List of Publications
2011

Staff : HSU CHIN-YING, STEPHEN
Department : PREVENTIVE DENTISTRY

ARTICLE IN JOURNAL

INTERNATIONAL REFEREEED

PUBLISHED

Publication no. 0474593

Publication no. 0474596

Publication no. 0474595

Publication no. 0339810

Publication no. 0380097

Publication no. 0358132

Publication no. 0358131

Publication no. 0305498


20. Guo*, X L, C S Hsu, Y C Xu, T Loh, D S Q Koh and H B Hwarng, "Promoting positive health
behaviours : "Tooth worm" phenomenon and its implications". Community Dental Health,
(2011). (United Kingdom).
Publication no. 0477849

Publication no. 0132876

Publication no. 0108802

Publication no. 0108794

Publication no. 0224892

Publication no. 0177529

Publication no. 0108797
LOCAL/REGIONAL

ORAL PRESENTATION

PRESENTED BUT NOT PUBLISHED

   Publication no. 0211048

   Publication no. 0172773

   Publication no. 0146643

   Publication no. 0133349

   Publication no. 0130577

6. Hsu, C S, "Laser application on hard tissue - A new development for caries prevention". 8th Congress Asian Pacific Association for Laser Medicine & Surgery (APALMS) (19 - 22 Oct 2000, Faculty of Dentistry, National University Hospital, Singapore)
   Publication no. 0129205

   Publication no. 0122726

   Publication no. 0118564

9. Hsu, C S, "Is melting enamel a necessity for laser-induced caries prevention?". Singapore Dental Association International Meeting Free Communication (3 Apr 1999, Minto Room, Westin Hotel, Singapore)
   Publication no. 0110209
POSTER PRESENTATION

PRESENTED BUT NOT PUBLISHED

10. Hsu*, C S, W O Lee and X GAO, "Effects of multimodal and multi-dimensional learning in "Community Health Study" module". 5th Asia Pacific Medical Education Conference (APMEC) (24 - 27 Jan 2008, University Cultural Centre, National University of S'pore, Singapore)
Publication no. 0364670

11. GAO*, X L, C K Ong, S G Sok, J L Ooi, L Y Tan, Z W Ng and C S Hsu, "Caries risk assessment in Chinese adolescents". Combined Scientific Meeting (CSM05) 2005 (4 - 6 Nov 2005, Convention Centre, Raffles City, Singapore)
Publication no. 0304846

12. Hsu*, C S, X Gao, Z D Ng, J L Ooi and L Y Tan, "Caries status and risk assessment in Chinese children". 8th NUS-NUH Annual Scientific Meeting (7 - 8 Oct 2004, Clinical Research Centre, Faculty of Medicine, NUS, Singapore)
Publication no. 0198012

13. Liu, Y and C S Hsu, "Raman spectroscopy analysis of organic composition of tooth: A preliminary study". 8th NUS-NUH Annual Scientific Meeting (7 - 8 Oct 2004, Clinical Research Centre, Faculty of Medicine, NUS, Singapore)
Publication no. 0197516

Publication no. 0176258

15. Mohamed tahir*, M A, N L Maung and C S Hsu, "The preventive effect of Er-YAG laser on enamel erosion: A pilot qualitative study". 7th NUS-NUH Annual Scientific Meeting - New Frontiers In Medicine (2 - 3 Oct 2003, Clinical Research Centre, Fac of Medicine, National University of S'pore, Singapore)
Publication no. 0172843

Publication no. 0172842

17. Maung*, N L, L C Hwang, W Thorsten and C S Hsu, "Evaluation of human enamel permeability using fluorescence correlation spectroscopy (FCS)". 7th NUS-NUS Annual Scientific Meeting - New Frontiers In Medicine (2 - 3 Oct 2003, Clinical Research Centre, Fac of Medicine, National University of S'pore, Singapore)
Publication no. 0172841


23. Deng*, Y and C S Hsu, "Porosity change in heated enamel". *6th NUS-NUH Annual Scientific Meeting* (16 - 17 Aug 2002, Clinical Research Centre, Faculty of Medicine, National University of S’pore, Singapore) Publication no. 0366790

**INTERNATIONAL**

**ORAL PRESENTATION**

**PUBLISHED**


Publication no. 0147527

Publication no. 0145508

Publication no. 0135502

Publication no. 0134105

Publication no. 0132694

Publication no. 0127693

Publication no. 0116889

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Publication no. 0118566

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Publication no. 0119129

Publication no. 0098999

Publication no. 0132316

Publication no. 0132315

PRESENTED BUT NOT PUBLISHED

41. Hsu, C S, "Non-invasive caries intervention". 30th International Medical And Dental Education Continuing Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) Publication no. 0425741

