

CURRICULUM VITAE

PART 1:

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Education:

1982	F.Sc	Islamia College Civil Lines, Lahore Pakistan
1985	B.Sc	University of Punjab, Lahore Pakistan
1987	B.D.S	deMontmorency College of Dentistry, Lahore, Pakistan
1993	M.M.Sc.	Harvard School of Dental Medicine, Boston,
1993	CERTIFICATE	Harvard School of Dental Medicine, Boston,
1995	D.M.D.	Harvard School of Dental Medicine, Boston,

Postdoctoral Training:

<u>de'Montmorency College of Dentistry</u>	
1988-1989	Intern in Punjab Dental Hospital
1989	Resident, Department of Oral Surgery
<u>Harvard School of Dental Medicine</u>	
1990-1993	Postdoctoral Research Fellow, Department of Prosthetic Dentistry, Harvard School of Dental Medicine

Licensure and Certification:

1988-	Pakistan Medical and Dental Council, # 01179
1995-	C.O.R.E & NERB: #18801 Massachusetts

Academic Appointments:

<u>de'Montmorency College of Dentistry</u>	
1988	Instructor, Department of Crown and Bridge, de

Montmorency College of Dentistry, Lahore,
Pakistan

1989 Instructor, Department of Oral Surgery,
de Montmorency College of Dentistry,
Lahore, Pakistan.

Harvard School of Dental Medicine

1990- 93 Post Doctoral Fellow, Department of
Prosthodontics, Harvard School of Dental
Medicine
1993- Instructor, Department of Restorative
Dentistry, Harvard School of Dental
Medicine

Hospital or Affiliated Institution appointment:

1987 House Surgeon, Punjab Dental Hospital. Lahore, Pakistan
1993-95 Dental Associate, Licensed Practitioner Clinic. Harvard
School of Dental Medicine
1995- Prosthodontist, Faculty Group Practice, Harvard Dental
Center

Other Professional Positions and Major Visiting Appointments:

1988 Staff Dentist, Private Practice of Dr. Saleem
Cheema
1996- Board Member, Japanese Academy of Advanced
Medical Research
1999 Advisory Board Member, Edental Store
1999- Consultant for Curriculum, Commission on Dental
Accreditation. American Dental Association

Hospital and Health Care Organization Service Responsibilities:

1989-90 Faculty Practice, de'Montmorency College of
Dentistry
1993-95 Practitioner, Licensed Practitioner Clinic, Harvard
School of Dental Medicine.
1995- Faculty Practice, Harvard School of Dental
Medicine

Major Administrative Responsibilities:

De'Montmorency College of Dentistry

1988-89	Clinical Demonstrator, Department of Crown and Bridge, de'Montmorency College of Dentistry
1989-90	Clinical Demonstrator, Department of Oral Surgery, de'Montmorency College of Dentistry
<u>Harvard School of Dental Medicine</u>	
1995-	Director, Predoctoral Program in Prosthodontics, Harvard School of Dental Medicine
1995-99	Program Director, International program in General Dentistry, Harvard School of Dental Medicine
1996-99	Course Director Restorative Dentistry Block in PBL curriculum at Harvard School of Dental Medicine
1999-	Senior Tutor, Holmes Society, Office of Dental Education, Harvard School of Dental Medicine.
1999	Senior Fellow, Holmes Society: Harvard Medical School
1999-	Director, Extramural Clinical Externship Programs (Community Health Centers and Veterans Administration Hospitals)affiliated with Harvard School of Dental Medicine.
2005-	Secretary, Harvard Odontological Society

Major Committee Assignments:

de'Montmorency College of Dentistry

1989-90	Promotions Committee
1989-90	Committee of the Advising Faculty to the Dean

