

CURRICULUM VITAE



Personal details

- **Name :** Thikrayat Bani-Hani
- **Date of birth :** 6th Feb 1988
- **Nationality:** Jordanian
- **Address :** Faculty of Dentistry, Jordan University of Science & Technology, P.O.Box 3030, Irbid 22110, Jordan
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- **Email:** tgbanihani@just.edu.jo
- **Nationality:** Jordanian
- **Social status :** Married (with 4 children)
- **Spoken languages:** Arabic (Mother language), English (Fluent, with IELTS & TOEFL).

Education & academic qualifications

Year	Degree	University /place
2025	The International Association of Paediatric Dentistry (IAPD) Fellowship (F-IAPD)	The International Association of Paediatric Dentistry (IAPD)
2021	Fellowship in Dental Traumatology (F-IADT)	International Association of Dental Traumatology (IADT)
2018	Jordanian Dental Board (JDB/Paeds)	Jordan Medical Council
2017	Fellowship of the Faculty of Dentistry(Paeds)of the Royal College of Surgeons- Ireland (FFD (Paeds)- RCSI)	Royal College of Surgeons- Ireland(RCSI)
2017	Certificate of Completion of Specialist Training (CCST)	The Irish Committee for Specialist Training , Dublin
2014- 2017	D.Ch.Dent Paediatric Dentistry	Trinity College, Dublin
2013	Membership of the Faculty of Dentistryof the Royal College of Surgeons- Ireland (MFD- RCSI)	Part 1 : University of Jordan Part 2 : RCSI Medical University of Bahrain
2006- 2011	Bachelor of Dental Surgery (BDS)	Jordan University of Science & Technology

Clinical training experience (2014-2017):

Completed a three-year specialty clinical training program in Paediatric Dentistry at Trinity College Dublin, Ireland. The training involved:

- * Regular participation in paediatric clinical sessions over three years, with extensive patient and parent communication in both dental (Dublin Dental University Hospital) and hospital settings (Tallaght and Crumlin Hospitals).
- * Assessment and management of a wide range of paediatric patients, including healthy children, medically compromised patients, and children with special healthcare needs, across diverse social backgrounds.
- * Provision of preventive, restorative, and surgical dental care under local anaesthesia, conscious sedation, and general anaesthesia, tailored to varying levels of patient cooperation.
- * Attendance at paediatric dental trauma specialty clinics, as well as joint multidisciplinary clinics and seminars.
- * Supervision of undergraduate dental students during clinical training (2015–2016).
- * Completion of a two-week medical rotation at Our Lady's Children's Hospital, Crumlin.
- * Formal training in research methodology, along with thesis-based research project.
- * Attendance and participation in several national and international scientific conferences and workshops.

Work experience

- **Associate Professor in Paediatric Dentistry**, Department of Preventive Dentistry, Jordan University of Science and Technology (JUST), Jordan
December 2025 – Present
Undergraduate and postgraduate teaching and clinical supervision; clinical and academic research; participation in academic and administrative committees; provision of paediatric dental care in outpatient and hospital settings.
- **Assistant Professor in Paediatric Dentistry**, Jordan University of Science and Technology (JUST), Jordan
December 2018 – May 2025
- **Full-Time Lecturer in Paediatric Dentistry**, Jordan University of Science and Technology (JUST), Jordan
October 2017 – December 2018
- **Postgraduate Student / Resident in Paediatric Dentistry**, Dublin Dental University Hospital, Trinity College Dublin (TCD), Ireland
September 2014 – September 2017
Funded by a scholarship from Jordan University of Science and Technology.
- **Clinical Observer**, Paediatric Dental Clinics, Dublin Dental University Hospital, Trinity College Dublin (TCD), Ireland
October 2013 – March 2014
- **Lecturer and Laboratory Supervisor (Basic Sciences: General and Head & Neck Anatomy)**, Faculty of Medicine, Jordan University of Science and Technology (JUST), Jordan
January 2013 – September 2013
- **General Dentist**, Private Practice, Jordan
January 2012 – January 2013
- **Intern Dentist**, Ministry of Health, Jordan
July 2011 – January 2012
- **Tutor in Basic Sciences**, Al-Qousor Academy, Jordan
June 2011 – June 2012
Taught basic sciences to undergraduate medical and dental students.

