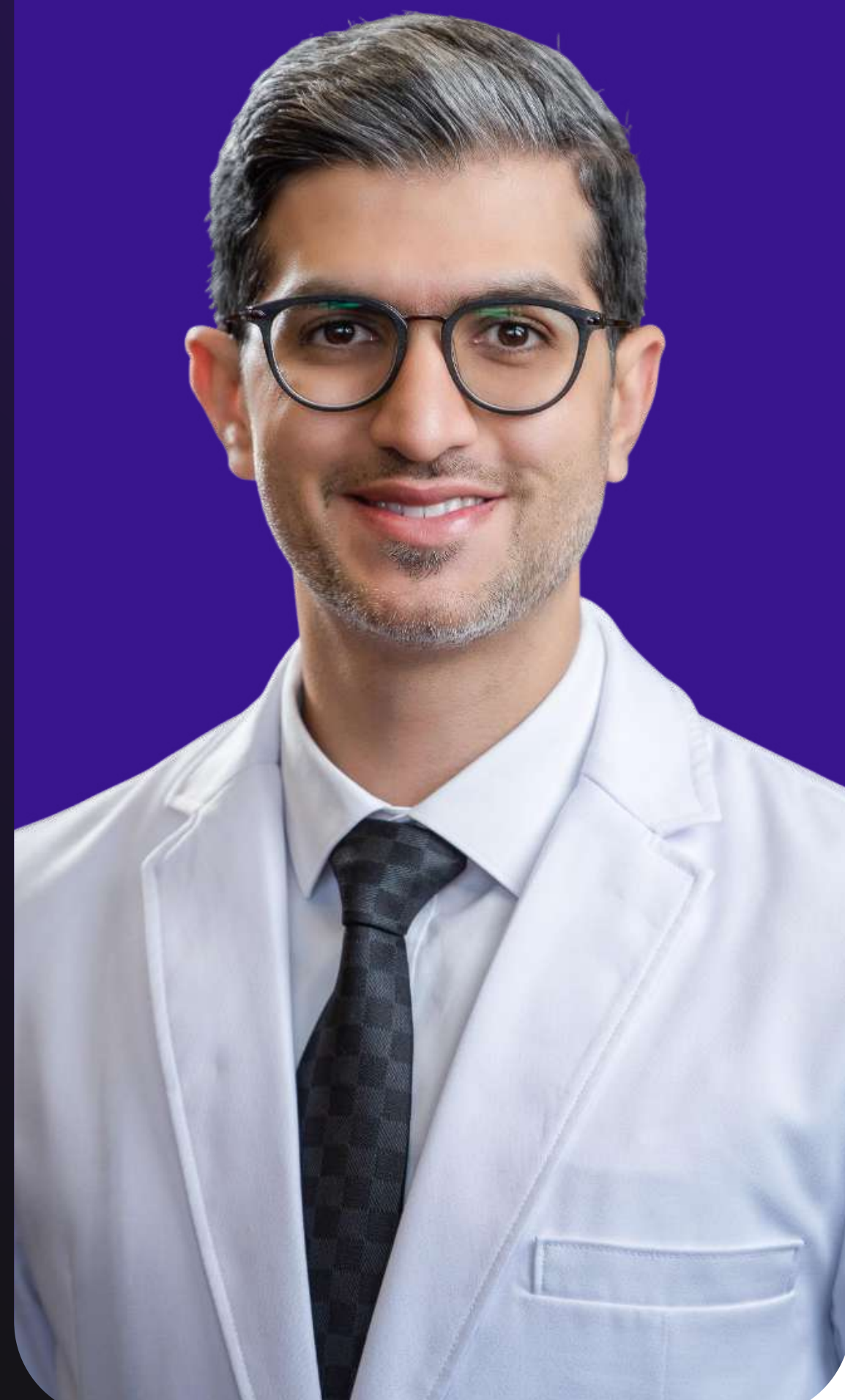
TIME	Topic	Lecture Hands-on
09:00 AM – 10:00 AM	Special Needs Pediatric Dentistry Approaches and considerations for treating children with special healthcare needs.	Hands-on
10:00 AM – 11:00 AM	Crown Placement Techniques Introduction to zirconia, bioflex, and stainless steel crowns (SSC).	Hands-on
11:00 AM – 11:30 AM	Break	
11:30 AM – 12:30 PM	Zirconia Crown Workshop Hands-on session focusing on zirconia crown placement techniques.	Hands-on
12:30 PM – 01:30 PM	Bioflex Crown Workshop Practical training in bioflex crown placement for pediatric patients.	Hands-on
01:30 PM – 02:30 PM	Break	
02:30 PM – 03:30 PM	SSC Crown Workshop Demonstration and hands-on practice of stainless steel crown (SSC) placement.	Hands-on
03:30 PM – 04:30 PM	Comprehensive Case Discussions Interactive session discussing case scenarios covering all topics from both days.	Hands-on

• Program Speakers

Dr. Anas Al salami

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.

Learning Outcomes

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.

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

1- Limited Pediatric-Specific Training:

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

2- 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.

3- Deficient Knowledge in Sedation and Emergencies:

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

4- 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.

5- 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.

• Gaps in Practice the Program Will Cover

1- 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.

2- 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.

3- 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 & 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 the Mastery Professional Diploma in Pediatric Dentistry Certificate, recognized by Mastery Academy. Additionally, participants can earn recognized CE hours.



• Program Fact Sheet

Course Description	2 Months Program enhancing dentist experience in Pediatric Dentistry
Number of Certificates	2 CMEs Accredited Certificates (Module 1, Module 2) Program Certificate by Mastery Academy Wall certificate by Mastery Academy
Certification Title	Mastery Professional Diploma in Pediatric Dentistry
Credits	24+ CE Hours
Number of Parts	2 Modules
Methods of Assessment	Written test, oral exam
Duration of the Program	2 Months
Certificate Delivery	Upon successful completion of the program
Eligibility Criteria for Admission	Dentists with/without prior Pediatric Dentistry experience



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