Harvard School of Dental Medicine

1995-01	Curriculum Committee
1995-01	Committee on Promotions and Examination
1994-96	Curriculum Design Group for Year I & II
1994-96	Curriculum Design Group for Year III & IV
1996-01	Governance Committee for Faculty Group Practice.
1996-01	Teaching Practice management Committee
1996-01	Materials Management Committee
1995-01	Committee on Postdoctoral Education
1995-01	Core Clinical Faculty Committee
1997-01	Environmental Health and Safety Committee
1998-00	Faculty Advisor to the Deans Board of Fellows
1998	Ad-Hoc Search Committee for Faculty Search in Division of Endodontics.
1998	Ad-Hoc Search Committee for Director of Postdoctoral program in Prosthodontics.
1999	Government and Community Affairs
1999-	Committee on Courses and Credits
2000-	Committee on Information and Technology.
2000-	Admissions Committee

Professional Societies:

1988-	Pakistan Medical and Dental Council
1988-	Pakistan Medical Association

1988 -	de'Montmorency College of Dentistry Graduates Association
1990-	American College of Prosthodontics
1993-	Northeast Prosthodontic Society
1995-	Harvard Odontological Society
1995-	American Dental Association
1996-	Japanese Academy of Advanced Medical Research
1996-99	American Association of Dental Research
1997-	Executive Council Member, Massachusetts Section, American College of Prosthodontics
1997-	American Dental Education Association
1998-	American Academy of Fixed Prosthodontics
1999-	Omicron Kappa Upsilon Honor Society
1999-	Executive Council Member, American College of Prosthodontist, Massachusetts Section.
1999-	Member, Table Clinic program, American Academy of Fixed Prosthodontics

Community Service Related to Professional Work:

2000-	Faculty Advisor and Volunteer Bridge over Troubled Water, Boston MA
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Awards and Honors:

de'Montmorency College of Dentistry

1988	Merit Certificate, University of Punjab.
1988	Operative Dentistry (Gold Medal)
1988	Oral and Maxillofacial Surgery (Gold Medal)

American Academy of Fixed Prosthodontics

1994	Recipient of Tylman Research Award, American Academy of Fixed Prosthodontics
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Omicron Kappa Upsilon Honor Society

1998	Gamma Gamma Chapter of Omicron Kappa Upsilon Honor Society, Harvard School of Dental Medicine
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PART II:

Research, Teaching and Clinical Contributions:

A. Narrative Report:

My appointment at Harvard School of Dental Medicine as faculty began in June of 1995 as Instructor of Prosthodontics and Director of General Dentistry Program for International students. As Program Director of General Dentistry for International students for four years I was able to define and meet the objectives of the program. Eight of the twelve students who graduated from the program during that time also received Masters of Medical Sciences degree in addition to a Certificate in General Dentistry. Patient care also improved with an increased number of completed cases as well as increased clinical revenue per student in the program. Currently three of the graduates of the program hold faculty positions at School of

Dental Medicine. In addition to managing the general dentistry program I also had a role as an Instructor in Prosthodontics. I was involved with teaching 3rd year predoctoral students preclinical and clinical prosthodontics.

I was appointed as the Director of Predoctoral Prosthodontics in 1996 as part of the new PBL Curriculum that was being implemented at Harvard School of Dental Medicine. There was no precedence of Clinical teaching in the context of PBL and comprehensive patient centered education and clinical training. I was thrilled to have found a perfect opportunity to be at the forefront of Clinical teaching innovation and felt it was one of the greatest challenges I could undertake as an educator. I designed, organized and implemented the entire restorative dentistry curriculum the centerpiece of this curriculum was an educational block called Restorative Dentistry Block (RTX) . It was a five-month block and I had to organize and oversee approximately 700 hours of Tutorial cases, guest speakers, preclinical and clinical skill development. In addition I also had to staff seven comprehensive clinic sessions with faculty for the entire academic year. In 1999 Office of Dental Education initiated a search for a Senior Tutor position. Having implemented and Directed the Restorative Dentistry Block for 4 years I wanted to challenge myself and felt that this position was a logical next step or me in my career. After consulting with colleagues and Chairman of the Department who supported my decision I applied for the Job and successfully selected after a national search.

