Date Updated: March 22, 2024

Name: Susie Lin D.D.S., M.D.

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Vanderbilt University Medical Center,

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#### **Office Phone Number: (615) 343-9404**

Place of Birth: Yi-Lan, Taiwan, Republic of China

#### Education:

- College:
- State University of New York at Stony Brook, New York
  B.S. in Biochemistry, SUMMA CUM LAUDE, 8/1989 5/1993
- Professional or graduate schools:
- New York University College of Dentistry, New York, D.D.S., 8/1994 5/1998
- Vanderbilt University School of Medicine, M.D., 8/1998 5/2001

#### • Postgraduate Training:

- Oral and Maxillofacial Surgery, Chief Resident, Vanderbilt University 7/2003 – 6/2004
- General Surgery Internship, Vanderbilt University 7/2001 6/2002
- Oral and Maxillofacial Surgery Residency, Vanderbilt University 7/1998 – 6/2003
- Visiting scholar Department of Plastic Reconstructive and Craniofacial Surgery, Chang Gung Memorial Hospital, Taiwan 12/2014 – 1/2015
- Craniofacial Surgical Fellowship Department of Plastic Reconstructive and Craniofacial Surgery, Chang Gung Memorial Hospital, Taiwan 4/1/2015 – 3/31/2016

#### Licensure and Certification:

- State(s) in which licensed: date, name, license number
- Tennessee MD38775
- Tennessee DS8324
- New York Medical license 232350

- New York Dental license 051749
- Wisconsin Medical license 46847-020
- Specialty board(s): Board, specialty, date
- Certified by American Board of Oral and Maxillofacial Surgery, 3/2006
- Recertified in 11/2016

#### Academic Appointments:

- Assistant Professor, Department of Oral & Maxillofacial Surgery, Vanderbilt University Medical Center, 8/2016 – 10/2023
- Associate Professor, Department of Oral & Maxillofacial Surgery, Vanderbilt University Medical Center, 10/2023 present

#### **Hospital Appointments:**

- St. Agnes Hospital, Fond du Lac, Wisconsin: 8/2004 6/2005
- University Medical Center, Lebanon, Tennessee (Vanderbilt Wilson County Hospital): 7/2005 – 3/2015
- Chang Gung Memorial Hospital, Taoyuan, Taiwan (Craniofacial Surgery Fellowship): 4/1/2015 3/31/2016
- Vanderbilt University Medical Center 8/1/2016 present

#### Employment:

- Private practice, associate position, Fond du Lac, WI 7/2004 – 6/2005
- Private practice, owner, Lebanon, TN and Nashville, TN 7/2005 – 3/2015
- Assistant professor, Department of Oral and Maxillofacial Surgery, Vanderbilt University Medical Center, Nashville, TN 8/2016 – 10/2023
- Associate Professor, Department of Oral & Maxillofacial Surgery, Vanderbilt University Medical Center, Nashville, TN 10/2023 – present

# Professional Organizations:

- American Association of Oral and Maxillofacial Surgeons (AAOMS), 2004 – present
- American Board of Oral and Maxillofacial Surgery (ABOMS) 2006 - present
- American Board of Oral and Maxillofacial Surgery Certification Examination committee, 9/2019 present

- Tennessee Society of Oral and Maxillofacial Surgeons (TSOMS) 2005 – present
- International Association of Oral and Maxillofacial Surgeons (IAOMS), 2/2022 - present

# **Professional Activities:**

- **Residency research coordinator**, VUMC, Dept of Oral and Maxillofacial Surgery
  - 8/2017 present
- Course director, VUMC, Department of Oral and Maxillofacial Surgery, Advanced Physical Diagnosis and Clinical Reasoning for OMFS Interns
  - 7/2017- present
- Reviewer for VUMC Section of Surgical Sciences, Scientific Committee
  - 4/2019 4/2020
- Reviewer for Journal of Oral and Maxillofacial Surgery,
  - 8/2019 present
- Board Examiner, American Board of Oral and Maxillofacial Surgery
  - 9/2019 2/2021
    - Written Qualifying Exam, Certification Maintenance, The Oral and Maxillofacial Surgery In-Service Training Exam (OMSITE) - item writer.
  - 2/2021 present
    - Oral Certifying Exam board examiner
- Department representative, Vanderbilt Children's Hospital Surgical Quality Team
  - 10/2021 present
- Oral Abstract Moderator during the 2021 AAOMS Annual Meeting held in Nashville, TN. Oral Abstract Session 2.
  - Sept. 27 Oct. 2, 2021.
- Lead judge for Abstract session 2, 2021 AAOMS Annual Meeting
  - Sept. 27 Oct. 2, 2021.
- Residency program director, VUMC, Department of Oral and Maxillofacial Surgery,
  - 8/2022 present

