

RON CALOSS, DDS, MD
CURRICULUM VITAE

OFFICE ADDRESS **Aligned Oral and Facial Surgery**
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EDUCATION **University of Texas, Austin, 1989, BA Biology**
University of Texas Health Science Center, San Antonio, 1994, DDS
University of Texas Health Science Center, San Antonio, 1999, MD

INTERNSHIP **University of Texas Health Science Center, San Antonio, 2000 General Surgery**

RESIDENCY **Wake Forest University, Winston Salem, North Carolina, 1994-96, General Practice Residency**
University of Texas Health Science Center, San Antonio, 1996-2000, Oral Maxillofacial Surgery Residency

FELLOWSHIP **Baptist Golden Triangle Hospital, Columbus, MS, 2002-03, Facial Cosmetics**

LICENSURE **Mississippi- Dental –347708**
Mississippi- Medical--17730

BOARD CERTIFICATION **Certification Maintenance ABOMS**
American Board of Oral and Maxillofacial Surgery, 2004
American Board of Oral and Maxillofacial Surgery Diplomate

MILITARY **None**

CURRENT HOSPITAL APPOINTMENTS

July 2008- present The University of Mississippi Medical Center Hospitals, Jackson, MS
April 2022- present Mississippi Baptist Medical Center Hospital, Jackson, MS

PROFESSIONAL APPOINTMENTS

April 2022 - present Staff Physician, Mississippi Baptist Medical Center

July 2018 - present	Professor University of Mississippi Medical Center Department of Oral-Maxillofacial Surgery and Pathology School of Dentistry
July 2008 – 2018	Associate Professor University of Mississippi Medical Center Department of Oral-Maxillofacial Surgery and Pathology School of Dentistry
July 2015 – Jan 2021	Chairman University of Mississippi Medical Center Department of Hospital Dentistry & Dental Specialties
July 2014 – Mar 2016	Chairman University of Mississippi Medical Center Department of Oral-Maxillofacial Surgery and Pathology School of Dentistry
July 2013 – June 2014	Interim Chairman & Associate Professor University of Mississippi Medical Center Department of Oral-Maxillofacial Surgery and Pathology School of Dentistry
July 2008- June 2014	Residency Program Director University of Mississippi Medical Center Department of Oral-Maxillofacial Surgery and Pathology School of Dentistry
June 2004 – June 2008	Assistant Professor University of Texas Southwestern Medical Center, Dallas, TX Department of Surgery Division of Oral and Maxillofacial Surgery
July 2003- June 2004	Private Practice Associates in Oral and Maxillofacial Surgery Bedford and Grapevine, Texas

ASSOCIATION MEMBERSHIPS

Oral and Maxillofacial Surgery

American Association of Oral and Maxillofacial Surgeons
International Association of Oral and Maxillofacial Surgeons

Other

Christian Medical and Dental Association
American Dental Association
Mississippi Dental Association
Omicron Kappa Upsilon National Dental Honor Society, Rho Sigma Chapter

PERSONAL AND PROFESSIONAL RECOGNITION AND AWARDS

Elected to Alpha Omega Alpha Medical Honor Society, 1998
Elected to Omicron Kappa Upsilon Dental Honor Society, 1994
Dr. William S. Kramer Award of Excellence, Omicron Kappa Upsilon, 1993
Student research fellowship award, American Association for Dental Research, 1992
Student research fellowship award, American Association for Dental Research, 1991
Elected to Phi Beta Kappa, 1989

PROFESSIONAL SERVICE

2019-present Chair, Mississippi State Board of Dental Examiners Anesthesia Advisory Panel
2019-2020 President, Omicron Kappa Epsilon, University of Mississippi School of Dentistry
2015-present American Board of Oral Maxillofacial Surgeons Examination Committee

COMMITTEES

2020-2022 Professional Practice Evaluation Committee, University of Mississippi Medical Center
2015-present American Board of Oral Maxillofacial Surgeons Examination Committee
2015-2022 Continuing Education Committee, University of Mississippi School of Dentistry
2015-2021 Executive Committee, University of Mississippi Medical Center
2014-2021 Perioperative Services Committee, University of Mississippi Medical Center
2014-2022 Centers & Institutes Committee, University of Mississippi Medical Center
2013-2016 School of Dentistry Executive Committee, University of Mississippi Medical Center
2013-2016 School of Dentistry Clinical Affairs Advisory Committee, University of Mississippi Med Center
2008-2022 School of Dentistry Research Advisory Council, University of Mississippi Medical Center
2008-2014 Graduate Medical Education Committee, University of Mississippi Medical Center
2007-2008 Board of Directors, Texas Society of Oral and Maxillofacial Surgery
1994 Student delegate, Texas Dental Association,
1993-1994 Curriculum Planning Committee, University of Texas Health Science Center at San Antonio Dental School
1992-1994 Delegate, American Student Dental Association
1992 Admissions Committee, University of Texas Health Science Center at San Antonio Dental School
1990-1991 Class vice president, University of Texas Health Science Center at San Antonio Dental School

