

PUBLICATIONS (as of Dec 2023)

Manuscripts

Incidence, severity, and temporal development of oral complications in pediatric allogeneic hematopoietic stem cell transplant patients—a multicenter study.
Agholme MB, Dahllöf G, Törlén JK, Majorana A, Brennan MT, von Bültzingslöwen I, Tan PL, **Hu S**, Sim YF, Hong C.
Support Care Cancer. 2023 Nov 16;31(12):702.

Accuracy of the American Association of Endodontists diagnostic criteria for assessing pulp health in primary teeth.
IK Dhillon, CHL Hong, **S Hu**, YF Sim, BKC Goh, MS Duggal, G Sriram.
Clinical Oral Investigations, 1-11

Hall technique for primary teeth: A systematic review and meta-analysis
Hu S, BaniHani A, Nevitt S, Maden M, Santamaria RM, Albadri S.
Jpn Dent Sci Rev. 2022 Nov;58:286-297.

Best clinical practice guidance for treating deep carious lesions in primary teeth: an EAPD policy document.
Duggal M, Gizani S, Albadri S, Krämer N, Stratigaki E, Tong HJ, Seremidi K, Kloukos D, BaniHani A, Santamaría RM, **Hu S**, Maden M, Amend S, Boutsiouki C, Bekes K, Lygidakis N, Frankenberger R, Monteiro J, Anttonen V, Leith R, Sobczak M, Rajasekharan S, Parekh S.
Eur Arch Paediatr Dent. 2022 Oct;23(5):659-666.

Non-pharmacological management of dental fear and anxiety in children and adolescents: An umbrella review.
Quek JS, Lai B, Yap AU, **Hu S**.
Eur J Paediatr Dent. 2022 Sep;23(3):230-242.

Combination of Teddy Bear Hospital and Virtual Reality Training increases empathy of medical students.
Thng JZH, Tan FYY, AW MMHY, **Hu S**.
The Asia Pacific Scholar 7 (3), 33-41

Characterization of silver diamine fluoride cytotoxicity using microfluidic tooth-on-a-chip and gingival equivalents.
Hu S, Muniraj G, Mishra A, Hong K, Lum JL, Hong CHL, Rosa V, Sriram G.
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SMART: Silver diamine fluoride reduces microtensile bond strength of glass ionomer cement to sound and artificial caries-affected dentin.
Khor MM, Rosa V, Sim CJ, Hong CHL, **Hu S**.
Dent Mater J. 2022 May 27. doi: 10.4012/dmj.2021-319.

Oral microbiome of Crohn's Disease patients with and without oral manifestations.
Hu S, Mok J, Gowans M, Ong DEH, Hartono JL, Lee JWJ.
J Crohns Colitis. 2022 May 2;jjac063. doi: 10.1093/ecco-jcc/jjac063.

Increasing Empathy for Children in Dental Students Using Virtual Reality.
Hu S, Lai BWP.
Int J Paediatr Dent. 2022 Feb 10. doi: 10.1111/ipd.12957. Epub ahead of print.

Minimal intervention dentistry for managing carious lesions into dentine in primary teeth: an umbrella review.
BaniHani A, Santamaría RM, **Hu S**, Maden M, Albadri S.
Eur Arch Paediatr Dent. 2021 Nov 16. doi: 10.1007/s40368-021-00675-6.

At what age do children have the motor development to adequately brush their teeth?
Chua DR, **Hu S**, Sim YF, Wanyi L, Lai BWP, Hong CHL.
Int J Paediatr Dent. 2022 Jul;32(4):598-606. doi: 10.1111/ipd.12938.

Teaching pediatric behavior management in student dentists with constructive video feedback from faculty.
Hu S, Mok BYY, Tok WW, Wong ML, Hong CHL.
J Dent Educ. 2021 Aug 12. doi: 10.1002/jdd.12756.

Parental perspectives towards sugar-sweetened beverages and policies: a qualitative study.
Chan JXY, Wong ML, Gao X, Chia KS, Hong CHL, **Hu S**.
Eur Arch Paediatr Dent. 2021 Dec;22(6):1033-1040. doi: 10.1007/s40368-021-00648-9.

Ectopic gut colonization: a metagenomic study of the oral and gut microbiome in Crohn's disease.
Hu S, Png E, Gowans M, Ong DEH, de Sessions PF, Song J, Nagarajan N.
Gut Pathog. 2021 Feb 25;13(1):13. doi: 10.1186/s13099-021-00409-5.

Rinsing with water for 1 min after milk formula increases plaque pH
SGS Koh, YF Sim, CJ Sim, **S Hu**, CHL Hong, M. S. Duggal.
Eur Arch Paediatr Dent. 2021 Aug;22(4):611-618. doi: 10.1007/s40368-020-00598-8.

