

Dr. Prashanti Bollu
Orthodontist & Educator

Roseman University of Health Sciences
College of Dental Medicine
4 Sunset Way, Bldg. C, Henderson, NV 89014
pbollu@roseman.edu
702-968-5690 (work) 6178490751 (cell)

EDUCATION

- Oct 2017** **Diplomate, American Board of Orthodontists**
- May 2011** **Advanced Education in Orthodontics & Dentofacial Orthopedics (Certificate)**
University of Southern Nevada, Henderson, NV
(Now named Roseman University of Health Sciences)
- May 2011** **Master of Business Administration (MBA)**
University of Southern Nevada, Henderson, NV
(Now named Roseman University of Health Sciences)
- May 2008** **Doctor of Dental Medicine (DMD)**
Boston University School of Dental Medicine
Boston, MA, US
- May 2004** **Master of Science in Healthcare Administration (MS)**
Saint Joseph's University, Philadelphia, PA, US
Thesis: Analysis of the Boston University Dental Health Plan
- Dec 2000** **Bachelor of Dental Surgery (BDS)**
Government Dental College & Hospital,
Hyderabad, Andhra Pradesh, India
- Jun 1994** **Science Major**
BVK Junior College
Visakhapatnam, Andhra Pradesh, India

TRAINING & PROFESSIONAL DEVELOPMENT

- Mar 2016** Measurement, Design & Analysis Methods for Health Outcomes Research
Harvard School of Public Health, Boston, MA, US

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- May 2015** Laser Certification Course
UNLV School of Dental Medicine
- Nov 2015** Innovating in Health Care
HarvardX, Online Course via EdX platform
- Dec 2015** I Heart Stats: Learning to Love Statistics
NotreDameX: Online Course via EdX platform
- Sep 2010** Tweed Study Course in Orthodontics
Tucson, Arizona
- Mar 2007** Invisalign certification course
Boston, MA, US

CLINICAL WORK EXPERIENCE

- Aug 2011 - Present** **Clinical Faculty**
AEODO/MBA Residency Program,
CODM, Roseman University of Health Sciences
- Supervised patient care delivered by residents
 - Directly involved in patient care
- Sep 2016- Present** **Orthodontist**
Providence Dental Group, Las Vegas, NV
- Set up orthodontic practice
 - Provide orthodontic treatment to patients of all ages
 - Oversee the operations of orthodontic practice
 - Supervisor for clinical and administrative staff
 - Actively involved in marketing & strategizing
 - Grew the practice from 1 day to 4 days/month within 3 months
- Oct 2017 – August 2018** **Orthodontist**
Summer Dental, Las Vegas, NV
- Set up orthodontic practice
 - Provide orthodontic treatment to patients of all ages
 - Oversee the operations of orthodontic practice
 - Supervisor for clinical and administrative staff
- Sep 2011-Dec 2014** **Orthodontist**

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Montecito Town Center Dental Group, Las Vegas, NV

- Provide orthodontic treatment to patients of all ages
- Grew the orthodontic practice from one day to 7 days/month
- Actively involved in administrative duties

Oct 2011-Oct 2013

Orthodontist

Las Vegas Modern Dentistry & Orthodontics, Las Vegas, NV

- Provide orthodontic treatment to patients of all ages
- Grew the orthodontic practice from one day to 7 days/month
- Actively involved in administrative duties

Feb 2009-Jun2011

Orthodontic Resident

College of Dental Medicine

Roseman University of Health Sciences, Henderson, NV

- Provided clinical care for orthodontic patients of all ages
- Exposed to various clinical protocols

Oct 2007

Extern & Observer

Orthodontic Clinic,

Virginia Commonwealth University, Richmond, VA

- Overserved clinical care provided by residents and faculty
- Participated in Clinical Seminar discussions

Apr 2008

Extern & Observer

College of Dental Medicine

Harvard University School of Dental Medicine, Boston, MA

- Exposed to management of mentally and physically challenged pediatric patients in OR procedures
- Participated in Clinical Seminar discussions