JOURNAL PUBLICATIONS

1. Tankersley AC, Nimmich MC, Battan A, Griggs JA, **Caloss R**: Comparison of the Planned Versus Actual Jaw Movement Using Splint-Based Virtual Surgical Planning: How Close Are We at Achieving the Planned Outcomes? *J Oral Maxillofac Surg.* 2019; 77(8):1675-1680.
2. Qaisi M, Kolodney H, Swedenburg G, Chandran R, **Caloss R**: Fibula Jaw in a Day: State of the Art in Maxillofacial Reconstruction. *J Oral Maxillofac Surg.* 2016; 74(6):1284.e1-1284.e15.
3. Qaisi M, Hargett J, Brown J, **Caloss R**, Loeb M: Denosumab Related Osteonecrosis of the Jaw with Spontaneous Necrosis of the Soft Palate; Report of a Life Threatening Case. *Case Reports in Dent.* 2016.
4. Qaisi M, Loeb M, Montague L, **Caloss R**: Mandibular Brown Tumor of Hyperparathyroidism Requiring Extensive Resection: A Forgotten Entity in the Developed World? *Case Reports in Med.* 2015.
5. West, GH, Griggs, JA, Chandran, R, Precheur, HV, Buchanan, W, **Caloss R**. Treatment Outcomes With the Use of Maxillomandibular Fixation Screws in the Management of Mandible Fractures. *J Oral Maxillofac Surg.* 2014;72(1):112-20.
6. Scroggins S, Baran AS, Angel, MF, **Caloss R**: Distraction Osteogenesis as a Treatment for Retrognathia and Obstructive Sleep Apnea Resulting from Temporomandibular Joint Septic Arthritis. *J Oral Maxillofac Surg.* 2012 70(9):e509-15.
7. Chandran R, Keeler GD, Christensen AM, Weimer KA, **Caloss R**: Application of Virtual Surgical Planning for Total Joint Reconstruction With a Stock Alloplast System. *J Oral Maxillofac Surg.* 2011 69(1):285-94.

8. **Caloss R**, Al-Arab M, Finn RA, Throckmorton GS: The effect of denture stability on bite force and muscular effort. *J Oral Rehabil.* 2011; 38(6):434-9.
9. **Caloss R**, Al-Arab M, Finn RA, Lonergan O, Throckmorton GS: Does long-term use of unstable dentures weaken jaw muscles? *J Oral Rehabil.* 2010; 37(4):256-61.
10. Throckmorton GS, Rasmussen J, **Caloss R**: Calibration of T-Scan sensors for recording bite forces in denture patients. *J Oral Rehabil.* 2009; 36(9):636-43.
11. Cillo JE, **Caloss R**, Miles BA, Ellis E: An Unusual Response Associated with Cross-Linked Porcine Dermal Collagen (ENDURAGen™) used for Reconstruction of a Post-Traumatic Lateral Nasal Wall Defect. *J Oral Maxillofac Surg.* 2007; 65(5):1017-22.
12. Cillo JE, **Caloss R**, Wendelken JA: Excision of Subcutaneous Facial Cysts and Lipomas Utilizing Cosmetic Approaches. *J Oral Maxillofac Surg.* 2006; 64(11):1603-16.
13. Schmidt BL, Milam SB, **Caloss R**: Future Directions for Pain Research in Oral and Maxillofacial Surgery: Findings of the 2005 AAOMS Research Summit. *J Oral Maxillofac Surg.* 2005; 63(10):1410-7.
14. Salisbury PL, **Caloss R**, Cruz JM, Powell BL, Cole R, Kohl RI: Mucormycosis of the mandible after dental extractions in a patient with acute myelogenous leukemia. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 1997; 83(3):340-4.
15. Braun G, Kohavi D, Amir D, Luna M, **Caloss R**, et al: Markers of primary mineralization are correlated with bone-bonding ability of titanium or stainless steel in vivo. *Clin Oral Implants Res.* 1995; 6(1):1-13.