#### **Teaching Activities:**

Clinical Teaching: nature and frequency

Residents are encouraged to be involved in clinical research. Since 2016, I have supervised several OMFS residents on various research projects. I have worked with the residents on the study designs, IRB application submission, data collection, literature search and manuscript preparation. The following are the abstracts of research studies and resident commentary published in the Journal of Oral and Maxillofacial Surgery:

• Varying Treatments for Osteomyelitis in Two Patients with Osteopetrosis Including the Use of Bone Morphogenetic Protein-2

S.N. Barnes, S.I. Lin and S.J. McKenna

Journal of Oral and Maxillofacial Surgery, 2017-10-01, Volume 75, Issue 10, Pages e394-e395, Copyright © 2017

Manuscript under preparation - case report and literature review on the effect of BMP-2 in bone and soft tissue healing in one patient with osteopetrosis and osteomyelitis– a five-year follow up.

Increased Incidence of Clindamycin-Resistance in Head and Neck

Infections within Oral and Maxillofacial Surgery

M. Border, D. Coke and S.I. Lin

Journal of Oral and Maxillofacial Surgery, 2017-10-01, Volume 75, Issue

10, Pages e379-e380, Copyright © 2017

 Necrotizing Fasciitis of the Head and Neck of Odontogenic Origin: A Retrospective Review A. LaMothe, T. Czechura, S. Lin, L. Vega and S. Mckenna

Journal of Oral and Maxillofacial Surgery, 2020-10-01, Volume 78, Issue 10, Pages e88-e88, Copyright © 2020

 Rigid Fixation after Intraoral Vertical Ramus Osteotomy: A Retrospective Study and Description of Technique

R. Strait DMD, MD and S. Lin DDS, MD

Journal of Oral and Maxillofacial Surgery, 2021-10-01, Volume 79, Issue 10, Pages e82-e83, Copyright © 2021

# Manuscript of the full-length article submitted to JOMS for peer review on August 25, 2022

• Resident Commentary: Does the Use of Computer-Aided Surgery Affect the Margin Status in Resection of Ameloblastoma?

# Rachel Strait DMD, MD, Tomasz Czechura DMD, MPH and **Susie I.** Lin DDS, MD

Journal of Oral and Maxillofacial Surgery, 2021-07-01, Volume 79, Issue 7, Pages e3-e5, Copyright © 2021 The American Association of Oral and Maxillofacial Surgeons

#### **Publications:**

#### Articles

- Lin S, Chen C, Yao CF, Chen YA, Chen YR: Comparison of different hypotensive anesthesia techniques in orthognathic surgery with regard to intraoperative blood loss, quality of surgical field, and postoperative nausea and vomiting. Int J Oral Maxillofac Surg. 45(12):1526-1530, 2016.
- Lin S, Hsiao YC, Chang CS, Chen PKT, Chen JP: Diced Costal Cartilage Graft for Revision Rhinoplasty in a 64-year-old Cleft Patient: A Case Report. Plast Reconstr Surg Glob Open 4(7): e813, 2016.
- Lin S, Hsiao YC, Chang CS, Chen PKT, Chen JP, Ueng SH: Histology and Long Term Stability of Diced Cartilage Graft for Revision Rhinoplasty in a cleft patient: A Case Report. Plast Reconstr Surg Glob Open 4(6): e763, 2016
- Lin S, McKenna SJ, Yao CF, Chen YR, Chen C: Effects of hypotensive anesthesia on reducing intraoperative blood loss, duration of operation and quality of surgical field during orthognathic surgery- a systematic review and meta-analysis of randomized controlled trials. J Oral Maxillofac Surg 75:73-86, 2017.