Jan 2001-Jul 2001

Associate Dentist

Sri Sai Dental Clinic, Hyderabad, India

- Provided dental clinical care for patients of all ages
- Provided all types of restorative treatments
- Managed the clinic independently

Jan 1999-Dec 2000

Dental Intern

Govt. Dental College & Hospital, Hyderabad, India

- Provided dental clinical care for patients of all ages
- Extensive exposure to surgical procedures

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- Fabricated various removable and fixed orthodontic appliances

RESEARCH & ADMINISTRATIVE WORK EXPERIENCE

- Nov 2017 – Current** **Program Director**
AEODO/MBA Residency Program
Roseman University of Health Sciences
- June 2014 – Current** **Chair, Institutional Review Board**
Roseman University of Health Sciences
- Handled IRB administrative duties
 - Recruited IRB reviewers and consultants
 - Conducted reviews of over 120 protocols
 - Provided periodic training to staff
- Mar 2012- Current** **Director of Dental Research**
AEODO/MBA Residency Program
CODM, Roseman University of Health Sciences, Henderson
- Created systems for effective management of research
 - Oversee resident and faculty research projects
 - Advisor for over 100 graduate projects
 - Managed research equipment
 - Facilitated grant applications
 - Offered statistical support
 - Encouraged research work showcased at national and international conferences
 - Encouraged and facilitated dissemination of scholarly activity
- Aug 2009-Feb 2012** **Graduate Research Coordinator**
College of Dental Medicine
University of Southern Nevada, Henderson, NV
- Coordinated all resident research projects
 - Offered statistical support
 - Ensured timely completion of projects
 - Facilitated defense presentations
- May 2008-Apr 2009** **Research Scholar (Long-distance)**
Dept. of General Dentistry, College of Dental Medicine

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Boston University School of Dental Medicine, Boston, MA

- Offered editing support
- Involved in study design development

Aug 2008-Apr 2008

Research Assistant

Dept. of Oral & Maxillofacial Radiology
College of Dental Medicine
Boston University School of Dental Medicine
Boston, MA

Feb 2003-May 2004

Graduate Program Coordinator & Administrative Assistant

Health Policy & Health Services Research, CODM
Boston University School of Dental Medicine, Boston, MA

Oct 98 – Oct 99

Research Assistant

Government Dental College & Hospital
Hyderabad, Andhra Pradesh, India

TEACHING EXPERIENCE

June 2017-Current

**Associate Professor, Dental Medicine
Assistant Professor, Dental Medicine**

AEODO/MBA Residency Program
College of Dental Medicine

Roseman University of Health Sciences

Has developed course material and taught:

- Research Blocks (ADE 913, 933, 953)
- Classic & Contemporary Literature Review (ADE)
- Research Design & Methodology

Oct 2003

Instructor, Ergonomics in Dentistry

Dental Public Health
College of Dental Medicine
Boston University School of Dental Medicine

Oct 1998

Teaching Assistant

Oral Pathology
Govt. Dental College & Hospital, Hyderabad, India

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Oct 1999 **Teaching Assistant**
Dental Public Health
Govt. Dental College & Hospital, Hyderabad, India

REVIEWER EXPERIENCE

Jun 2014- Current **Consultant Editor**
Angle Orthodontist, Peer-reviewed journal

Jan 2016-Current **Faculty Files Editor**
PCSO Bulletin, Orthodontic magazine
AAO Regional Constituent Publication
Quarterly Magazine

Jan 2014-Current **Editorial Board Member**
remEDy Institutional Magazine
Quarterly print magazine

March 2015 **Poster session Chair**
IADR/AADR/CADR Annual Session, Boston, MA

Dec 2014 **Poster session Judge,**
Roseman Research Symposium, Henderson, NV

Mar 2016 **Poster session Judge,**
Roseman Research Symposium, Henderson, NV

PUBLICATIONS

Articles

1. Tam B, **Bollu P**, Chaudhry K, Subramani K. The effect of pre-cure bracket movement on shear bond strength during placement of orthodontic brackets, an *in vitro* study. J Clin Exp Dent. 2017;9(10):e1212-7.
2. Wergryniak L, Hedderly D, Chaudhry K, **Bollu P**. Effectiveness of patient chosen appointment reminder methods: A Case Study. Accepted for publication. AngleOrthodontist.