Currently as Senior Tutor I mentor and provide guidance to the Holmes Society students. My responsibilities include teaching Patient-Doctor I and III to first, third and fourth year Holmes students. I help manage and triage patient case load to both the third and fourth year students. I also help treatment plan each and every patient of each and every student. I subsequently track their performance during the entire academic year. As a Senior Tutor I play a key role in identifying any short comings in any of my students educational experiences and then identify resources to help students overcome their deficiencies in a timely fashion. Both Holmes and the entire class as a whole have increased their productivity both in terms of number of patients they are treating and also completing comprehensive care of the patients. The clinical revenue generated by predoctoral students has also increased very significantly over the past two years.

My other major responsibility is the oversight of extramural clinical training program of Harvard Predoctoral students. Harvard School of Dental Medicine is affiliated with 16 clinical dental facilities which are either a Community health centers or Veterans Administration hospitals. Every senior student spends three month at one of these sites to provide patient care and also be involved in community service. My task is to oversee all aspects of this program for our students, externship sites and the institution.

B. Funding Information:

Year: 1993

Funding Source: American Academy of Fixed Prosthodontics

PI/Co-PI Rasool/Campbell

Grant Title: Determination of Residual Stress associated with cold working and heat treatment of alloys

Year 1999

Funding Source: Nobel Biocare

PI/CO-PI Faheem Rasool/Henry Kim

Grant Title: A comparison of the Marginal and internal adaptation of All-Ceramic crowns produced by imaging and copy milling methods.

C. Report of Current Research Activities:

Project: Evidence Based Clinical Dentistry
Role: Faculty Advisor to students

Project: Internal fit and Marginal Adaptation of CAD-CAM manufactured crowns
Role: Faculty sponsors to graduate students research project.

Project: Teaching Problem Based Learning Curriculum in Clinical Dentistry
Role: Investigator

Project: Blinded Clinical Trial to Determine Fit of 3D Scanned CAD and Laboratory Fabricated Crowns Versus Traditionally Fabricated Crowns. Study is FDA Approved for Brontes 3M Company in Lexington, MA.
Role: Clinical Testing Dentist

D. Report of Teaching

1. Local Contributions

de'Montmorency College of Dentistry
1988-90 Dental Anatomy and Tooth Morphology
Course Director
Lecture based Course
63 Students 2hrs/week for 4 months.

1988-89 Demonstrator, Oral and Maxillofacial Surgery
Oral Surgery Demonstrations
6-8 Students
approximately 2-3hrs/day 5 days a week all year.

1989-90 Demonstrator, Crown and Bridge Department
Crown and Bridge Techniques Demonstrations
6-8 Students
approximately 2-3hrs/day 5 days a week all year.

Harvard School of Dental Medicine
1991-93 Post Doctoral Research Fellow
Taught Pre-Clinical Fixed Prosthodontics
17-20 third year dental students.
5 hours/week

1992-97 Pre Clinical Instructor

	General Dentistry Program for international students 2-3 Clinical Fellows 5-6 hrs/week
1992-97	Clinical Instructor, General Dentistry Program for international students 6-8 Clinical Fellows 6-8 hrs/Week
1992-	Oral Comprehensive Examination Faculty Prosthodontist 3-4 Students 3-4 hrs 3 times a year
1993-6	Fixed Prosthodontics, lecturer 20-25 Predoctoral Dental Students 10-15 Lectures/ year
1993-96	Clinical Instructor Fixed Prosthodontics Predoctoral Program 6-8 Students 4 hours/week
1993-98	Course Director, Advanced Dental Materials, Postdoctoral Prosthodontics Program 6-8 Research Fellows 3 hrs/week for 4 Months
1993-95	Clinical Instructor Postdoctoral Prosthodontics Program 8-10 Research Fellows 4 hrs/ year
1993-95	Pre Clinical Instructor Technique Course Postdoctoral Prosthodontics Program 3-4 Research Fellows 3 hrs/ week for 3 months
1994-95.	Co-Director Oral Structure and Function Course 25-28 students 4-6 hrs /week for two months.
1994-95	Tutor Oral Structure and Function Course 6-8 students 2 hrs/week for two months
1994-95	Tutor

