

Overview

- Predoctoral implant education
 Curriculum, workflow, and assessment
- Digital Implant Dentistry
- Advanced predoctoral implant program







Predoctoral Implant Education @ UIC

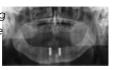


Comprehensive program
Competency based

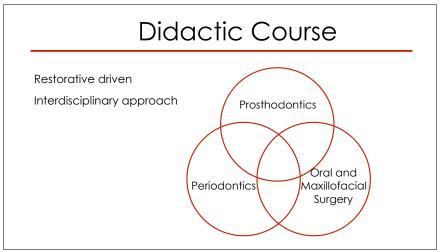


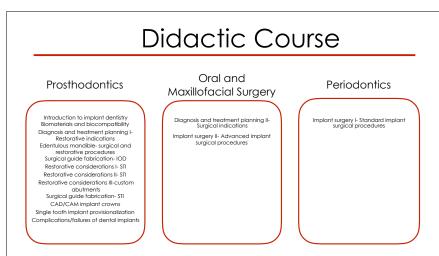
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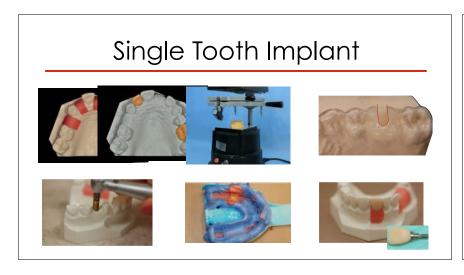
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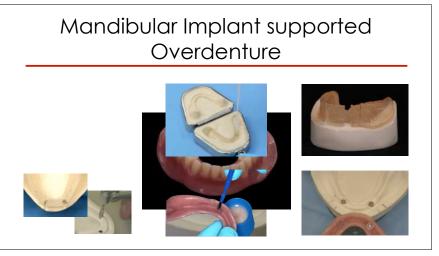




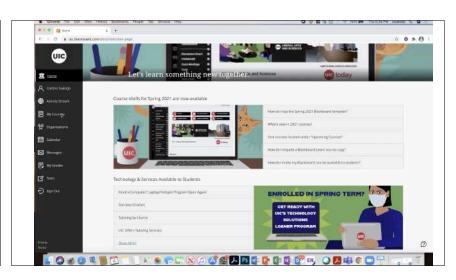








Single Tooth Implant:Survey Guide Fabrication Mandibular Implant Overdenture: Direct Tehnique Mandibular Implant Overdenture: Surgical Guide Fabrication



Predoctoral Implant Education at UIC

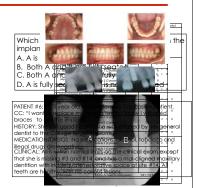
Assessment- Didactic course-2nd year Written exam/quiz

Laboratory exercises
(Student self assessment & Faculty evaluation)

Evidence based dentistry report

Station-to-station exam

Objective Structured Clinical Exam



Predoctoral Digital Dentistry at UIC

Competency based

Students must be competent in the assessment, diagnosis, treatment planning, and application of digital technologies with implant supported single unit restorations for partially edentulous patients (Established 2016)





Single Tooth Implant

Didactic 2nd year (Laboratory Exercise)

Intraoral scan body implant level impression

Hands-on exercise File transfer- digital workflow

Lab-based scan

Video Demonstration





DAOB 323 Introduction to Dental Implants-Course Schedule Spring Semester 2021 (DMD)