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3. Pham D, **Bollu P**, Chaudhry K, Subramani K. Comparative evaluation of orthodontic bracket base shapes on shear bond strength and adhesive remnant index: An *in vitro* study. *J Clin Exp Dent*. 2017;9(7):e848-54.
4. Shen Y, Li C, Heimonen A, Meurman JH, Nunn ME, Miller DR, Van Dyke TE, **Bollu P**, Kaaja R, Janket SJ. A pilot study on maternal oral health and birth weight of twins. *Journal of Epidemiology*. Jan 2014.
5. Albaugh J, Hom D, **Bollu P**. Volumetric Ratio Analysis of the Mandible and Maxilla in Skeletal Class I, II, and III Patients. *OrthoWorld* 2015 Spring Edition.
6. Pourhamidi J, **Bollu P**, Grauer D. Resident Journal Review. *Am J Orthod & Orthop* 2014.
7. Nanda RS, Snodell SF, **Bollu P**. Transverse growth of maxilla and mandible. *Seminars in Orthodontics* 2012; 18(2), 100-17.
8. Nadimi H, Wesamaa H, Janket S-J, **Bollu P**, Meurman JH. Are sugar-free confections really beneficial for dental health? *British Dental Journal* 2011.
9. Janket SJ, **Bollu P**, Zhao DS. Questionable performance of a questionnaire. (comments/letter) *Journal of Dental Research* 2008;87:e1.
10. **Bollu P**. The AEODO research portal: Restructuring workflow. *PCSO Bulletin* 2015 Spring issue.
11. **Bollu P**. Exploring new horizons in orthodontic research. *remEDy magazine* Spring 2015 issue.
12. **Bollu, P**. Advanced research avenues at Roseman University of Health Sciences orthodontic program. *PCSO Bulletin* 2014 Spring Issue.
13. Jarret L, **Bollu P**. Innovations: Research Portal. *remEDy magazine*. Fall 2015 issue.

Conferences/Workshops/Symposia/Posters

1. Speaker S, Rodgers C, **Bollu P**. Using a statistical model to determine relative supply and demand of orthodontic services in Southern California. Participant in the Charley Schultz Resident Research Award competition. Poster presented at the AAO Annual Session, May 2018 in San Diego.

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2. Duong V, Rodgers C, **Bollu P**. A Quantitative Assessment of the Costs Associated with Orthodontic Collection Practices. Participant and winner of the Charley Schultz Resident Research Award competition. Poster presented at the AAO Annual Session, May 2017 in San Diego.
3. Htut M, Error J, Broadbent J, **Bollu P**. The Association between Cranial Base Flexure and Oropharyngeal Airway Dimensions In Patients With Retrognathic Mandible. Presented as AAO eposter at the American Association of Orthodontists Annual Session in May, 2017.
4. Ahn J, Luong H, Chaudhry K, **Bollu P**. A CBCT study on Sella Turcica Size in Skeletal Class I and Class III Adult Subjects. Presented as AAO eposter at the American Association of Orthodontists Annual Session in May 2017.
5. Bateman K, **Bollu P**, Luu C, Mandal M. Salivary Biomarkers In Assessment Of Skeletal Maturation In Orthodontic Patients.' Accepted for presentation at the American Association of Pharmaceutical Scientists annual meeting, Nov 12-15, 2017 at San Diego.
6. Cole A, Rodgers C, Bollu P. The economic feasibility of pursuing post-doctoral education in orthodontics. Presented poster at the AAO Annual Session, May 2016 in San Francisco.
7. Chittivelu G, Hom D, **Bollu P**. Exploring the Wedge Effect: Posterior teeth movement effects on anterior facial vertical dimension. Presented as an e-poster at the 2015 AAO annual conference. Orlando, FL. May 2016.
8. Rao J, Jay J, **Bollu P**. Diagnosing White Spot Lesions using Direct Examination and Quantitative-Light Induced Fluorescence. Presented as an e-poster at the 2015 AAO annual conference. Orlando, FL. May 2016.
9. Roberson G, Martin J, **Bollu P**. A CBCT Analysis of Buccal Bone Response Using MBT Bracket System. Presented as an e-poster at the 2015 AAO annual conference. Orlando, FL. May 2016.
10. **Bollu P**, Bakhaj A, Linck DW. 3D evaluation of glenoid fossa position in skeletal class II patients. Presented as a poster presentation at the IADR/AADR Annual Conference, Los Angeles, CA. March 17th, 2016.
11. Bateman K, Nasar F, **Bollu P**, Mandal M. Pilot Study Correlating Salivary IGF-I and Estrogen Levels to Skeletal Maturity in Orthodontic Patients. Accepted for publication as an e-poster at the PCSO Annual conference, Oct 22-25, 2015.
12. Ahn J, Wong V, **Bollu P**. Accuracy of 3D-Printed Dental Models from Ortho Insight 3D Desktop Scanner and Stratasys 3D Printer. Accepted for publication