Development Course
6-8 students
2 hrs/ week for 3 months

1995-96 Director, Predoctoral Fixed Prosthodontics,
25-30 students
8-10 hrs/week

1995-97 Supervising Faculty, Licensed Practitioners Clinic
10-12 Student practitioners
12hrs/week/year

1996- Supervising Faculty,
NERB Preparation and Review Sessions
25-32 students
3 hrs/week for 4 months

1996- Participating Faculty
3rd Year Case presentation
2 hrs/week for 7 months

1996-99 Director, Predoctoral Prosthodontics
Course Director Restorative Dentistry Block
25-30 students
14-16 hrs/week/year

1999-00 Co-Director, Restorative Dentistry Block
25-30 students
4-6 hrs week/year

1999- Participating Faculty
4th year Case Presentation
1 hr/week for 7 months

2000- Instructor Patient-Doctor-I
8-9 students
3-4 hrs/week

2000- Co-Director PT-Dr III Course.
8-9 students
8-10 hrs/week

2002 Apex Student Mentor
Boston University School of Dental Medicine
Saleem Al-Qabandi
April 1st to August 2nd 2002
Brookline Dental Center

2003 Apex Student Mentor

- Boston University School of Dental Medicine
Ravi Rajanna
Jan 6th to March 21st 2003
Brookline Dental Center
- 2003 Apex Student Mentor
Boston University School of Dental Medicine
Waleed Saleh
March 31st to July 25th 2003
Brookline Dental Center
- 2004 Apex Student Mentor
Boston University School of Dental Medicine
Waleed Saleh
Jan 5th to March 19th 2004
Brookline Dental Center
- 2004 Apex Student Mentor
Boston University School of Dental Medicine
Adam Still
May 3rd to July 23rd 2004
Brookline Dental Center
- 2005 Apex Student Mentor
Boston University School of Dental Medicine
Sharmi Shah
May 2nd to July 22nd 2005
Brookline Dental Center
- 2006 Apex Student Mentor
Boston University School of Dental Medicine
Sharmi Shah
Jan 3rd to March 17th 2006
Brookline Dental Center
- 2006 Apex Student Mentor
Boston University School of Dental Medicine
Ann Ly
May 1st to July 21st 2006
Brookline Dental Center
- 2007 Apex Student Mentor
Boston University School of Dental Medicine
Jessica Stieneker
Jan 2nd to March 16th 2007
Brookline Dental Center
- 2007 Apex Student Mentor
Boston University School of Dental Medicine
Gerald Ashrafi

April 30th to July 20th 2007
Brookline Dental Center

- 2007 International Exchange Program
Robert Borgos
June 15th to August 10th.
Univeristy Dental School of Portugal
- 2008 Apex Student Mentor
Boston University School of Dental Medicine
Pratik Vakil
Jan 2nd to Feb 22nd 2008
Brookline Dental Center
- 2008 Apex Student Mentor
Boston University School of Dental Medicine
Firouzeh Jamshidi
May 27th to July 18th 2008
Brookline Dental Center
- 2008 Externship Newton North High
Mike Wong
March to September 3 hours/week
Brookline Dental Center
- 2009 Apex Student Mentor
Peter Nugyen
Jan 6th to March 21st 2009
Brookline Dental Center
- 2009 Internship Career Counseling
Barrett Nordstrom
March 10th to March 31st 2009
Brookline Dental Center

Advising Responsibilities:

Congdon, H. Robert
HSDM DMD, 1998A
Thesis: Marginal Adaptation of All
ceramicrestorationfabricated by CAD-CAM techniques.
Current Activity:
Graduate student in Prosthodontics at University of Illinios
Chicago. IL

Kim, Henry
HSDM, MMSc 2000 anticipated.
Thesis: Internal and External Adaptation of
Crowns manufactured by CAD-CAM and Imaging

technology.

Current Activity:

Post Doctoral Research fellow in Prosthodontics. Harvard School of Dental Medicine.