INVITED PUBLICATIONS

1. **Caloss R**. Genioplasty. In: Kademani D, Tiwana PS. *Atlas of Oral Maxillofacial Surgery, 2nd ed.* St. Louis: Elsevier Saunders; (in press).
2. **Caloss R**. Augmentation of the Midface and Mandible With Alloplastic Implants. In: Kademani D, Tiwana PS. *Atlas of Oral Maxillofacial Surgery, 2nd ed.* St. Louis: Elsevier Saunders; (in press).
3. **Caloss R**. Genioplasty. In: Kademani D, Tiwana PS. *Atlas of Oral Maxillofacial Surgery, 2nd ed.* St. Louis: Elsevier Saunders; 2016.
4. **Caloss R**, Chandran. R. Ameloblastoma. In: Kountakis SE. *Encyclopedia of Otolaryngology, Head and Neck Surgery.* New York, NY: Springer; 2013.
5. **Caloss R**, Kim K. Rhinoplasty. In: Griffin J, Kim K. *Cosmetic Surgery for the Oral and Maxillofacial Surgeon.* Quintessence; 2010.
6. **Caloss R**, Sinn D: Functional rhinoplasty – the assessment and treatment of nasal obstruction. *Selected Readings in Oral and Maxillofacial Surgery* 14(4):1-60, 2006.
7. **Caloss R**, Atkins K, Stella JP. Three-dimensional imaging for virtual assessment and treatment simulation in orthognathic surgery. *Oral Maxillofac Surg Clin North Am.* 2007 Aug;19(3):287-309.
8. Griffin J, **Caloss R**: Nasal deformities. *Atlas Oral Maxillofac Surg Clin North Am.* 2004 Mar;12(1):31-74.
9. **Caloss R**, Lard MD: Anesthesia for office-based facial cosmetic surgery. *Atlas Oral Maxillofac Surg Clin North Am.* 2004 Mar;12(1):163-77.

ORAL ABSTRACT AND POSTER PRESENTATIONS

1. Dyke J, Allen W, **Caloss R**. Comparison of 2D and 3D Virtual Planning for Orthognathic Surgery. Poster presentation. International Association of Oral and Maxillofacial Surgeons NextGen Online Conference, February, 2021.
2. Weber R, **Caloss R**, Pav Y, Griggs J. VSP Stone Model vs Digital Model Setup: Is There a Difference? *J Oral Maxillofac Surg* 78(10), e80-e81. Poster presentation. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2020.
3. **Caloss R**. Upper Airway Volumetric Analysis Utilizing Dolphin Imaging. Oral Abstract. American Academy of CranioMaxilloFacial Surgeons Annual Meeting, 2016.
4. Collins J, Young R, **Caloss R**, Price H. Upper Airway Volumetric Analysis Utilizing Dolphin Imaging. Poster presentation. University of Mississippi School of Dentistry Research Day, 2016.
5. Qaisi M, Kolodney H, Swedenburg G, Chandran R, Loeb M, **Caloss R**. Fibula Jaw in a Day: State of the Art Reconstruction. Poster presentation. University of Mississippi School of Dentistry Research Day, 2015.