- Lin S, Hsiao YC, Huang JJ, Chang CS et al.: Minimal Invasive Rhinoplasty: Fat Injection for Nasal Dorsum Contouring. <u>Ann Plast</u> <u>Surg.</u> 2017 Mar;78 (3 Suppl 2):S117-S123. doi: 10.1097/SAP.00000000001016.
- Lu TC, Yao CF, Lin S, Chang CS, Chen PK: Primary Septal Cartilage Graft for the Unilateral Cleft Rhinoplasty. Plast Reconstr Surg 2017 May; 139(5):1177-1186.
- Lin S, Hsiao YC, Chang CS, Chen YC et al.: Osseous Genioplasty with the use of a "Foundation Screw". Glob Surg, 2017. doi: 10.15761/GOS.1000151
- Lin S, Mort J, Hinchey P, Lewis J, Zwerner J: Clinical Pathologic Conference: Diffuse Papillomatous Lesions of The Gingiva with Posterolateral Neck Skin Tags Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology 2018, 125:209-214.
- Chang, CS, Lin S, Chen JP et al: Masseter Muscle Volume Changes Evaluated by Three-Dimensional Computed Tomography Following Repeated Botulinum Toxin-A Injections in Patients with Square Facial Morphology - Ann Plast Surg. 2019 Jan;82(1S Suppl 1):S29-S32. doi: 10.1097/SAP.00000000001705
- Pandit VS, Chang CS, Ho CT, Hsu SP, Lin S, Liao HT: Simultaneous Surgical Correction of Skeletal Class III Dentofacial Deformity During Acute Management of Facial Fractures: Patient Selection and Surgical Technique, Ann Plast Surg. 2019 Dec;83(6):e20-e27. DOI:10.1097/SAP.000000000002037
- Lin S, McKenna, SJ, Ye F et al: What are the Effects of Age and Presence of Third Molars on the Occurrence of Unfavorable Splits During Sagittal Split Osteotomy? J Oral Maxillofac Surg 79:226.e1-226.e8, 2021
- Nonprovisional patent, intraoral Vertical Ramus Osteotomy Surgical Guide. Principal investigator Susie Lin, DDS, MD, co-investigator Kevin Galloway, PhD. Application file date: 1-22-2022. EFS ID 41713757. Application number: 63140274.

- Yu-Jia Liou, Pin-Ru Chen, Tzong-Yueh Tsai, Susie Lin, Chiu-Mei Lo, Yu-Ray Chen: Comparative assessment of orthodontic and aesthetic outcomes after orthognathic surgery with clear aligner or fixed appliance therapy. *Plastic and Reconstructive Surgery* ():10.1097/PRS.00000000010786, May 31, 2023. | DOI: 10.1097/PRS.000000000010786
- Lin S, McKenna, SJ: What are the effects of internal fixation on the trigeminal neurosensory function and the temporomandibular joints following Intraoral Vertical Ramus Osteotomy? J Oral Maxillofac Surg 81: 708-715, 2023.

#### **Book chapters**

Chen, Philip Kuo-Ting and **Lin, Susie**. 2018. Avoiding and Managing Unfavorable Results and Complications in Hemifacial Microsomia. The Unfavorable Results in Plastic Surgery: Avoidance and Treatment, Fourth Edition, Editors: Mimis N. Cohen and Seth R. Thaller, page 753 – 755. MediaCenter.thieme.com plus e-content online. Publisher: Thieme.

#### **Letters to Editor**

- Lu, Ting-Chen, M.D.; Yao, Chuang-Fong, M.D.; Lin, Susie, D.D.S., M.D.; Chen, Philip, Kuo-Ting, M.D. Reply: Primary Septal Cartilage Graft for the Unilateral Cleft Rhinoplasty Plastic and Reconstructive Surgery: <u>January</u> <u>2018 - Volume 141 - Issue 1 - p 190e–191e</u>
- Lu, Ting-Chen, M.D.; Lin, Susie, D.D.S., M.D.; Chen, Philip Kuo-Ting, M.D. Reply: Primary Septal Cartilage Graft for the Unilateral Cleft Rhinoplasty Plastic and Reconstructive Surgery: March 2018 – Volume 141 – Issue 6 – p 832e – 833e.
- Lu, Ting-Chen, M.D.; Lin, Susie, D.D.S., M.D.; Chen, Philip Kuo-Ting, M.D. Reply: Primary Septal Cartilage Graft for the Unilateral Cleft Rhinoplasty Plastic and Reconstructive Surgery: <u>June 2018 - Volume 141</u> <u>- Issue 6 - p 971e–973e</u>

#### Abstracts

 Varying Treatments for Osteomyelitis in Two Patients with Osteopetrosis Including the Use of Bone Morphogenetic Protein-2 S.N. Barnes, S.I. Lin and S.J. McKenna

Journal of Oral and Maxillofacial Surgery, 2017-10-01, Volume 75, Issue 10, Pages e394-e395, Copyright © 2017

 Increased Incidence of Clindamycin-Resistance in Head and Neck Infections within Oral and Maxillofacial Surgery

M. Border, D. Coke and S.I. Lin

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 Necrotizing Fasciitis of the Head and Neck of Odontogenic Origin: A Retrospective Review A. LaMothe, T. Czechura, S. Lin, L. Vega and S. Mckenna

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• Resident Commentary: Does the Use of Computer-Aided Surgery Affect the Margin Status in Resection of Ameloblastoma?