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as an e-poster at the PCSO Annual conference, Oct 22-25, 2015.

13. **Bollu P**, Schoenberger K, Broadbent J. Nasal septum deviation characteristics in an orthodontic population. Presented as a poster presentation at the IADR/AADR/CADR Annual Conference, Boston, MA. March 14th, 2015.
14. **Bollu P**, Balabegian T, Broadbent J. Nasal Septum Changes As a Result of Maxillary Expansion Assessed Using CBCT. Presented as an e-poster at the 2015 AAO annual conference. San Francisco, CA. May 2015.
15. Broadbent J, Rezapour M, **Bollu P**. Exploring the Relationship Between Nasal Septum & Palatal Vault Height Using CBCT. Presented as an e-poster at the 2015 AAO annual conference. San Francisco, CA. May 2015.
16. Roberson G, Thakkar K, **Bollu P**. Establishing a Relationship between Vertical Dimension of the Face and Bizygomatic Width Using CBCT. Presented as e-poster at the AAO Conference, San Francisco, CA. May 2015.
17. Hosseini A, Roberson G, **Bollu P**. Force decay rate of elastomeric powerchains as an effect of time and pigmentation. Presented as a poster at the AAO Conference, San Francisco, CA. May 2015. Selected as a participant for Charley Schultz competition.
18. Owens M, **Bollu P**, Rehmat A, Pourhamidi J. EQRC. What is a research question: A collaborative action research? Poster presented at the EQRC Conference on Feb 9th, 2015 at Las Vegas, NV.
19. Owens, **Bollu P**, Pourhamidi. Just a click away: A postdoctoral residency program initiative for technology learner-centered approach. Selected for round-table presentation at the SITE Symposium, Las Vegas, NV March 4th, 2015.
20. Green H, Roberson G, **Bollu P**. Occlusal plane manipulation effects on mesio-distal angulation of 2-D extracted pan-like images. Poster presented at the AAO annual meeting, New Orleans, LO. Selected as participant of Charley Schultz Research Award. April 2014.
21. Niknam N, **Bollu P**, Burris B, Pourhamidi J. Post-orthodontic retention trends among orthodontists among US. AAO member survey. Presented at the AAO annual meeting. Selected as participant of Charley Schultz Research Award. March 2013.
22. Flint C, Roberson G, Martin J, Jeffres M, **Bollu P**. 3-D Ramus Height Discrepancy as an Indicator of Underlying Craniofacial Asymmetries. Presented

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poster at the AAO Annual Meeting. Selected as participant of Charley Schultz Research Award. March 2012.