42. Hsu, C S, "Early childhood caries : Prevention for individual and community". 30th International Medical And Dental Education Continuing Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) (Caries Prevention). Publication no. 0425740

43. Hsu, C S, "Caries risk assessment". 30th International Medical And Dental Education Continuing Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) Publication no. 0425739

44. Hsu, C S, "Caries risk assessment". 30th International Medical And Dental Continuing Education Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) Publication no. 0402099

45. Hsu, C S, "Non-invasive caries intervention". 30th International Medical And Dental Continuing Education Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) Publication no. 0402098

46. Hsu, C S, "Early childhood caries : prevention for individual and community". 30th International Medical And Dental Continuing Education Conference (9 - 19 Feb 2009, Suan Bua Resort, Chiang Mai, Thailand) Publication no. 0402097


48. HU*, X, C S Hsu and B Ho, "Thermal treatments modulate bacterial adhesion to dental enamel". 22nd International Association for Dental Research (SEA Division) Annual Scientific Meeting (8 - 10 Oct 2008, Hotel, Manila, Philippines) Publication no. 0391160

49. Hsu, C S, "Effects of heat and organic matrix on enamel diffusion". 86th International Association for Dental Research General Session and Exhibition - Satellite Meeting on "Orofacial Pain and Motor Control" (2 - 5 Jul 2008, Metro Toronto Convention Centre, Toronto, Canada) Publication no. 0375810
50. Hsu, C S, "Biophotonic application in preventing tooth decays". *International Biophotonics Workshop* (5 - 6 Nov 2007, National Taiwan University of Science and Technology, Taipei, Taiwan) (Invited Speaker).
Publication no. 0358950

Publication no. 0348196

52. Gao*, X L, C S Hsu, W O T Loh-Lee, D S Q Koh, B Hwarng and Y Xu, "Capability of biological characteristics in caries prediction for children". *21st International Association for Dental Research (SEA Div) Annual Scientific Meeting* (6 - 8 Sep 2007, Kuta Beach, Bali, Indonesia)
Publication no. 0348195

Publication no. 0366235

Publication no. 0339750

Publication no. 0339751

56. WONG*, L B, J S LOW, J L LUM, N K NGAUW and C S Hsu, "Preventive effects of Er:YAG laser on enamel demineralization and erosion caused by acidic beverages". *20th International Association for Dental Research (Southeast Asia Division) Annual Scientific Meeting* (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia) (Winner of 2nd Award in IADR/SEA/Dentsply Student Clinician Programme).
Publication no. 0366813

57. Hsu*, C S, X Gao, W O Lee and G H L Ong, "Dental students' knowledge-attitude-practice of Preventive Dentistry". *16th Southeast Asia Association for Dental Education (SEAADE) Annual Scientific Meeting* (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia)
Publication no. 0304171

Publication no. 0218994
59. Liu*, Y and C S Hsu, "Micro-Raman spectroscopic study on laser-fluoride-enamel interaction".  
20th International Association for Dental Research (SEA Div) Annual Scientific Meeting (1-4 Sep 2005, Hotel Equatorial, Malacca, Malaysia) (Best Paper Award in Cariology and Mineralised Tissues Research). 
Publication no. 0212253

60. Boey*, S K, C S Hsu and J McIntyre, "Inhibition of enamel demineralisation by Er:YAG laser-tropical fluoride". 31st Australian Dental Congress (3-7 Mar 2005, Hotel, Adelaide, Australia) (Winner of 2nd Award in IADR/ADA/Dentsply Student Clinician Programme). 
Publication no. 0366814

Publication no. 0211039

62. Hsu, C S, "Evaluation of teaching and learning in "Community Health Study" module". 15th South East Asia Association for Dental Education (SEAADE) Annual Scientific Meeting (3 Sep 2004, The Imperial Boathouse Hotel, Koh Samui, Thailand) 
Publication no. 0192641

63. Veerappan*, G and C S Hsu, "Preventing root caries with combined Er:YAG laser and fluoride treatment". 19th International Association for Dental Research (SEA Div) Annual Scientific Meeting (4-6 Sep 2004, The Imperial Boathouse Hotel, Koh Samui, Thailand) (Best Paper Awards in Cariology and Mineralised Tissue Research). 
Publication no. 0192635

Publication no. 0158778

Publication no. 0150379

Publication no. 0146632

Publication no. 0147987
68. Hsu, C S, "Restorative therapy". 23rd International Conference in Continuing Medical and Dental Education (11 - 21 Feb 2002, Brackenhurst Conference Centre, Limuru, Kenya, South Africa) (Invited speaker). Publication no. 0147986