Administrative work:

- **Head, Department of Preventive Dentistry**, Jordan University of Science and Technology (JUST)
September 2025 – Present
- **Head, Postgraduate Students Committee**, Department of Preventive Dentistry, JUST
September 2025 – Present
- **Head, Division of Paediatric Dentistry**, King Abdullah University Hospital
September 2022 – Present
- **Supervisor, Division of Paediatric Dentistry**, Department of Preventive Dentistry, JUST
September 2022 – Present
- **Member, Postgraduate Students Committee**, Department of Preventive Dentistry, JUST
September 2023 – Present
- **Faculty Representative**, Faculty of Dentistry Council, Jordan University of Science and Technology
September 2022 – Present
- **Member, Electronic Website Committee**, Jordan University of Science and Technology
September 2021 – September 2022
- **Member, Scientific Research Committee**, Department of Preventive Dentistry, JUST
2019 – 2020

Teaching experience:

- **Supervisor / Co-Supervisor** for postgraduate and Master's theses in Paediatric Dentistry, Public Health, and Clinical Pharmacology
2021 – Present
- **Clinical Supervisor** for postgraduate dental students
2018 – Present
- **Course Coordinator and Lecturer**, Advanced Paediatric Dentistry (Master's Program)
2023 – Present
- **Clinical Supervisor** for undergraduate dental students
2017 – Present
- **Course Coordinator and Lecturer**, Basic Paediatric Dentistry for 3rd-, 4th-, and 5th-year undergraduate dental students
2017 – Present

Workshops in Education:

- “Rubric Matters Quality” by the Center of E-learning and Open Educational Resources, JUST, 8th Sep , 2025
- “Technical skills to manage the e-learning system”, Self online teaching course, 15th Jan 2024, JUST, Jordan
- “Dental education and assessment” by Prof. Lily Garcia, 11th Jun, 2023, JUST, Jordan
- “Designing Effective E-Learning”, 4th-6th Oct 2021, Academic Development and Quality Assurance Center, JUST
- “Designing your blended course” , 28th Sep 2021, e-learning center , JUST

Publications in Education:

- ◆ Ali, K., Alhaija, E. S. A., Raja, M., Zahra, D., Brookes, Z. L., McColl, E., ... & Daher, H. O. (2023). **Blended learning in undergraduate dental education: a global pilot study.** *Medical Education Online*, 28(1), 2171700.
- ◆ Al-Fodeh, R. S., Alwahadni, A., Abu Alhaija, E. S., Bani-Hani, T., Ali, K., Daher, S. O., & Daher, H. O. (2021). **Quality, Effectiveness and Outcome of Blended Learning in Dental Education during the COVID Pandemic: Prospects of a Post-Pandemic Implementation.** *Education Sciences*, 11(12), 810.

Research experience / Publications:

1. Philip, N., Kowash, M., Bani-Hani, T., Shahawy, O. E., Issa, A., Mohamed, H., Abdalla, M., Jundi, S., Albadri, S., Duggal, M., & Nazzal, H. (2025). **Pulpotomy for treating primary molars with clinical symptoms indicative of irreversible pulpitis: A prospective single-arm pilot study.** *Journal of dentistry*, 163, 106140. Advance online publication.
2. Mansour, Abdelmajid & Rawashdeh, Sara & Bani-Hani, Thikrayat. (2025). **Caries Pattern in Monozygotic Twin Based on Clinical, Medical and Behavioral Observations: A Case Study.** *Jordan Journal of Dentistry*. 2. 2025. 10.14525/JJD.v2i4.09.
3. Bani-Hani T, Wedyan M, Al-Fodeh R, Shuqeir R, Al Jundi S, Tewari N. **Artificial intelligence model for application in dental traumatology.** *Eur Arch Paediatr Dent*. 2025 Dec;26(6):1117-1124. doi: 10.1007/s40368-025-01063-0. Epub 2025 May 31. PMID: 40448917.
4. Bani-Hani T, Abu-Abbas RB, Tabnjh AK. **Clinical evaluation of pediatric zirconia crowns cemented with two luting cements: a 12 months split-mouth randomised controlled trial.** *Eur Arch Paediatr Dent*. 2025 Jun;26(3):591-599. doi: 10.1007/s40368-025-01036-3. Epub 2025 Apr 18. PMID: 40249554.
5. Bani-Hani T, Taha H, Al-Batayneh OB. **Hypomineralised Second Primary Molars (HSPM): Prevalence, Clinical Characteristics and Association with Molar Incisor Hypomineralisation (MIH) in Children in Jordan.** *Eur J Paediatr Dent*. 2025 Dec 7;26(4):315-321. doi: 10.23804/ejpd.2025.2210. Epub 2025 Feb 1. PMID: 39960467.
6. Bani-Hani T, Al-Fodeh RS, Al-Wahadni AM, Abu-Alhaija ES, Al-Hakam M. **An In-Vitro Investigation into the Fracture Resistance of Prefabricated and Custom-Made Zirconia Crowns for Permanent Molars in Children.** *Dentistry Journal*. 2025; 13(2):64.
7. Bani-Hani, T., Al-Fodeh, R., Bataineh, M., & Tabnjh, A. (2024). **Are we adequately managing the oral health needs of children: a survey of the experience of general dentists and self-assessed confidence in pediatric dentistry.** *J Clin Pediatr Dent*, 48(4), 176-184.
8. Bani-Hani, T., Al-Fodeh, R., Tabnjh, A., & Leith, R. (2024). **The Use of Local Anesthesia in Pediatric Dentistry: A Survey of Specialists' Current Practices in Children and Attitudes in Relation to Articaine.** *International Journal of Dentistry*, 2024, 2468502.

9. Rami S. Al-Fodeh, Mohammad Z. Daoud, Layla Abu Naba'a, Sana Algharaibeha, Thikrayat Bani-Hani (2023). **The Effect of Hydrothermal Aging on Biaxial Flexural Strength of Contemporary CAD/CAM Dental Ceramics.** *Journal of International Dental & Medical Research* . 16 (2), 580-587.
10. Ali, K., Alhaija, E. S. A., Raja, M., Zahra, D., Brookes, Z. L., McColl, E., ... & Daher, H. O. (2023). **Blended learning in undergraduate dental education: a global pilot study.** *Medical Education Online*, 28(1), 2171700.
11. Bani-Hani, T., Leith, R., & O'Connell, A. C. (2022). **Long-Term Sequelae of Undiagnosed Intrusion of a Primary Tooth.** *Dentistry Journal*, 10(11), 202.
12. Al-Fodeh, R. S., Alwahadni, A., Abu Alhaija, E. S., Bani-Hani, T., Ali, K., Daher, S. O., & Daher, H. O. (2021). **Quality, Effectiveness and Outcome of Blended Learning in Dental Education during the COVID Pandemic: Prospects of a Post-Pandemic Implementation.** *Education Sciences*, 11(12), 810.
13. Bani-Hani TG, Olegário IC, O'Connell AC. **The cost of dental trauma management: A one-year prospective study in children.** *Dent Traumatol.* 2020 Oct;36(5):526-532.
14. Bani-Hani TB, O'Connell AC, Duane B. **Casein phosphopeptide-amorphous calcium phosphate products in caries prevention.** *Evid Based Dent.* 2016 Jun;17(2):46-7.