Lecture Date/Time	Topic (S: Synchronous, AS: Asynchoronous)	Lecturer
Jan 4 9 AM-12 PM Synchronous Lectures only	Webex: https://uichrosup.usebsx.com/insecten/katio 1. Course Requirements/batrochetion to Implant Deutistry (Sukotjo-S) 2. Biomaterials and Biocompat/balisty (Cooper-AS) 3. Diagnosis and Treatment Planning 1-Restorative Indications (Sukotjo-S) 4. Treatment Planning II-Surgical Indications (Han-AS) 5. Surgical Guide Fabrication-Single Tooth Implant (Sukotjo-S)	Lecture ficulty: Dr. Cooper Dr. Suketjo Dr. Hen
Jan 11 Asynchronous Lectures and LAB Lab Team 1,2,5,4: 9-12-30 Lab Team 5,6,7,8: 1,30-5,00	Implant Surgery I-Standard Implant Surgical Procedures (Karateere-AS) Implant Surgery II-Advanced Implant Surgical Procedures (Handbard Surgery III-Advanced Implant Surgical Procedures (Handbard Surgery III-AB) Lab-Group Leam 1 and 2 (Room 423), 9-12-30; STI Surgical Guide Fabbrachica (Ha shufests) Lab-Group Leam 3 and 4 (Room 319), 9-12-30; STI Surgical Guide Fabbrachica (Ha students) Lab-Group Leam 3 and 6 (Room 422), 130-5.00; STI Surgical Guide Fabbrachica (Ha students) Lab-Group Leam 2 and 4 (Room 421), 130-5.00; STI Surgical Guide Fabbrachica (Ha students)	Lecture faculty: Dr. Karateew Dr. Ham Lab faculty; Team 1,2,5,6; Dr. Spector Dr. Yang Dr. Sever Team: 3,4,7,8; Dr. Malik Dr. Shahin Floater: Dr. Sukotje
Jan 18	Dr. Martin Luther King, Jr. Holiday	

Jen 25 Asyschronom Lectures and LAB Lab Teem 1,2,3,4: 5-12,30 Lab Teem 3,2,3,4: 1,35-2,60	1. Edución: Maddile Suppol and Restructive Procedure (Campled-Ne). 2. Stapica Guide Infrascrate-Suppola Constructive (Edución-Ne). 2. Stapica Guide Infrascrate-Suppola Constructive (Edución-Ne). 3. Link-Sump Linka (Land Lindon, 1982). 2, 2, 2, 2, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	Leotuse Inculty: Dr. Campledi Dr. Harlow Lab Inculty: Team 1.2.5.6 Dr. Yong Dr. Kim (100 AM) Teams 3.4.7.8: Dr. Malik Dr. Sever Floater: Dr. Substitu (100 AM) Teams 3.4.7.8: Dr. Malik Dr. Sever Floater: Dr. Substitu (100 AM)
Feb I	Assessment work	
Fok 8 No lectures, LAB only Lab Tenn 5.8.7.8: 9.12.30 Lab Tenn 1.2.3.4: 1.30-5.00	Lab Green, Isan S. and 6 (Room 522), 8-13-29: 517 Reviserator Lab Green, Isan T. and 5 (Room 132), 6-13-29: Implies OD Lab Green, Isan T. and 5 (Room 132), 6-13-29: Implies OD Lab Green, Isan T. and 7 (Room 222), 138-8.40: 517 Rectioner (1 and 1 and	Lab faculty, Tenn 1.25.6 Dr. Spector Dr. Yang Hoster Dr. Stelan Tenn: 34.7.8; Dr. Malik Dr. Kim Houter Dr. Sukorjo
Feb 17 No lectures. LAB only List Team 5,6,7,8: 0,12,30 Lab Team 1,2,3,4: 1,30-5,00	Lab Green Train 7 and 6 (Room 272, 9-12-29) STI Reciterities Standards Handland Train 5 and 6 (Room 179, 9-12-2), implies OD Handland Train 5 and 6 (Room 179, 9-12-2), implies OD Handland Train 5 and 4 (Room 272, 19-8-54) STI Reciteries (1 solidar) 5 (Room 272, 19-8-54) STI Reciteries (1 solidar) 5 (Room 199, 19-5-66) Implies OD Plactiment and Resistance (18 southern).	Lab faculty: Tenni 3,4,7,8: Dr. Specior Dr. Yang Horster Dr. Shahim Tenni 1,2,5,6: Dr. Malik Dr. Kinn Floater: Dr. Sukorijo
Feb 15	Dealist to others PICO uses these. Ends group will subsuit a PICO precisions via cored as undestribute, crip by Feb 15, 2013 (Makingha). Please me "PICO Quantison, Group EX" in subject in your crass.	
Feb 22 Asynchronous tectures, NO LAB 9 AM-13 PM	Weber: http://doi.org/10.000/10.0000/10. 1. Restorative Considerations i-Denegdy STI (Sukarijo-AS) 2. STI Provisionalization (Yang-AS) 3. Restorative Consideration (Control Metation (Tolonni-AS) 4. Complications Fultras of Dental Implants (Sukorijo-AS)	Leater facility: Dr. Sekotys Dr. Yene Dr. Matik