23. Janket S, Meurman JH, Heimonen A, **Bollu P**, Kaaja R. Salivary immunoglobulin A, C-reactive protein and body mass index in pregnancy. (Presented at the 6th International conference for the study of diabetes in pregnancy, in Salzburg, Austria, April, 2011).
24. **Bollu P**, Mardini S, Gohel A. Horizontal Versus Vertical Bitewing Radiographs in Opening Interproximal Tooth Contacts. Poster presented at the AADR Annual Session, April 2008.
25. **Bollu P**. The role of acetaminophen in orthodontic tooth movement. Oral presentation at the Yankee Dental Congress, Boston, MA. Feb 2008.
26. **Bollu P**. The Use of Virtual Reality in Orthognathic Surgery. Oral presentation at the 53rd Annual IDA Conference, Bangalore, India, Jan 1999.
27. Hou J, Broadbent J, **Bollu P**. Morphologic Characteristics of Skeletal Maxilla in Patients with Unilateral Palatally Displaced Canine using CBCT. Poster presented at the Roseman research symposium. Las Vegas, NV. December 2014.
28. Wong V, Ahn J, **Bollu P**. Accuracy of 3D-Printed Dental Models Created from Stratasys Company. Poster presented at the Roseman research symposium. Las Vegas, NV. December 2014.
29. Andrews, Jourabchi, Roberson, **Bollu P**. Effect of Hydrogen Peroxide Containing Toothpaste on Orthodontic Shear Bond Strength. Poster presented at the Roseman research symposium. Las Vegas, NV. December 1st, 2014.
30. Yashari, Albaugh, Hom, **Bollu P**. Volumetric Ratio Analysis of the Mandible and Maxilla in Skeletal Class I, II, and III Patients. Poster presented at the Roseman research symposium. Las Vegas, NV. December 2014.
31. Nasar, Mandal, **Bollu P**. Correlation of Salivary IGF-1 and Estrogen Levels to Skeletal Maturity in Orthodontic Patients. Roseman research symposium. Las Vegas, NV. December 2014.
32. **Bollu P**, Mardini S, Gohel A. Horizontal Versus Vertical Bitewing Radiographs in Opening Interproximal Tooth Contacts. Poster presented at BU Science Day. March 2008.

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33. **Bollu P.** The Use of Virtual Reality in Orthognathic Surgery. Oral presentation at the Dentsply Young Researcher Competition. Government Dental College & Hospital, Hyderabad, India, Oct 1998.

Speaker Sessions

34. **Featured speaker** at a fundraiser event 'High Tea' organized by the Roseman University of Health Sciences. Lectured on 'The impact of habits on malocclusion and prevention strategies'. Ravello, Lake Las Vegas, NV, March 2013.
35. Speaker at Southern Nevada Early Childhood Advocacy Program. Lectured on 'Oral Habits & Intervention: Increasing awareness by education'. Las Vegas, NV, Jan 2013.
36. Guest Speaker representing dentistry. Lectured on 'Oral and periodontal health in diabetic patients: Things to remember' Nevada Diabetes Council. Springs Preserve, Las Vegas, NV, Nov 2012.
37. Presenter. The Role of Acetaminophen in Orthodontic Tooth Movement. Oral presentation at the Annual Yankee Dental Conference, Boston, MA, Jan 29, 2007.

Research Grant

North America Align Research Award (\$25,000)

Role: Principal Investigator

Effort: 4%

Project: Effects of Repeated Loading on the Force Decay Pattern of Clear Aligners

HONORS & AWARDS

1. The 2017 Charley Schultz Research Scholar Award. Co-mentor for project that won third place in the national competition of all orthodontic programs. - Duong V, Rodgers C, Stevens R, **Bollu P.** A Quantitative Assessment of the Costs Associated with Orthodontic Collection Practices. Participant and winner of the Charley Schultz Resident Research Award competition. Poster presented at the the AAO Annual Session, May 2017 in San Diego.