Publication no. 0131056

Publication no. 0123421

80. Hsu*, C S and C S Teo, "Evaluation of Teaching and Learning in the Community Health Study".  *14th International Association for Dental Research (SEA Div) Annual Scientific Meeting* (28 - 29 Sep 1999, Fort Canning Lodge, Fort Canning, Singapore)
Publication no. 0118554

81. Hsu, C S, "Caries prevention with dental lasers - Are we there yet? And where are we heading?".  *33rd Malaysia-Singapore Congress of Medicine* (18 - 21 Aug 1999, Sunway Lagoon Resort, Kuala Lumpur, Malaysia)
Publication no. 0113027

**POSTER PRESENTATION**

**PUBLISHED**

Publication no. 0205139

Publication no. 0154269

Publication no. 0149851

**PRESENTED BUT NOT PUBLISHED**

85. Hsu*, C S and T S J KHOO, "Effects of knowledge-attitude-behavior on student learning in oral epidemiology".  *21st International Association for Dental Research (Southeast Asia Division) Annual Scientific Meeting* (6 - 8 Sep 2007, Kuta Beach, Bali, Indonesia)
Publication no. 0366636
86. Liu*, Y, J C M Teo, S H Teoh and C S Hsu, "Micro-CT evaluation of laser-fluoride effect on enamel demineralization". 21st International Association for Dental Research (Southeast Asia Division) Annual Scientific Meeting (6 - 8 Sep 2007, Kuta Beach, Bali, Indonesia) (Best Paper in Cariology and Mineralised Tissues Research Award). Publication no. 0366237

87. Hu*, X L, C S Hsu and B Ho, "Effect of physicochemical properties on bacterial adhesion to dental enamel". 21st International Association for Dental Research (SEA Div) Annual Scientific Meeting (6 - 8 Sep 2007, Kuta Beach, Bali, Indonesia) Publication no. 0347551


89. Chen*, S Y, C K Sun and C S Hsu, "Imaging Human Dental Structures with Second and Third Harmony Generation". 9th International Conference on Optics within Life Sciences (OWLS9) (26 - 29 Nov 2006, National Yang-Ming University, Taipei, Taiwan) Publication no. 0339752


91. Maung*, N L, T Wohland and C S Hsu, "Effect of Er:YAG Laser Treatment on Enamel Diffusion". 20th International Association for Dental Research (SEA Div) Annual Scientific Meeting (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia) (Winner of Hatton / Unilever Travel Award). Publication no. 0311355

92. Liu*, Y, C M J Teo, S H Teoh and C S Hsu, "Quantification of laser effect on enamel demineralization using X-ray microCT". 84th Annual General Session & Exhibition of the International Assoc for Dental Research (28 Jun - 1 Jul 2006, Brisbane Convention & Exhibition Centre, Brisbane, Australia) Publication no. 0307522

93. Maung*, N L, T Wohland and C S Hsu, "Effect of Er:YAG Laser Treatment on Enamel Diffusion". 20th International Association for Dental Research (SEA Div) Annual Scientific Meeting (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia) Publication no. 0339803

94. Huang*, L, N L Maung and C S Hsu, "Characterization of subsurface enamel diffusion modulated by Er:YAG laser". 20th International Association for Dental Research (SEA Div) Annual Scientific Meeting (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia) Publication no. 0219000

95. Liu*, Y and C S Hsu, "Laser-induced compositional changes on enamel : A FT-Raman study". 20th International Association for Dental Research (SEA Div) Annual Scientific Meeting (1 - 4 Sep 2005, Equatorial Hotel, Malacca, Malaysia)
96. Maung*, N L, T Wohland and C S Hsu, "Quantitative measurements of human enamel permeability : A pilot study". 19th International Association for Dental Research (SEA Div) Annual Scientific Meeting (4 - 9 Sep 2004, The Imperial Boathouse Hotel, Koh Samui, Thailand)
Publication no. 0305510

97. Mohamed tahir*, M A and C S Hsu, "Preventive effect of Er:YAG laser on enamel erosion". 19th International Association for Dental Research (SEA Div) Annual Scientific Meeting (3 - 6 Sep 2004, The Imperial Boathouse Hotel, Koh Samui, Thailand)
Publication no. 0192659

98. Boey*, S K, Y Liu and C S Hsu, "Pilot investigation on preventing enamel demineralisation with combined laser-fluoride treatment". 19th International Association for Dental Research (SEA Div) Annual Scientific Meeting (4 - 6 Sep 2004, The Imperial Boathouse Hotel, Koh Samui, Thailand)
Publication no. 0190563