Senior Tutor

8-9 Predoctoral dental students from each of the four classes

2. Regional, national and International Contributions:

- 1994
- Lecture, All Ceramic Restorations. 1st Year Dental Residents, Brigham and Women's Hospital
- Determination of Residual stress in dental alloys by X-ray diffraction" Speaker at the Annual Session of the American Academy of Fixed Prosthodontics. Chicago Illinois.
- New Techniques and Technology in Dentistry:
Berks County Dental Society Annual Symposium, Reading, Pennsylvania
- Lectured on Stresses in Ceramometal Alloys: Department of Restorative Dentistry, University of Illinois College of Dentistry, Chicago, Illinois.
- 1995
- Lecture, CAD-CAM (Computer assisted design and computer assisted manufacturing) and its future in Dentistry. Residents of Brigham and Womens Hospital Boston
- Table Clinic at the Yankee Dental Congress Boston Titled "Modifications of Empress ceramic crowns to optimize esthetics
- 1996
- Bisco Seminars on Carbon Fiber Post. Presented the literature analysis synopsis of the Prefabricated post and core systems. San Diego California.
- Brigham and Women Hospital Residency program lecture series."State of the Art in Ceramic Restorations"
- 1997
- Harvard Week 1997: Amigos de Chile, HSDM Continuing Education Program. Lectured on "Ceramic restorations: Past, Present and the Future to 20 dentists from Chile.
- Brigham and Women Hospital Residency program lecture series."Esthetics and its interpretation in dentistry"

- 1998 Brigham and Women Hospital Residency program lecture series." CAD-CAM and its applications in dentistry"
- Participated in a panel discussion at the First Problem Based Learning Symposium at Lake Arrow Head in California. Sponsored by University of Southern California.
- 1999 PBL curriculum at Harvard School of Dental Medicine Presentation to the Faculty of Dentistry University of Sydney Dental School, Sydney Australia.
- Demonstration of Tutorial Session to Curriculum Committee University of Sydney Dental School, Sydney, Australia.
- Ethical Practice of Dentistry a perspective Forsyth Dental Center School of Hygiene
- Poster Presentation at the Annual session of AADS Vancouver Canada "Interdisciplinary teaching of problem based learning in restorative Dentistry.
- "Problem Based Learning Curriculum at Harvard School of Dental Medicine." University of Connecticut Health Science Center at Farmington, CT.
- Lunch and learn presentation at the Annual Session of AADS in Washington D.C. " Teaching and Learning clinical skills in Problem Based Learning Curriculum".
- 2000 "I hate to be taught but I love to learn" A new Paradigm in Professional Education. To present at the Greater New York Academy of Prosthodontics. Columbia University School of Dentistry.
- Harvard Health Letter Article on Dental Fillings "The Silver in Them Thar Molars". Was asked expert opinion on Silver fillings controversy and the fillings of the future.
- Implants: How to Simplify. New England Dental Society 137th Annual Session. The Forsyth Dental Institute.
- State of the Art in Prosthodontics
10-12 Residents
Brigham and Womens Hospital
Boston, Ma

2001	Implant Dentistry “Contemporary Treatment Planning”. Metro West Study Group, Metro West Hospital Framingham Ma.
2001	South Shore Surgery Group Invited speaker on Straumann Implant Surgery Presentation “ Selecting the right Impant system for your practice”
2002	Seattle Study Club Local Chapter “ Treatment planning with or without Implants” Granite State Oral Surgery Invited Annual Speaker .
2002	Western Massachusettes Dental Society Annual Meeting Keynote Speaker “ Implants are Here to Stay” Westfield Country Club, MA.
2003	Straumann (ITI) Dental Implant invited presentation. “ Preplanning Implant in the Esthetic Zone” Charles Hotel, Cambridge, MA.
2004	Cambridge Study Club “ Complications in Implant Dentistry ? how to solve them.”
2007	Recent Advancements in Clinical Dentistry “ Agha Khan Hospital and Medical Schooll” Karachi Pakistan.

