

# Stanford

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## Stephen Schendel

Professor of Surgery (Plastic and Reconstructive Surgery) at the Stanford University Medical Center, Emeritus

### Bio

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#### ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Surgery

#### ADMINISTRATIVE APPOINTMENTS

- Head Division of Plastic Surgery, Stanford university medical School, (1992-2002)
- Chairman, Department of Functional Restoration, Stanford University Medical School, (1994-2001)
- Chief Pediatric Surgery, LPCH, (1997-2005)
- Director Craniofacail Anomalies Center, LPCH, (1992-2007)
- Co-Director, Stanford-NASA National Biocomputation Center, Stanford University, (1997-2007)

#### HONORS AND AWARDS

- Fulbright Fellow, France, Fulbright Foundation (1980)
- Distinguished Alumnus, St Olaf College (1992)
- Chauteaubriand Fellowship, French Government (1987)

#### LINKS

- Dr. Schendel Plastic Surgery: <https://schendelmd.com/Dr-Stephen-Schendel>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Surgical correction and the study of growth and development of craniomaxillofacial anomalies and deformities.

1. Histochemical Analysis of Facial Muscles.
2. Cranial Sutural Manipulation.
3. Stability of Mandibular and Maxillary Surgery
4. Growth Factors in Infant Cranial Sutures.
5. Virtual Surgery
6. 3-D Biocomputation 4. Osteodistraction

## Publications

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### PUBLICATIONS

- **Autologous Adipose-Derived Tissue Matrix Part II: Implantation Biology** *AESTHETIC SURGERY JOURNAL*  
Schendel, S. A.  
2017; 37 (9): 1069–74
- **Autologous Adipose-Derived Tissue Matrix Part I: Biologic Characteristics** *AESTHETIC SURGERY JOURNAL*  
Schendel, S. A.  
2017; 37 (9): 1062–68
- **Foundations: a reflection on the life of William H. Bell IN MEMORIAM** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*  
Schendel, S. A.  
2016; 122 (4): 375
- **Reply: Enriched Autologous Facial Fat Grafts in Aesthetic Surgery: 3D Volumetric Results** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A.  
2016; 137 (3): 639E
- **Computer simulation in the daily practice of orthognathic surgery** *INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A.  
2015; 44 (12): 1451-1456
- **Enriched Autologous Facial Fat Grafts in Aesthetic Surgery: 3D Volumetric Results** *AESTHETIC SURGERY JOURNAL*  
Schendel, S. A.  
2015; 35 (8): 913-919
- **Authors' response.** *American journal of orthodontics and dentofacial orthopedics*  
Schendel, S. A., Jacobson, R. L.  
2015; 147 (2): 159-160
- **Three-dimensional upper-airway changes with maxillomandibular advancement for obstructive sleep apnea treatment** *AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS*  
Schendel, S. A., Broujerdi, J. A., Jacobson, R. L.  
2014; 146 (3): 385-393
- **Airway changes in obstructive sleep apnoea patients associated with a supine versus an upright position examined using cone beam computed tomography** *JOURNAL OF LARYNGOLOGY AND OTOLOGY*  
Camacho, M., Capasso, R., Schendel, S.  
2014; 128 (9): 824-830
- **Combined orthognathic distraction procedure: le fort I maxillary osteotomy and mandibular curvilinear distraction osteogenesis. A new technique for craniofacial management.** *Plastic and reconstructive surgery*  
Schendel, S. A., Hazan-Molina, H., Aizenbud, D.  
2014; 133 (4): 874-877
- **Surgical Treatment of Obstructive Sleep Apnea** *SLEEP MEDICINE CLINICS*  
Camacho, M., Jacobson, R. L., Schendel, S. A.  
2013; 8 (4): 495–503
- **3-Dimensional Facial Simulation in Orthognathic Surgery: Is It Accurate?** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A., Jacobson, R., Khalessi, S.  
2013; 71 (8): 1406-1414
- **Using bioabsorbable fixation systems in the treatment of pediatric skull deformities leads to good outcomes and low morbidity** *CHILDS NERVOUS SYSTEM*  
Gephart, M. G., Woodard, J. I., Arrigo, R. T., Lorenz, H. P., Schendel, S. A., Edwards, M. S., Guzman, R.  
2013; 29 (2): 297-301