Publication no. 0205138

PAPER FOR SEMINAR, PUBLIC TALK, LECTURE
LOCAL/REGIONAL
PRESENTED BUT NOT PUBLISHED

1. Hsu*, C S, T S J KHOO and W LOKE, "Changing students' value and learning attitude through a hospice fieldtrip". Research Workshop (20 Sep 2010, Taipei Dental School, Taipei, Taiwan)
Publication no. 0473372

2. Hsu, C S, "Effects of multimodal and multi-dimensional learning in "Community Health Study" module". Short Course in Advanced Clinical and Epidemiological Research (12 - 16 May 2008, Dept of Community, Occupational & Family Medicine, Faculty of Medicine, NUS, Singapore)
Publication no. 0389134

Publication no. 0307521

Publication no. 0210880

6. Hsu, C S, "Infant oral health care". 9th NUS Clinical Dentistry Symposium (30 May 2004, Faculty Auditorium, Level 4, Fac of Dentistry, NUH, Singapore) Publication no. 0205195


8. Hsu, C S, "The windows of dental clinics - looking into the emotional environment of children & family". Pediatric Oral Health Care and Dental Anxiety / Fear-Infant to Adolescent (22 Nov 2003, Auditorium, Level 4, Faculty of Dentistry, NUH, Singapore) Publication no. 0176599

9. Hsu, C S, "Oral health care - From infant to adolescent". Pediatric Oral Health Care and Dental Anxiety / Fear-Infant to Adolescent (22 Nov 2003, Auditorium, Level 4, Faculty of Dentistry, NUH, Singapore) Publication no. 0176598


11. Hsu, C S, "Bruxism in children". 6th NUS-NUH Clinical Dentistry Symposium (10 Jun 2001, Kent Ridge Wing Auditorium, National University Hospital, Singapore) Publication no. 0133645


17. Hsu, C S, "The early years - Dental care and your child". *Dental Care & Your Child* (26 Sep 1999, Auditorium, Kent Ridge Wing, National University Hospital, Singapore) Publication no. 0119174


**INTERNATIONAL**

**PRESENTED BUT NOT PUBLISHED**

20. Hsu, C S, "Caries risk assessment among preschoolers in Singapore". *Research Presentation* (7 Jul 2008, College of Dentistry, University of Iowa, Iowa, United States) Publication no. 0375811


24. Hsu, C S, "Research Methodology II - Evidence-Based Dentistry". *Research Methodology* (10 Sep 2005, Taichung Veterans General Hospital, Taichung, Taiwan) (Invited Speaker). Publication no. 0212246

26. Hsu, C S, "Preventive and restorative materials for modern caries control and treatment". **Lecture on Caries Control and Treatment** (4 Apr 2005, Women and Children's Hospital, Marbian, Sichuan, China)  
Publication no. 0208128

27. Hsu, C S, "Potential changes of the medical ecology in China in the 21st century". **Lecture on Medical Ecology** (4 Apr 2005, Women and Children's Hospital, Marbian, Sichuan, China)  
Publication no. 0208127

Publication no. 0186973

29. Hsu, C S, "The third generation caries risk assessment". **Lecture on Caries Control and Treatment** (10 Aug 2004, Dental Department, Veterans & Gen Hosp, Taipei, Taiwan) (Invited speaker).  
Publication no. 0186972

Publication no. 0186970

31. Hsu, C S, "Caries risk assessment / Prediction". **Lecture to Sichuan University** (8 Apr 2004, Dept of Preventive Dentistry, West College of Stomatology, Sichuan University, Chengdu, Sichuan, China) (Invited Speaker).  
Publication no. 0180280

32. Hsu, C S, "Er:YAG laser application on preventing enamel demineralization". **Caries Risk Seminar** (3 - 6 Feb 2004, Vateran-General Hospital, Taichung, Taiwan)  
Publication no. 0177620

33. Hsu, C S, "Caries risk assessment". **Caries Risk Seminar** (3 - 6 Feb 2004, Vateran-General Hospital, Taichung, Taiwan)  
Publication no. 0177619

34. Hsu, C S, "Biophotonic application in caries prevention". **Caries Risk Seminar** (3 - 4 Feb 2004, Vateran-General Hospital, Taichung, Taiwan)  
Publication no. 0177618

35. Hsu, C S, "Laser applications on caries prevention : Myth or reality?". **Noon Seminar Series** (31 Aug 2000, College of Dentistry, University of Iowa, Iowa, United States)  
Publication no. 0132957