Ongoing research work:

1. Developing an Artificial Intelligence Model for Application in Dental Traumatology
2. The Effect of Virtual Reality Distraction on Pain and Anxiety During Dental Treatment in Children with Molar- Incisor Hypomineralization (MIH): A Randomized Controlled Clinical Trial
3. Evaluation of fracture resistance of prefabricated zirconia crowns, and Bioflx crowns: an in vitro study
4. Clinical Performance of Prefabricated Zirconia Crowns Vs Stainless-Steel Crowns in Young Permanent Molars: A One-year Split-Mouth randomized controlled trial
5. Clinical and radiographic success of MTA full pulpotomy VS MTA partial pulpotomy in primary molars; a split-mouth randomized controlled trial.
6. Prevalence of dental erosion, clinical presentation, and risk factors among Jordanian children.
7. Knowledge, attitudes and practices of antibiotics among dentists treating children: A cross-sectional study in Jordan
8. The use of artificial intelligence in early detection of MIH/HSPM in children
9. Treatment outcomes of pulpotomy in vital primary molars with symptomatic irreversible pulpitis: Protocol for a multi-centre prospective clinical trial.
10. Clinical and radiographic success of zirconia versus Hall crowns in hypomineralised primary molars: a split-mouth randomized controlled trial.
11. The use of artificial intelligence in the diagnosis of Early Childhood Caries (ECC) in children
12. The use of self-assembling peptide in the remineralisation of hypomineralised incisors
13. The impact of hypomineralized second primary molars on oral health-related quality of life: a pre- and post- treatment assessment

Other research-related work:

- **Poster judge** at the 22nd World Congress on Dental Traumatology, 12th-15th Jul 2024, Tokyo, Japan
- Participated in **peer reviewes** of scientific papers in several international journals, e.g. European Archives of Paediatric Dentistry, European Journal of Dental Education(2024), Journal of Clinical Pediatric Dentistry (2023), Dental Traumatology Journal (2022), BMC Oral Health Journal (2018-2019) and others.
- Statistical Data Analysis Using **SPSS Workshop**, 17th-18th Sep 2019, at Academic Development and Quality Assurance Center , JUST
- Completed an **audit** project on recordkeeping at the Dublin Dental University Hospital 2016.

Examinership:

- Member of the examination committee of the **Jordanian Dental Board** in pediatric dentistry , Jordan Medical Council (Sep 2025- present).
- **Internal Examiner** for 2 master students at Faculty of Dentistry, JUST:
 - The success rate and acceptability of conventional and modified Hall crowns among children and parents: A randomised clinical trial (Jan, 2025)
 - The influence of effective post-operative pain management following dental treatment under general anesthesia on parental satisfaction and patients outcomes (Jan,2023).
- Evaluator/ a committee member of the '**full time lecturer**' **job applications** at the Preventive Department, Faculty of Dentistry -JUST, July 2022
- Examiner/committee member in the **master program entrance exam** in pediatric dentistry Jul 2020

Professional Memberships:

- **Fellow**, International Association of Paediatric Dentistry (F-IAPD) – *April 2025 – Present*
- **Member**, International Academy of Paediatric Dentistry (IAPD) – *January 2023 – Present*
- **Fellow**, International Association of Dental Traumatology (IADT) – *2021 – Present*
- **Member**, International Association of Dental Traumatology (IADT) – *2017 – Present*
- **Member**, Arabian Academy of Paediatric Dentistry (ArAPD) – *2019 – Present*
- **Member**, Jordanian Society of Paediatric Dentistry (JSPD) – *2018 – Present*
- **Fellow**, Royal College of Dental Surgeons of Ireland (RCDSI) – *2017 – Present*
- **Member**, Royal College of Surgeons, Ireland (RCSI) – *2013 – Present*
- **Member**, Jordan Dental Association – *2011 – Present*

Awards and prizes

- **Erasmus Academic Staff Exchange** at Medical university of Lublin, Poland, Jul 2023
- **The Case Report Competition** by the International Association of Dental Traumatology (IADT)- May 2022
- **Distinguished Teacher at the Faculty level** - May 2022