3. Description of teaching awards Received.

1997	Teaching award by graduating DMD Class of 1997.
1998	Teaching award by graduating DMD Class of 1998A and 1998B.
1999	Teaching award by graduating DMD Class of 1999.
2000	Teaching award by graduating class of 2000.

4. Description of major Curriculum offerings, Teaching cases or innovative educational programs developed(as appropriate)

Major Curriculum Offerings

Harvard School of Dental Medicine undertook a comprehensive review of its predoctoral educational program in 1992. Following the review it was recommended that the traditional curriculum be replaced by the Hybrid PBL clinical Curriculum. The entire curriculum had to be redesigned according to the new teaching pedagogy. The third year DMD curriculum is made up of Blocks of Courses. I was appointed as the Course Director of the Restorative Dentistry Block (RTX Block). The RTX block is the largest block in the entire four years of the DMD curriculum and runs for 5 months. The sheer magnitude and length of this block was overwhelming. My mandate was to design a course, which not only minimized lecturing, but also broke the traditional discipline boundaries. Concepts needed to be introduced via tutorial cases and skill development was tied to the cases instead of traditional lectures. A student's conceptual understanding of the tutorial cases was the driving force behind the preclinical and clinical skill developments. I authored several key tutorial cases for this block. These cases were written and designed in such a way that the learning was incremental and progressive. The tutorial cases increased in complexity as the block progressed. The entire restorative dentistry block was structured with comprehensive patient care in mind, and also the fact that students need to learn essential concepts via these cases.

Since implementing the curriculum, I have had lots of opportunities to present this innovative curriculum nationally and internationally. I have taken a keen interest and focused my research on evidence-based educational and clinical decision making. As a teacher and educator, I now constantly think in the context of patient-centered care and how best to solve clinical problems in the presence of the best available evidence, which is the heart and soul of PBL.

My educational endeavors have resulted in collaboration with the University of Sydney Dental School on a Distance Learning Project "Negotiating the Maze". I am collaborating with Dr. Niggie Lechner Associate Professor in Department of Prosthodontics at University of Sydney School of Dental medicine. The project brings students from different schools together to solve problems on a real patient. Faculty provides feedback at the end of the case. Student's role-play patient, expert and student while solving the case. Other dental schools involved in this project are, University of Melbourne, University of Adelaide, University of Malmo, and University of Vancouver.

I am also collaborating with the Westmead Health Center Information Technology Department in New South Wales in developing multimedia learning package called "Pathfinder/Pathbuilder that will allow us to document PBL cases in multimedia environment. I am very excited about this project as it will enable us to develop innovative cases for teaching. It will also be possible to share such resources not only across institutions but also without any limitations and boundaries.

E. Report of Clinical Activities

I practiced clinical dentistry at Harvard Dental Center, which is the Faculty Group Practice of Harvard School of Dental Medicine. I practiced one day and two evenings per week. The major emphasis of my clinical practice was Prosthodontics. Over the years, my clinical skills in the Faculty Practice have been utilized for management of very difficult clinical cases. There have been numerous occasions when I was asked to take over the care of patients deemed too difficult to be treated either by students, or other faculty members and private practitioners. My practice has flourished enormously and I have patients referred to me regionally, nationally but also internationally. I also treat several distinguished Harvard faculty members.

I transitioned to private clinical practice in 2001 due to my young as well as larger family responsibilities. Although I enjoyed my clinical practice at Harvard, the challenges of time commitment were too great and my need for taking care of my family greater therefore I transitioned to private practice. My practice is located in Brookline MA (Brookline Dental Center). It is a thriving and successful practice that offers state of the art care and it has attracted three additional dentists since I joined the practice. My goal is to focus on my immediate and extended family needs, however as my commitments to my family decrease I intend to increase my teaching and research back at the Dental School as it provides for immense personal satisfaction. I continue to teach clinical dentistry at Harvard School of Dental Medicine and also mentor dental students from Boston University School of Dental Medicine. In addition to teaching commitment I am also involved in Admissions committee at Harvard School of dental Medicine. I hope to involve more Dentists in our Brookline Dental Center to allow more available time to meet these goals.