6. **Caloss R**, Parthasarathy J. Comparison of 3D Computer-Assisted Virtual Planning and Articulated Model Planning for Bimaxillary Orthognathic Surgery. Oral Abstract. American Academy of CranioMaxilloFacial Surgeons Annual Meeting, 2015.
7. **Caloss R**, Duan Y, Parthasarathy J, Jing WS. Comparison of 3D Computer-Assisted Virtual Planning and Articulated Model Planning for Bimaxillary Orthognathic Surgery. *J Oral Maxillofac Surg* 72 (9), e44-e45 Oral Abstract. American Association of Oral and Maxillofacial Surgeons 96th Annual Meeting, 2014.
8. Umphlett W, Witcher E, Thomas J, Williamson S, Roach M, **Caloss R**. Evaluation of the insertion torques and axial pull-out loads for commercially available TAD and MMF screws in a series of artificial bone foam densities. Poster presentation. University of Mississippi School of Dentistry Research Day, 2014.
9. Umphlett W, Witcher E, Thomas J, Williamson S, Roach M, **Caloss R**. Evaluation of the insertion torques and axial pull-out loads for commercially available TAD and MMF screws in a series of artificial bone foam densities. Poster presentation. American Dental Association Annual Meeting. 2014.
10. West GH, Chandran R, Griggs J, Precheur H, **Caloss R**. Assessment of Maxillomandibular Fixation (MMF) Screws For Management of Mandible Fractures. Poster presentation. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2012.
11. Chandran R, Battan A, Weimer KA, **Caloss R**. Comparison of computer-assisted virtual planning and articulated model planning for bimaxillary surgery. Oral abstract. FACES Annual Conference, 2012.
12. Chandran R, Battan A, Weimer KA, **Caloss R**. Comparison of computer-assisted virtual planning and articulated model planning for bimaxillary surgery. Poster presentation. University of Mississippi School of Dentistry Research Day, 2012.
13. West GH, Chandran R, Griggs J, Precheur H, **Caloss R**. Assessment of Maxillomandibular Fixation (MMF) Screws For Management of Mandible Fractures. Poster presentation. ADA Annual Meeting, 2011.
14. Douglas K, James J, Hester R, **Caloss R**. Volumetric Airway Analysis of a Phantom Airway Utilizing Various Imaging Modalities and Surgicase CMF. Poster presentation. University of Mississippi School of Dentistry Research Day, 2011.
15. Chandran R, Keeler GD, Christensen AM, Weimer KA, **Caloss R**. Application of Virtual Surgical Planning for Total Joint Reconstruction With a Stock Alloplast System. Poster presentation. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2010.
16. **Caloss R**. Functional rhinoplasty – The improvement in nasal patency as measured by the nasal obstruction symptom evaluation (NOSE). *J Oral Maxillofac Surg* 68 (9), e35-e36. Oral Abstract. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2010.
17. **Caloss R**, Sinn D. Functional rhinoplasty—the assessment and management of obstructive nasal deformities. *J Oral Maxillofac Surg* 65 (9), 80. Oral abstract. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2007.
18. Toru O, Zardeneta G, **Caloss R**, Milam SB. Reactive oxygen species-mediated activation of MMP-9 and MMP-9/TIMP-1 complex in synoviocytes. *J Oral Maxillofac Surg* 59:49. Oral abstract. American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2001.
16. Braun G, Kohavi D, Amir D, Luna M, **Caloss R**, Sela J, Dean DD, Boyan BD, Schwartz Z. Markers of primary mineralization are correlated with bone-bonding ability of titanium and stainless steel in vivo. *Clin Oral Implants Res.* 6(1):1, 1995.
17. **Caloss R**: PGE2 regulates chondrocyte plasmalemma and matrix vesicle alkaline phosphatase. *J Dent Res* 72:120, 1993.
18. **Caloss R**: Titanium implants stimulate matrix vesicle alkaline phosphatase in healing bone. *J Dent Res* 71:307, 1992.

INVITED LECTURES

1. Management of Dentofacial Deformities—A Surgeon’s Perspective. Mississippi Society of Orthodontists. Annual Meeting. Jackson, MS, 2020.
2. Emerging Technologies in Orthognathic Surgery. North American SORG Modular Training Series, Congenital & Developmental Deformities. Jacksonville, Florida, 2019.
3. Temporomandibular Disorders and Associated Dentofacial Deformities. Mississippi Association, District VI Annual Meeting, 2019.
4. Oral and Maxillofacial Surgery For Your Dental Team—Surgical Indications for the Management of Malocclusion. University of Mississippi Medical Center Continuing Education, 2019.