- **Preface.** *Oral and maxillofacial surgery clinics of North America*  
Schendel, S. A.  
2012; 24 (4): ix-?
- **Treating obstructive sleep apnea: The case for surgery** *AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS*  
Jacobson, R. L., Schendel, S. A.  
2012; 142 (4): 435–42
- **Airway Growth and Development: A Computerized 3-Dimensional Analysis** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A., Jacobson, R., Khalessi, S.  
2012; 70 (9): 2174-2183
- **The future in craniofacial surgery: computer-assisted planning.** *Rambam Maimonides medical journal*  
Schendel, S. A., Hazan-Molina, H., Rachmiel, A., Aizenbud, D.  
2012; 3 (2)
- **The Future in Craniofacial Surgery: Computer-Assisted Planning** *RAMBAM MAIMONIDES MEDICAL JOURNAL*  
Schendel, S. A., Hazan-Molina, H., Rachmiel, D. D., Aizenbud, D. D.  
2012; 3 (2)
- **Treatment of Maxillomandibular Deformities With Internal Curvilinear Distraction** *ANNALS OF PLASTIC SURGERY*  
Schendel, S. A.  
2011; 67 (6): S1-S9
- **Image fusion in preoperative planning.** *Facial plastic surgery clinics of North America*  
Schendel, S. A., Duncan, K. S., Lane, C.  
2011; 19 (4): 577-?
- **Maxillary, Mandibular, and Chin Advancement: Treatment Planning Based on, Airway Anatomy in Obstructive Sleep Apnea** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S., Powell, N., Jacobson, R.  
2011; 69 (3): 663-676
- **Fronto-orbital Advancement Using an En Bloc Frontal Bone Craniectomy** *NEUROSURGERY*  
Guzman, R., Looby, J. F., Schendel, S. A., Edwards, M. S.  
2011; 68 (3): 68-74
- **Fronto-orbital advancement using an en bloc frontal bone craniectomy.** *Neurosurgery*  
Guzman, R., Looby, J. F., Schendel, S. A., Edwards, M. S.  
2011; 68 (1): 68-74
- **Fronto-orbital Advancement Using an En Bloc Frontal Bone Craniectomy** *NEUROSURGERY*  
Guzman, R., Looby, J. F., Schendel, S. A., Edwards, M. S.  
2011; 68
- **Reliability of panoramic radiographs for the assessment of mandibular elongation after distraction osteogenesis procedures** *ORTHODONTICS & CRANIOFACIAL RESEARCH*  
Hazan-Molina, H., Molina-Hazan, V., Schendel, S. A., Aizenbud, D.  
2011; 14 (1): 25-32
- **Midfacial trauma and facial growth: A longitudinal case study of monozygotic twins** *AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS*  
Aizenbud, D., Morrill, L. R., Schendel, S. A.  
2010; 138 (5): 641-648
- **Curvilinear Mandibular Distraction Results and Long-Term Stability Effects in a Group of 40 Patients** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Aizenbud, D., Hazan-Molina, H., Thimmappa, B., Hopkins, E. M., Schendel, S. A.  
2010; 125 (6): 1771-1780
- **Sagittal Split Genioplasty: A New Technique** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*