Rachel Strait DMD, MD, Tomasz Czechura DMD, MPH and **Susie I.** Lin DDS, MD Journal of Oral and Maxillofacial Surgery, 2021-07-01, Volume 79, Issue 7, Pages e3-e5, Copyright © 2021 The American Association of Oral and Maxillofacial Surgeons

# **Presentations:**

#### • October 2-4, 2015

2015 Chang Gung Forum – The 5<sup>th</sup> International Workshop on Surgery-First Orthognathic Surgery Topic of presentation: Hypotensive Anesthesia during Orthognathic Surgery

#### • January 28, 2017

Tennessee Society of Oral and Maxillofacial Surgery winter meeting Topic of presentation: Surgery-First Orthognathic Approach – A Paradigm Shift?

#### • August 2017

Tennessee Academy of General Dentistry Annual Meeting – Topic of presentation: Indications for third molar extractions and management of complications

# • September 25-27, 2017

2017 Chang Gung Forum - The Joint Symposium on the 6<sup>th</sup> International Workshop on Surgery-First Orthognathic Surgery and the 8<sup>th</sup> William H. Bell Lectureship. Taipei, Taiwan.

Topic: Removal of third molars at the time of mandibular sagittal split osteotomy – incidence and risk factors of bad splits in surgery-first orthognathic cases.

#### • November 6, 2017

Vanderbilt Continue Medical Education Sleep Conference Topic of presentation:

Oral Appliance Therapy for Adult and Pediatric Obstructive Sleep Apnea Patients

#### • April 20-22, 2018

Tennessee AGD Master Track continue education series – Topics of presentation:

- Principles of bone grafting
- Surgical techniques and bone grafting options
- Management of TMJ Disorder

- Modified mandibular condylotomy for treatment of TMJ arthralgia and internal derangement
- Etiology and management of osteonecrosis of the jaw
- Management of osteomyelitis

#### • June 15, 2018

Oral Health Summit at Baptist Health, Madisonville, KY Topic: Oral HPV infection

#### • January 11, 2020

2020 Mid-Winter Meeting, Tennessee Society of Oral and Maxillofacial Surgeons Topic: Reconstruction of Post Ablative Defect of Benign Mandibular Pathology

#### • October 1, 2021

AAOMS annual meeting – Orthognathic Track: Hot off the-press Session

Topic: What are the Effects of Age and Presence of Third Molars on the Occurrence of Unfavorable Splits During Sagittal Split Osteotomy?

#### • March 23, 2022

AAOMS Webinar presentation Title: A Fresh Look at Intraoral Vertical Ramus Osteotomy Presenters: Susie I. Lin, DDS, MD; Samuel J. McKenna, DDS, MD

# • November 1, 2022

The 13<sup>th</sup> Tong de International Academic Week, Hangzhou, Zhejiang, P.R. China Webinar presentation title: Reconstruction of post-ablative mandibular defects Presenter: Susie I. Lin, DDS, MD

#### • November 19, 2022

Cleft and Velopharyngeal Dysfunction Interactive Conference in Nashville, TN Title: Alveolar Cleft Bone Grafting – Autologous hip, Cadaveric and BMP Presenters: Dan Sampson, DDS, MD and Susie I. Lin, DDS, MD

# • January 21, 2023

2023 Mid-Winter Meeting Tennessee Society of Oral and Maxillofacial Surgeons Neurosensory Function and TM Joint Response after internal Fixation of Vertical Ramus Osteotomy

#### • January 30, 2023

ABOMS Scientific Seminar 2023 A Fresh Look at Intraoral Vertical Ramus Osteotomy – recent advances in surgical instrumentation and techniques

#### • May 13, 2023

Tennessee Dental Association – Music City Dental Conference, Renaissance Nashville Hotel, Nashville, TN

Title: Trigeminal Nerve Injuries and Management

Title: Intraoral Vertical Ramus Osteotomy – advances in instrumentation and surgical techniques

Title: Surgery-First Approach to Orthognathic Surgery

#### • September 21, 2023

AAOMS annual meeting – Orthognathic and TMJ Track: Hot-off-the-press and Abstract Session

Topic: What are the Effects of Internal Fixation on Trigeminal Neurosensory Function and the Temporomandibular Joints Following Intraoral Vertical Ramus Osteotomy?

#### • February 5, 2024

ABOMS Scientific Seminar 2024 Indications for the Surgery-First Orthognathic Approach

#### • March 19, 2024

Oral and Maxillofacial Surgery Grand Rounds UAB School of Dentistry-The University of Alabama at Birmingham Topic: The Surgery-First Orthognathic Approach – Indications and Contraindications