- 5.Oral and Maxillofacial Surgery For Your Dental Team—Surgical Indications for the Management of Temporomandibular Disorders. University of Mississippi Medical Center Continuing Education, 2019.
- 6.Combine Use of Alloplastic Implants and Orthognathic Surgery For The Management of Dentofacial Deformities. University of Mississippi School of Dentistry Grand Rounds, 2016.
- 7.Alloplast Implants As An Adjunct For Orthognathic Surgery—Outcomes and Experience. North American SORG Modular Training Series, Congenital & Developmental Deformities. Houston, Texas, 2015.
- 8.Clinical Interest Group on Obstructive Sleep Apnea and Sleep-Related Breathing Disorders: Maxillomandibular Advancement Complications, 96th American Association of Oral and Maxillofacial Surgeons Annual Meeting, 2014.
- 9.Surgical Management of Dentofacial Deformities. South Mississippi Dental Society. Hattiesburg, MS, 2013.
- 10.Obstructive Sleep Apnea Symposium. 95th American Association of Oral and Maxillofacial Surgeons Annual Meeting. Orlando, Florida, 2013.
- 11.Surgical Orthodontic Correction of Skeletal Deformities. Mississippi Dental Association Annual Session. Destin, Florida, 2013.
- 12.Virtual Surgical Planning for Maxillofacial Reconstruction. University of Texas Southwestern Division of Oral and Maxillofacial Surgery Resident Conference. Dallas, Texas, 2012.
- 13.Management of Bisphosphonate Related Osteonecrosis of the Jaw. Mississippi Academy of General Dentistry. Jackson, MS, 2012.
- 14.Obstructive Sleep Apnea and Maxillomandibular Advancement. Mississippi Academy of General Dentistry. Jackson, MS, 2012.
- 15.Non-Surgical and Surgical Management of Temporomandibular Disorders. 6th District Mississippi Dental Association. Meridian, Mississippi, 2012.
- 16.Esthetic and Functional Benefits of Corrective Jaw Surgery. 6th District Mississippi Dental Association. Meridian, Mississippi, 2012.
- 17.Management of the Medically Compromised Patient in the Dental Office. 6th District Mississippi Dental Association. Meridian, Mississippi, 2012.
- 18.Obstructive Sleep Apnea and Maxillomandibular Advancement. Mississippi Sleep Society Conference. Jackson, Mississippi, 2012.
- 19.Virtual Surgical Planning for Maxillofacial Reconstruction. University of Texas Health Science Center at San Antonio Department of Oral and Maxillofacial Surgery Resident Conference. San Antonio, Texas. 2011.
- 20.Obstructive Sleep Apnea and Maxillomandibular Advancement. Mississippi Sleep Society Conference. Jackson, Mississippi, 2010.
- 21.Management of the Medically Compromised Patient in the Dental Office. Golden Triangle Study Club. Starkville, Mississippi, 2010.
- 22.Surgical Rejuvenation of the Midface and Cervicofacial Region. Second Annual American College of Oral and Maxillofacial Surgery Facial Cosmetic Surgery Symposium. Biloxi, Mississippi, 2003.
- 23.Distractio Osteogenesis: Mandibular Lengthening In a Patient with Unstable Condylar Resorption. Southwest Society of Oral and Maxillofacial Surgeons, 1999.

JOURNAL REVIEWER

2016-present Journal of Oral and Maxillofacial Surgery

2016-present American Journal of Orthodontics and Dentofacial Orthopedics

COURSE DIRECTOR

University of Mississippi Medical Center School of Dentistry Courses

2013-2021 *Advanced Topics in Oral and Maxillofacial Surgery D639-2*

2013-2016 *Clinical Practices in Oral-Maxillofacial Surgery D675*

University of Mississippi Medical Center Continuing Education Courses

Management of the Oral Surgery Patient. What the General Dentist Needs to Know. September 2014.

STUDENT/RESIDENT RESEARCH SUPERVISION

2020-2021	Ryan Weber. Comparison of stone model and digital model occlusion setup for orthognathic surgery.
2020-2021	Jeff Dyke, Will Allen. Comparison of 2D virtual treatment objective with 3D virtual planning for orthognathic surgery.
2015	Joe Collins, RonaldYoung. Upper airway analysis utilizing Dolphin Imaging
2013-14	Edwin Witcher , Will Umphlett. Evaluation of the insertion torques and axial pull-out loads for commercially available TAD and MMF screws.
2009-13	Griffin West and Ravi Chandran. Treatment outcomes with the use of maxillomandibular fixation screws in the management of mandible fractures
2011-12	Ravi Chandran. Virtual surgical planning for orthognathic surgery
2008-09	Kristin Douglas. Airway phantom volumetric analysis

RESEARCH

Research Projects

Assessment of accuracy of virtual surgical planning for orthognathic surgery.

Comparison of stone model and digital model occlusion setup for orthognathic surgery.

Performance of maxillomandibular fixation screws for management of mandibular fractures.

Research Grants

2016-2017	Zimmer-Biomet Grant - Caloss (PI) Precision of virtual surgical planning for orthognathic surgery
2010-2014	Stryker CMF Corporate Grant, Caloss (PI) Use of MMF screws in the management of mandible fractures.
2006	Oral and Maxillofacial Surgery Foundation Grant - Caloss (PI) Jaw muscle efficiency with implant supported overdentures
2005	International Team for Implantology (ITI) Foundation - Caloss (PI) Jaw muscle efficiency with implant supported overdentures