PART III BIBLIOGRAPHY

Original Articles

1. Niederman R, Ferguson M, Urdaneta R, Badovinac R, Christie D, Tantraphol M, Rasool F, Evidence Based Esthetic Dentistry .J Esthetic Dent 1998;10:229-34.
2. Niederman R, Tantraphol M, Shoushtari B, Rasool F, Slinin P, Urdaneta R, Ferguson M. The Methods of Evidence-Based Dentistry. Quintessence Int 1998; 29,12: 811-817.
3. Corso M, Sirota C, Fiorellini J, Rasool F, Szmukler-moncler Serge, Weber Hans-Peter. Clinical and radiographic evaluation of early loaded free-standing dental implants with various coatings in beagle dogs. J Prosthet Dent 1999; 82:428-35.
4. Nishimura K, Rasool F, Ferguson M, Sobel M, Niederman R. The Epidemiology of Clinical Evidence in Prosthodontics. Accepted for Publication. J pros Dent.

Reviews, Chapters , and Editorials

1. " The Silver in Them Thar Molars" Harvard Health Letter Vol 25 #5, March 2000.

Educational Material

1. Rasool F : "Billie Holiday" a PBL case authored for Oral structure and Function course for second year students of Harvard School of dental Medicine.
2. Rasool F : " No Kidding" a PBL case authored for Restorative Treatment Block in the third year dental curriculum.
3. Rasool F : " I talk Funny" a PBL case authored for Restorative Treatment Block in the third year dental curriculum.
4. Bertini D, Rasool F: "To Be or Not to Be" a PBL case Co-authored for Restorative Treatment Block in the third year dental curriculum.
5. Rasool F: "Restorative Challenge" a PBL case authored for Restorative Treatment Block in the third year dental curriculum.
6. Jahangiri L, Rasool F; "Dual Purpose Retainer" a PBL case Co authored for Restorative Treatment Block in the third year curriculum.
7. Jahangiri L, Badovinac R, Rasool F; "Self Destruction" a PBL Case Authored for Restorative Treatment Block in third year curriculum.
8. Rasool F, Christie D; "Incomplete Smile" a PBL Case Authored for Restorative Treatment Block in third year curriculum.

9. Ferguson M, Christie D, Rasool F; “Fasten Your seatbelts...Hold on to your teeth” a PBL Case Authored for Restorative Treatment Block in third year curriculum.
10. Lab Manual for fixed and removable prosthodontics in the Restorative Dentistry Block.

Web Based Publications:

1. Rasool F, DaSilva J, Libert E; “Cara’s Smile” <http://www.ivydent.org/cara2/>
Web based case written for IV consortium (U of Penn, U of Columbia, Harvard University) to allow dentists to obtain CE credits after going through the clinical case. The case is written as an attempt to solve a clinical problem by evidence based methodology.
2. Rasool F, Weber HP; “ITI Case of the Month July 99 Case #33”
http://www.itidental.org/10_case/FrameInhalt10.html
A web based clinical case authored to demonstrate a novel approach in simplifying restorative treatment of dental Implants. This approach is quite unique and if utilized can help dentists restore implants easily and inexpensively.

Abstracts

1. Campbell SD, Rasool FR, Pelletier LB, Giordano RA. Residual stress determination in metal ceramic alloys. J Dent Res 1994;73:212.
2. Corso M, Fiorellini J, Sirota C, Rasool F, Brunski J, Szmukler-Moncler S, Lee D, Weber HP. Clinical and Histometric Analysis of Immediately Loaded Implants in Dogs. J Dent Res 1994; 87:24.
3. Congdon RW, Weber HP and Rasool F. Marginal adaptation of ceramic copings manufactured by CAD-CAM techniques. J Dent Res 1999;78 ,473,# 2941.
4. Rasool F, Matlin K, Libert E, Howell H. Teaching and Learning Restorative Dentistry in an Interdisciplinary Problem Based Curriculum. J Dent Educ 1999; 63:1, 46, #98.