Merch 1 Synchronous lecture (1) and the rest AS. NO LAB 9 AM-11 PM	Weber, https://ministrago.unber.com/marterdoots/ 1. UC Clinical Protocols & Procoduses- Implant Overdentine (Statop)-653 (Statop)-653 (Statop)-653 (Statop)-653 (Statop)-653 (Statop)-653 (Statop)-654 (Lecture faculty: Dr. Sukotjo Dr. Kim Dr. Yoan
Moreh 5 No Sectures, LAB only 08:50 s.m56:50 p.m.	1. Lab Group, Team, J. Haym. 319-3, 88-10; Semantom STI. Plasemant and Relevative (9 behavior). 2. Lab Group. Team 2 (Room 319), 10,040-1239; Strammons STI. Placemant and Relevative (9 studies). 3. Lab Group. Team 5 (Room 319), 01,040-3,360; Strammons STI. Placemant and Relevative (9 studies). 4. Lab Group. Team 6 (Room 319), 04-209, 57mmons STI. Placemant and Relevative (9 studies). 5. Lab Group. Team 5 (Room 429), 09-30-3-230; CAD CAM Lab Group. Team 5 (Room 429), 09-30-3-230; CAD CAM curreix (9 studies).	Lab faculty: Team 1,2: Drs. Spector. Sakogo Floster Dr. Kim Team 3, 6: Drs. Yang, Midik Floster Dr. Shahan Team 3 Dr. Sever Team 7; Dr. Kim Dr. Sever
Morch 15	Spring Break	
Morch 22 No lectures. LAB only 08:00 s.m56:60 p.m.	1. Lab Group Term J Room 319, 68-10; Sementine STI Placemant and Researching of authority) 2. Lah Group Term 4 (Room 319), 10.00-1.28; Streamone STI Placemant and Researching Obstacles) 3. Lab Group Term 4 (Room 319), 01.00-2.38; Streamone STI Placemant and Researching Obstacles) 4. Lab Group Term 5 (Room 319), 01.00-2.38; Streamone STI Placemant and Researching Obstacles) 5. Lab Group Term 6 (Room 199), 01.00-11.28; CAD CAM Lab Group Term 6 (Room 459), 11.30; CAD CAM exercise (9 strokent)	Lab faculty: Tenn 7, 8 Drs. Spector. Sukceps Floster Dr. Shahin Tenn 3, 44th Hotser Dr. Kim Team 1 Dr. Shahin Dr. Sever Team 6 Dr. Kim Dr. Sever

March 29 No lectures, LAB only 09.30-04.30	Restorative Considerations III- Streumann STI (Mohamad-AS) Lab Group Team 4 (Room 429), 09.30-12.30; CAD CAM exercise Lab Group Team 5 (Room 429), 1.30-04.30; CAD CAM exercise	Lecture faculty: Dr. Mohammad Lab faculty: Team: 4 Dr. Shahin, Spector Dr. Sever Floater: Sukotjo Team 5: Dr. Kim. Malik Floater: Yang
April 5 No lectures, LAB only 09.30-04.30	Lab Group Team 2 (Room 429), 09.30-12.30; CAD CAM exercise (9 students) Lab Group Team 8 (Room 429), 1.30-04.30; CAD CAM exercise (9 students)	Lab faculty: Team: 2 Dr. Shahin, Spector Dr. Sever Floater: Sukotjo Team 8: Dr. Kim, Malik Floater: Yang
April 5	Final deadline for EBD Paper, Each group will submit a paper by Monday, April 5, 2021 (midnight).	
April 12 09.30-10.30	Performance Examination: Station to Station Exam (online)	



Predoctoral Implant Clinic

8 operatories

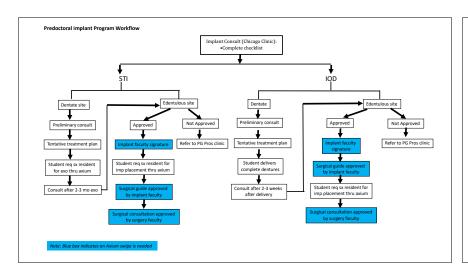
PROCARE DENTAL GROUP

6 faculty 1 clinic manager 1 digital tech 2 receptionists

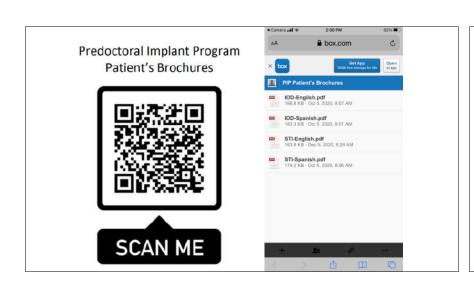


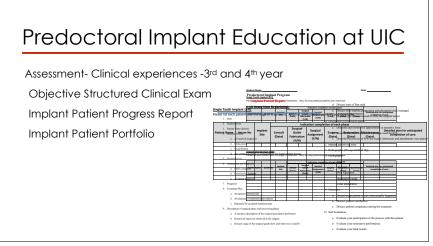
Monday, Tuesday, Wednesday, Thursday, Friday 9:30-12:30; 1:30-4:30