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2. The 2016 Charley Schultz Research Scholar Award. Co-Mentor for project that was selected as the Top 5 at the national competition of research conducted at all orthodontic programs. -Dr. April Cole, Rodgers C, Stevens R, Bollu P. The economic feasibility of pursuing orthodontics as a specialty.
3. The 2015 ACUTA Institutional Excellence Award under 'Small institution category' – Awarded to the University for the AEODO research portal – developed by Bollu P & Jarett L. Receive trophy at the 2015 ACUTA annual conference' Atlanta, GA – April 21, 2015.
4. The GAC G-CARE University Research Award. Role as co-mentor for a project by Albaugh J, Hom D, Bollu P. Award presented at the GAC World Orthodontic Congress. San Diego, CA on Feb 19th, 2015.
5. Best Resident Research Award. Co-Mentor for project that won first prize at the first annual Roseman Research Symposium. Project Details: Wong V, Ahn J, Bollu P. Dec 1st, 2015.
6. The 2013 ICC Community Achievement Award for excellence in community involvement and research – Las Vegas, Nov 2013
7. Best Student in Oral Radiology, Boston University School of Dental Medicine. Received at graduation ceremony, Boston, MA– May 2008
8. Dean's List – Boston University School of Dental Medicine - 2008
9. Sigma Xi Award for contributions to Student Research – Presented at the Yankee Dental Congress, Boston, MA– May 2007
10. Colgate Palmolive Gold Medal for 'Best Student –Orthodontics' during dental school. Received award in AP, India. 1999
11. Hamid Abu Thali Medal for 'Best Student in Pedodontics' in dental school. Received award in AP, India. 1999.
12. M.S. Gowd Award 'Over-all Outstanding performance' during dental school. Received award in New Delhi, India. 1999.
13. Dentsply award for outstanding student research. Received at GDC&H for best student research project from AP, India. 1999.
14. Colgate Palmolive Award for best overall academic performance, 1998

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15. Won first place for 'Dentsply Young Inventor Competition' at state level and selected to participate at national level competition for young researchers. 1998.
16. Best student writer award. GDC&H annual essay writing competition. AP, India. 1997.
17. Best student writer award. BVK Jr College annual creative essay writing competition. AP, India. 1994.

LICENSURE & CERTIFICATIONS

- Orthodontic Specialty License, State of Nevada, Aug 2011-Current
- Nevada State Board to practice general dentistry, Aug 2008-June 2011
- Basic Life Support for Healthcare Providers, NV, Jul 2010-Current
- NIH Training for Human Subject and Education, Mar 2007-Current
- Invisalign, Boston University, Boston, MA, Mar 2007
- Soft Tissue Diode Laser, USN, 2011
- Incognito (Lingual Braces), USN, 2011

COMMITTEES, MEMBERSHIPS & LEADERSHIP

- Roseman University of Health Sciences Research Symposium Organizing Committee, 2015-2017
- Grants sub-committee, Roseman University of Health Sciences, 2015
- Editorial Board, RemEDy magazine, Jan 2014 to Current
- CORE committee, Roseman University of Health Sciences, 2014
- Faculty representative, Professionalism Board, College of Dental Medicine, Roseman university of Health Sciences. July 2013 to Current
- Member, Society for Information Technology and Teacher Education (SITE)
- Member, National Association for Professional Women, Dec 2013 to Current
- Member, American Association of Orthodontists, Feb 2008 to Current
- Member, PCSO, Feb 2008 to Current
- Member, Southern Nevada Dental Society, Feb 2008 to Current
- Member, Southern Nevada Dental Society, 2008 to Current
- Member, American Association of Dental Research, 2010 to Current
- Vice-President, Boston University Student Research Group 2007-2008
- Member, Sigma Xi The Scientific Research Society, 2007-2010
- Member, American Dental Association, 2006 to Current
- Secretary, House-Surgeons/Interns Association, India 1999-2000

CONFERENCES & WORKSHOPS

- American Association of Orthodontists Annual Session 2009-2016
- International Association of Dental Research 2014
- American Association of Dental Research 2008-2016
- McLaughlin Course 2010
- ACUTA Conference, Atlanta 2014
- Yankee Dental Congress 2007
- American Dental Association 2007
- Southern Nevada Dental Society 2010, 2015
- Indian Dental Congress, 2000

COMMUNITY OUTREACH

- Give Kids a Smile, Annually From Jan 2009 - Current
- OHEP Outreach Program, April 2005, 2006, 2008
- Sealant program for second grade kids, Mar 2004
- Tobacco and Smoking Awareness Campaign, Dec 2000
- Oral Health Awareness Camp in rural areas, Nov 2000

OTHER

Languages: Fluent in English, Hindi & Telugu

Hobbies: Book reading, cooking

References:

Dr. Jeff Talbot

Dr. Okeleke

Dr. Ko