Sodium Hypochlorite Treatment Post-Etching Improves the Bond Strength of Resin-Based Sealant to Hypomineralized Enamel by Removing Surface Organic Content.
Yang QN, Rosa V, Hong CHL, Tan HXM, **Hu S**.
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Recommending 1000 ppm fluoride toothpaste for caries prevention in children.
Hu S, Lai WPB, Lim W, Yee R.
Proceedings of Singapore Healthcare. September 2021:250-253.
doi:10.1177/2010105820963291

Parental acceptance of silver diamine fluoride in children with autism spectrum disorder.
Hu S, Meyer B, Lai BWP, Chay PL, Tong HJ.
Int J Paediatr Dent. 2020 Jul;30(4):514-522. doi: 10.1111/ipd.12624.

World Workshop on Oral Medicine VII: Relative frequency of oral mucosal lesions in children, a scoping review.
Hong CHL, Dean DR, Hull K, **Hu SJ**, Sim YF, Nadeau C, Gonçalves S, Lodi G, Hodgson TA.
Oral Dis. 2019 Jun;25 Suppl 1:193-203. doi: 10.1111/odi.13112.

Infant dietary patterns and early childhood caries in a multi-ethnic Asian cohort.
Hu S, Sim YF, Toh JY, Saw SM, Godfrey KM, Chong YS, Yap F, Lee YS, Shek LP, Tan KH, Chong MF, Hsu CS
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A silver renaissance in dentistry.
Hu S, Meyer B, Duggal M
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A systematic review of dental disease management in cancer patients.
Hong CHL, **Hu S**, Haverman T, Stokman M, Napeñas JJ, Braber JB, Gerber E, Geuke M, Vardas E, Waltimo T, Jensen SB, Saunders DP.
Support Care Cancer. 2018 Jan;26(1):155-174. doi: 10.1007/s00520-017-3829-y.

Interim Therapeutic Restoration (ITR) Approach Versus Treatment under General Anaesthesia (GA) Approach.
SN Lim, L Kiang, R Manohara. HJ Tong, R Nair, CH Hong, **S Hu**
Int J Paediatr Dent. 2017 Nov;27(6):551-557. doi: 10.1111/ipd.12296.

Ameloblastoma Phenotypes Reflected in Distinct Transcriptome Profiles.
Hu S, Parker J, Divaris K, Padilla R, Murrah V, Wright JT
Sci Rep. 2016 Aug 5;6:30867

Transcriptome Variability in Keratocystic Odontogenic Tumor Suggests Distinct Molecular Subtypes
Hu S, Divaris K, Parker J, Padilla R, Murrah V, Wright JT
Sci Rep. 2016 Apr 12;6:24236

Towards Unraveling the Human Tooth Transcriptome: The Dentome
Hu S, Parker J, Wright JT
PLoS One. 2015 Apr 7;10(4):e0124801.

Antibiotic prophylaxis prescribing practices of dentists in Singapore.
Tong HJ, **Hu S**, Mok BY, Islam I, Hong CH.
Int Dent J. 2014 Apr;64(2):108-14.

Abstracts (published)

Salivary Oral Microbiome As A Diagnostic Tool In Crohn's Disease.

Hu S, M Gowans, DEH Ong, JWJ Lee.

IADR 2022 General Session

Interactive Talk presentation, 1046

Increasing Empathy for Children in Dental Students Using Virtual Reality

Hu S, Lai BWP

AAPD 2022 General Session

Poster Presentation, 407

SMART: Microtensile Bond Strength of GIC to SDF-treated Dentine

Khor M, Sim CJ, Rosa V, Hong CHL, **Hu S**.

IADR 2021 General session

Oral Presentation, IADR Pediatric Oral Health Research Group Student Award

A Framework to Develop, Use and Evaluate Technology for Teaching and Learning in Dental Education

KWC Foong, ML Wong¹, F Voon, CC Yen, I Islam, CJ Seneviratne, **S Hu**, FKF Lee, WW Tok, PS Goh, PF Allen

SEAADE 28th Annual Scientific, Taipei, Taiwan, 2017

Oral presentation

The Human Dentome

Hu S, Suggs C, Parker J, Wright JT

Pediatric Dentistry MAR/APR 14 V36/NO 2:191

Oral presentation

Unraveling The Human Dentome

S Hu, C Suggs, JT Wright

J Dent Res 93A:955. 2014

Poster presentation

Abstracts (unpublished)

Caregiver Oral Health Education

E. Boukas, M. Hatfield, **S. Hu**

Dental Research and Review Day, UNC, USA

2015, Poster Presentation

Unraveling The Human Dentome

S Hu, C Suggs, JT Wright

Dental Research and Review Day, UNC, USA

2014, Poster Presentation

Effect of fluoride on regulation of parathyroid hormone
S Hu, Puranik CP, A Martinez-Mier, E. T. Everett
Dental Research and Review Day, UNC, USA
2012, Oral Presentation

Working with Special Needs Patients – A Comparison of Dental Student Perspectives.
S Hu, BYY Mok, YPC Mok, KY Cheong, LP Lim
8th Asia Pacific Medical Education Conference, NUS, Singapore
2011, Poster presentation