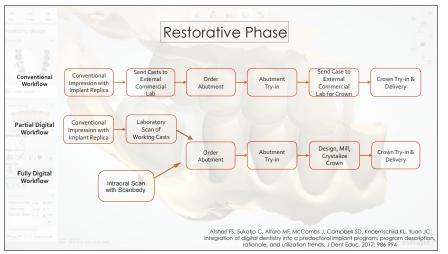
Sequence of Implant Patient Flow Assessment & Diagnosis Consultation (Restorative & Surgical) Treatment Planning Oral Surgery (40%) Surgical Phase Periodontics (40%) Prosthodontics (20%) Restorative Phase Maintenance Phase

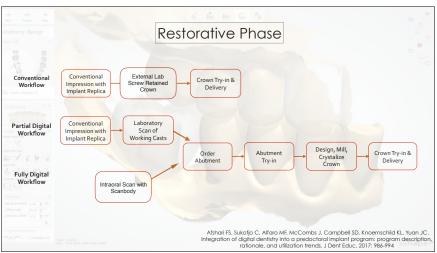


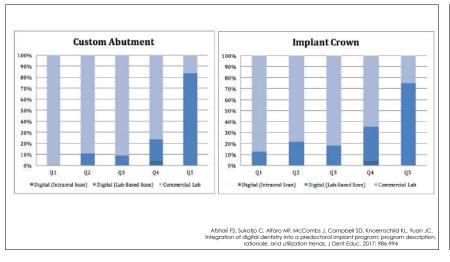


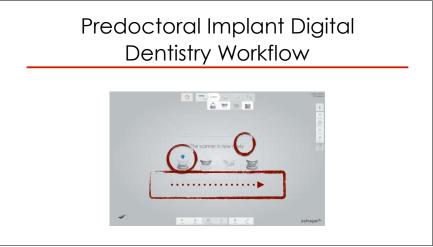












Predoctoral Implant Digital Dentistry Workflow





Predoctoral Implant Digital Dentistry Workflow







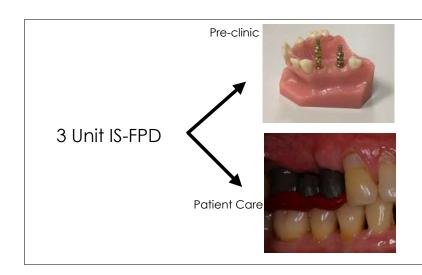


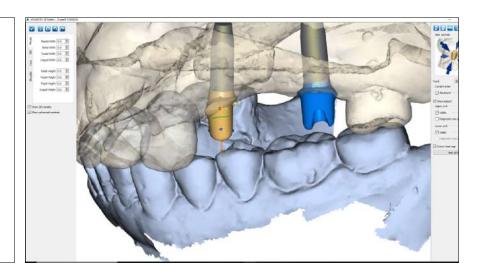
Collaboration between Predoc and Postdoc

- Early introduction of multidisciplinary approach of implant therapy
- Pre-doctoral students have more access to specialty clinics
- Post-doctoral students more involved in clinical teaching

Advantages for patients

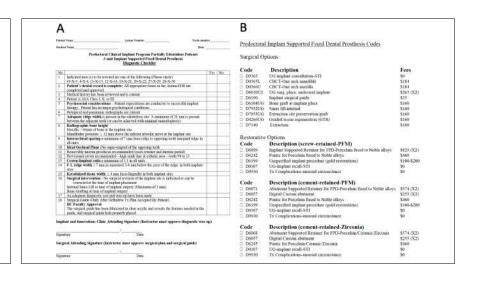
- •Availability: 250 pre-doctoral students and 25+ surgical residents
- Expertise: Oral and maxillofacial surgery, Periodontics, Prosthodontics
- *Cost: Implant company subsidize, cost effective