Volunteer service

- Organised an **“Open Oral Health Promotion and Trauma Awareness Day”** in Celebration of the Global Dental and Oral Trauma Day at Dental Teaching Center (DTC), JUST , 21st Sep 2025
- Participated in schoolchildren screening and oral health promotion in public and private schools in Irbid (Nov 2022-Feb 2023)
- Provided oral health promotion to children at Sukainah Bent Al-Hussain primary school, 2019
- Assisted & supervised Saudi dental students in providing volunteer dental education to the public at Irbid City Center, 2018
- Participated in a volunteer oral health promotion provided to children at Al-Yarmouk model school, 2017

Conferences and meetings	
1. The 17th Irbid international conference in Dentistry	20 th -22 nd April 2011 Irbid, Jordan
2. The 2nd international scientific conference of the Faculty of Dentistry "Towards advancement and excellence in Dentistry"	7 th -8 th May 2014 JUST , Jordan
3. The Irish Society of Dentistry for Children (ISDC) "Be prepared: medical and dental emergencies in children"	14 th May 2015 Dublin, Ireland
4. The 25th Congress of the International Association of Paediatric Dentistry (IAPD)	1 st -4 th Jul 2015 Glasgow, Scotland
5. POEMS for children –Anxiety management training	6 th Nov 2015 Belfast, Northern Ireland
6. The 5th Copenhagen trauma symposium by the IADT - Treatment challenges in dental traumatology	29 th -30 th Apr 2016 Copenhagen , Denmark
7. Annual scientific meeting of Irish Society of Dentistry for Children (ISDC): "Stay alive : the pulp in trauma and caries"	12 th May 2016 Dublin, Ireland
8. The 13th congress of European academy of Paediatric Dentistry (EAPD) Poster Presenter at the conference " The management of tongue-tie in children"	2 nd -5 th Jun 2016 Belgrade, Serbia
9. The British Society of Paediatric dentistry (BSPD)	13 th -16 th Sep 2016 Leeds , UK
10. The Annual Scientific Meeting at the Royal College of Surgeons in Ireland (RCSI): "Small beginnings-big outcomes"	28 th -29 th Oct 2016 Dublin, Ireland
11. The 10th interim seminar of the European Academy of Paediatric Dentistry (EAPD): Local Anaesthesia in Paediatric Dentistry	20 th -22 nd Apr 2017 Turin , Italy
12. The Irish Society of Dentistry for Children (ISDC) Common enemies: weak teeth , discolored teeth and sweet teeth ,	18 th May 2017 Portlaoise, Ireland
13. The 20th World Congress on Dental Traumatology by the IADT and AAE Poster Presenter " the cost of dental trauma in children"	15 th -18 th Aug 2018 San Diego, California, USA
14. The 2nd International Arabian Academy of Pediatric Dentistry Congress: Controversies in pediatric dentistry across cultures and regions	28 th -29 th Nov, 2019 – Sharm ElSheikh, Egypt
15. Submitted an abstract for the 21st World Congress on Dental Traumatology by IADT in 2020,2021	Lisbon, Portugal Cancelled Due to Covid!
16. Scientific evening by the Jordanian Dental Association Lecturer "regenerative endodontics - A hope for hopeless teeth"	20 th Mar 2022, Irbid , Jordan
17. The Alliance of Molar Incisor Hypomineralization Investigation and Treatment (AMIT) Conference and ** Poster Presenter " Hypomineralised Second Primary Molars	30 th Nov- 3 rd Dec, 2022 Munich, Germany