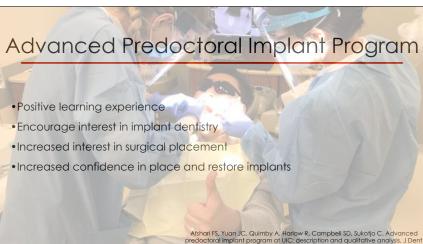


Implant supported FDP (ISFDP)

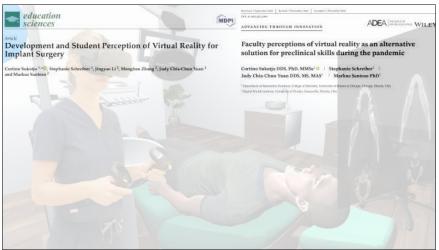
- •The mesial-distal edentulous ridge must be at least 21 mm between roots as examined clinically and radiographically
- *Only can be applied to replace premolar: M-X-P or P-X-C
- •An ideal occlusal plane is expected
- *Only one ISFPD per patient will be accepted
- *ISFDP restoration can be screw or cement-tempbond retained



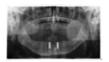








Advanced Predoctoral Implant Program



prosthodontics and periodontics Complete implant patient care Incorporation of technology

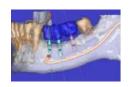
Placement in Oral surgery,

Strict protocols/supervision





Advanced Predoctoral Implant Program



Simplant training
Atlantis abutment edit
Digital crown design
Literature review



Seminars with prosthodontics residents

Patient presentation



Afshari FS, Yuan JC, Quimby A, Harlow R, Campbell SD, Sukotjo C. Advanced predoctoral implant program at LIIC: description and qualitative analysis. LiPent Educ. 2014;770-8

Digital Crown Design Exercise

Request core file

Import case into design software

Virtual crown design



Advanced Predoctoral Implant Program

Positive learning experience

Encourage interest in implant dentistry

Increased interest in surgical placement

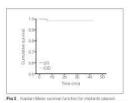
Increased confidence in place and restore implants

Afshari FS, Yuan JC, Quimby A, Harlow R, Campbell SD, Sukotjo C. Advanced predoctoral implant program at UIC: description and qualitative analysis. J Dent Educ. 2014;770-8.

Predoctoral Implant Education at UIC

Provides predictable short-term outcome with few complications

Thoughtful diagnosis and restorative driven philosophy lead to favorable therapy results



Lee DJ. T Harlow RF. Yuan JC. Sukotio C. Knoemschild KL. Campbell SD. Three-year clinical outcomes of implant treatments provided at a predoctoral implant program. Int J Prosthodont. 2011:71-6.

Predoctoral Implant Education at UIC

Laboratory exercises important in implant education and preparation for providing care

Majority students plan to provide single tooth implant and implantsupported overdenture treatments



Yuan JC, Kaste LM, Lee DJ, Harlow RF, Knoernschild KL, Campbell SD, Sukotjo C Dental students perceptions of predoctoral implant education and plans for providing implant treatment. J Dent Educ. 2011:750-60.

Predoctoral Implant Education at UIC

Predoctoral students able to provide esthetically acceptable single tooth implant restoration in esthetic zone

Patients highly satisfied with esthetic outcomes





able to provide single tooth implant restorations in the maxillary esthetic zone? J Dent Educ. 2014;779-88.



Prosthodontic Implant Club at UIC, Program Description and **Survey Analysis**

Michelle Howard Rynn, DMD, FACP, Fatemeh S. Afshari, DMD, MS, Justin Schneide Judy Chia-Chun Yuan, DDS, MS, 'Rand Harlow, DDS,' Kent L. Knoernschild, DMD, MS, FACP,' Stephen D. Campbell, DDS, MMSc, FACP,' & Cortino Sukotjo, DDS, MMSc, PhD'



Table 1 PIC-UIC presentation topics

Department head 'introduction to PIC-UIC" Prosthodontic faculty "Single-Tooth Implant Surgical Placement"

2nd-year prosthodontic resident *Single-Tooth Implant Placement & Restoration

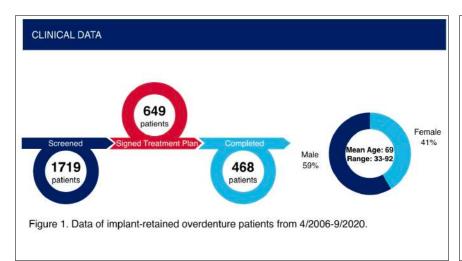
3rd-year prosthodontic resident & 4th-year predoctoral student "Advanced Training in Prosthodontics