(HSPM) : Prevalence, Clinical Characteristics and Association with Molar Incisor Hypomineralisation (MIH) in Children in Jordan"	
18. The 4th International Scientific Conference of the Faculty of Dentistry "Recent Advancement in Dentistry"	14 th Jun, 2023, JUST, Jordan
19. The 29th Congress of the International Association of Paediatric Dentistry (IAPD) Poster Presenter "Clinical evaluation of pediatric Zirconia crowns cemented with two luting cements : a split-mouth randomized controlled trial"	15 th -17 th Jun, 2023 Maastricht, the Netherlands
20. Participated in the Erasmus plus program	10 th -14 th Jul ,2023 Medical University of Lublin, Poland
21. The 5th International Scientific Day of the Faculty of Dentistry "New Dentistry: Trends and Beyond"	12 th Jun-2024 JUST, Jordan
22. The 22nd World Congress on Dental Traumatology Fellowship Award Case Report Award Oral Presentation & Poster Judge	12 th -15 th Jul 2024 Tokyo, JAPAN
23. IADR Jordan Section Meeting	30 th Oct , 2024, JUST, JORDAN
24. The 3rd International Congress of the Jordanian Society of Pediatric Dentistry and Special Needs Speaker "Clinical evaluation of pediatric zirconia crowns cemented with two luting cements: a split-mouth randomized controlled trial with 12- and 24-month results" & sessions moderator	27 th -30 th Nov, 2024, Dead Sea, JORDAN
25. The 6th International Scientific Day of the Faculty of Dentistry AI in Dental Education : transforming the future of learning and practice	3 rd Jun 2025
26. The 30th International Association of Paediatric Dentistry (IAPD) Oral presentation " AI use in early detection of MIH in children" Fellowship Ceremony	22-25 Oct 2025 Cape Town , South Africa

Day courses and workshops	
1. A course on Open Disclosure	10 th Feb 2015 Our Lady's Children's Hospital, Crumlin
2. Caring for the child with sickle cell anemia	28 th April 2015 Our Lady's Children's Hospital, Crumlin
3. Motivational Interviewing sessions	30 th Sep & 7 th Oct 2014 DDUH
4. Didactic sedation course	6 th Nov 2014 DDUH
5. Child protection awareness	29 th Oct 2015 Tallaght Hospital
6. CPR –BLS training for healthcare providers	17 th Nov 2015 DDUH
7. EAPD-Irish division scientific meeting	22 nd Jan 2016 Temple Street Children's University Hospital
8. Zirconia crowns Hands-on training	18 th May 2016 DDUH
9. Postgraduate Audit Day	24 th Jun 2016 DDUH
10. EAPD-Irish division scientific meeting	20 th Jan 2017 Temple Street Children's University Hospital
11. Hemophilia day	24 th Jan 2017 National Coagulation Centre, St James Hospital, Dublin
12. GA teaching day	7 th Mar 2017 DDUH
13. Interceptive orthodontic treatment in the mixed dentition	17 th Oct 2018 JUST, Jordan
14. Lasers in pediatric dentistry- applications and impact on behavioral management approaches	11 th April 2019 Amman, Jordan
15. Statistical Data Analysis Using SPSS	17 th -18 th Sep 2019 Academic Development and Quality Assurance Center , JUST

16. The know how in regenerative endodontics	30 th Nov ,2019 Sharm ElSheikh, Egypt
17. Designing your blended course	28 Sep 2021 E-learning Center , JUST
18. Designing Effective E-Learning	4-6 th Oct 2021 Academic Development and Quality Assurance Center, JUST
19. "Communication skills and their impact on changing behaviors and ideas, developing multiple intelligences, and solving educational problems "	10-11 th Aug 2022 Academic Development and Quality Assurance Center, JUST
20. University Regulations That Govern Student-Faculty Relationship	19-20 th Mar 2023 Academic Development and Quality Assurance Center, JUST
21. " Dental education and assessment" by Prof. Lily Garcia	11 th Jun, 2023 JUST, Jordan
22. Self online teaching course	15 Jan 2024 JUST, Jordan
23. ERASMUS + Information Day	29 th Oct ,2024 Irbid National University , JORDAN
24. How to read CBCT?	20 th Jan 2025 JUST, Jordan
25. Cardio-Pulmonary Resuscitation (CPR) Course	Jordanian Dental Association, 31 st Aug 2025 (Sunday 9 Am-3 PM)
26. Infection control lectures	Jordanian Dental Association, 31 st Aug 2025 (Sunday 7- 9 PM)
27. "Rubric Matters Quality"	8 th Sep 2025 JUST