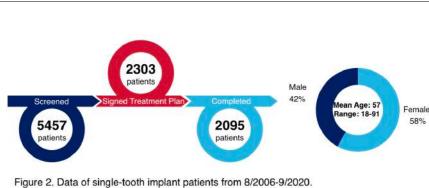
Director of UIC Advanced Prosthodontic Program "30 Planning for Guided Restorations

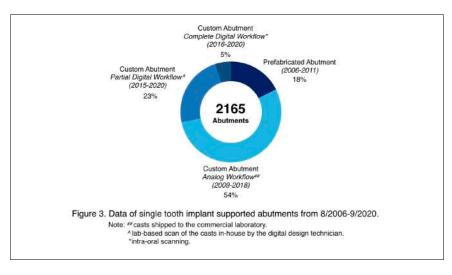
PIC-UIC members "Student Experiences at 2013 ACP Annual Scientific Program" Private practitione "Ridge Expansion in Implant Therapy"

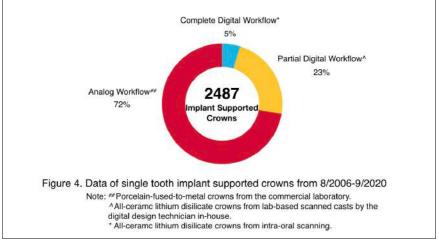
2nd-year prosthodontic resident

Fixed Provisional Solutions in Implant Dentistry







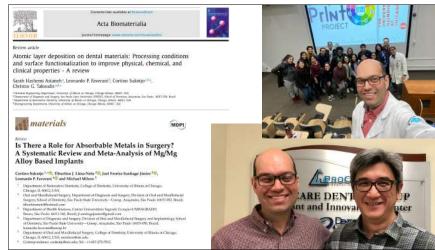


Summary: Predoctoral Implant Program @UiC

- Follow the current trend
- *Structured curriculum (preclinic and clinic), assessment, equality, faculty calibration
- Multidisciplinary, collaboration predoc-postdoc
- *Company supported (preclinic and clinic)











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IMPACT OF COVID-19 AMONG DENTAL STUDENTS IN MALAYSIA

BY: ZAWIN NAJAH BINTI AZHAR (1716116) NUR HAZIRAH BINTI YAZID (1719928)

SUPERVISOR: ASST. PROF. DR. WIDYA LESTARI ASST. PROF. DR. AZLINI ISMAIL ASSOC. PROF. DR. CORTINO SUKOI ITJO





Dentin Matrix Protein 1 on Titanium Surface Facilitates Osteogenic Differentiation of Stem Cells

Suchada Kongkiatkamon ^{1,2,+0}, Amsaveni Ramachandran ³, Kent L. Knoernschild ⁴, Stephen D. Campbell ^{5,6}, Cortino Sukotjo ^{5,6} and Anne George ³

- Bunglock Hospital Dental Center, Bunglock Hospital, Bunglock 1030, Thailand BDMS Willees Clinic, Bunglock Dash Medical Services, Public Company Limited, Binglock 1030, Thailand BDMS Willees Clinic, Bunglock Dash Medical Services, Public Company Limited, Binglock 1030, Thailand Boule Tool Development Centeries and Begineration Medican Research Labendary, Callege of Dentistry, University of Illinois at Chicago, Chicago, I. 6602, U.Sck, aramachibiticachi (A.K.), armegfouc.odu (A.G.) Department of Research Services, Pub. Dental College of Coregia, Augusta University, Augusta, CA 30912, U.Sck, aspectual Stategoria, College of Dentistry, University of Illinois at Chicago, Chicago, B. 6602, U.Sck, aspectual Search College of Dentistry, University of Illinois at Chicago, Chicago, B. 6602, U.Sck, aspectual Search College of Dentistry, Chiversity of Illinois at Chicago, Chicago, B. 6602, U.Sck, aspectual Search College of Dentistry, Chiversity of Illinois at Chicago, Chicago, B. 6602, U.Sck, aspectual Search College of Dentistry, Chiversity, Million at Chicago, Chicago, B. 6602, U.Sch, aspectual Search Chicago, B.