- Schendel, S. A.  
2010; 68 (4): 931-934
- **Automated 3-Dimensional Airway Analysis From Cone-Beam Computed Tomography Data** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A., Hatcher, D.  
2010; 68 (3): 696-701
  - **Mandibular Internal Curvilinear Distraction - Long Term Follow-Up** *20th Congress of the European-Association-for-Cranio-Maxillo-Facial-Surgery (EACMFS)*  
Aizenbud, D., Hazan-Molina, H., Thimmappa, B., HOPKINS, E. M., Molina-Hazan, V., Schendel, S. A.  
MEDIMOND S R L.2010: 87–94
  - **CURVILINEAR DISTRACTION** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A.  
2009; 67 (12): 2696-2697
  - **Monozygotic Twin Sister as a Template for Facial Trauma Reconstruction** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Aizenbud, D., Morrill, L. R., Schendel, S. A.  
2009; 124 (6): 443E-445E
  - **Three-Dimensional Imaging and Computer Simulation For Office-Based Surgery** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A., Jacobson, R.  
2009; 67 (10): 2107-2114
  - **Airway Analysis: With Bilateral Distraction of the Infant Mandible** *JOURNAL OF CRANIOFACIAL SURGERY*  
Looby, J. F., Schendel, S. A., Lorenz, H. P., Hopkins, E. M., Aizenbud, D.  
2009; 20 (5): 1341-1346
  - **Magnesium-Based Bone Cement and Bone Void Filler: Preliminary Experimental Studies** *JOURNAL OF CRANIOFACIAL SURGERY*  
Schendel, S. A., Peauroi, J.  
2009; 20 (2): 461-464
  - **A Web-Based, Integrated Simulation System for Craniofacial Surgical Planning** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A., Montgomery, K.  
2009; 123 (3): 1099-1106
  - **Quantification appraisal of mandibular internal curvilinear distraction** *13th International Congress of the International-Society-of-Craniofacial-Surgery / Paris Distraction Symposium*  
Aizenbud, D., Hazan-Molina, H., Thimmappa, B., HOPKINS, E. M., Molina-Hazan, V., Schendel, S. A.  
MEDIMOND S R L.2009: 21–28
  - **Internal maxillary distraction with a new bimolar device** *62nd Annual Meeting of the American-Cleft-Palate-Craniofacial-Association*  
Kahn, D. M., Broujerdi, J., Schendel, S. A.  
W B SAUNDERS CO-ELSEVIER INC.2008: 675–83
  - **Computer simulation of curvilinear mandibular distraction: Accuracy and predictability** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Scolozzi, P., Link, D. W., Schendel, S. A.  
2007; 120 (7): 1975-1980
  - **Preoperative osseous dysmorphology in unilateral complete cleft lip and palate** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A.  
2007; 120 (7): 2114–15
  - **Infant mandibular distraction with an internal curvilinear device** *JOURNAL OF CRANIOFACIAL SURGERY*  
Miller, J. J., Kahn, D., Lorenz, H. P., Schendel, S. A.  
2007; 18 (6): 1403-1407
  - **Idiopathic condylar resorption and micrognathia: The case for distraction osteogenesis** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Schendel, S. A., Tulasne, J., Linck, D. W.  
2007; 65 (8): 1610-1616

- **Surgical orthognathic management of sleep apnea** *JOURNAL OF CRANIOFACIAL SURGERY*  
Schendel, S. A., Powell, N. B.  
2007; 18 (4): 902-911
- **Flash Pulmonary Edema: An Unusual Presentation during Orthognathic Surgery** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Broujerdi, J. A., Keifa, E., Nekhendzy, V., Schendel, S. A.  
2007; 119 (6): 133E-137E
- **Invited discussion: Surgical treatment of Treacher Collins syndrome** *ANNALS OF PLASTIC SURGERY*  
Miller, J. J., Schendel, S. A.  
2006; 56 (5): 555-556
- **Multi-level internal midface distraction**  
Schendel, S., Diner, P. A., Arnaud, E., Vazquez, M. P.  
MEDIMOND S R L.2006: 157–60
- **Increasing accuracy and predictability in distraction osteogenesis**  
Schendel, S., Diner, P. A., Arnaud, E., Vazquez, M. P.  
MEDIMOND S R L.2006: 69–74
- **A surgical simulator for planning and performing repair of cleft lips** *JOURNAL OF CRANIO-MAXILLOFACIAL SURGERY*  
Schendel, S., Montgomery, K., Sorokin, A., Lionetti, G.  
2005; 33 (4): 223-228
- **User interface paradigms for patient-specific surgical planning: lessons learned over a decade of research** *COMPUTERIZED MEDICAL IMAGING AND GRAPHICS*  
Montgomery, K., Stephanides, M., Schendel, S., Ross, M.  
2005; 29 (2-3): 203-222
- **Maxillary distraction with a new intra-oral face bow device** *11th International Congress of the International-Society-of-Craniofacial-Surgery*  
Abdollahzadeh, A. J., Kahn, D., Schendel, S. A.  
MEDIMOND S R L.2005: 319–324
- **Multi-level internal midface distraction**  
Schendel, S. A., Abdollahzadeh, A., David, D. J.  
MEDIMOND S R L.2005: 139–41
- **Magnetic resonance imaging and surgical repair of cleft palate in a four-week-old canine (*Canis familiaris*): An animal model for cleft palate repair** *CONTEMPORARY TOPICS IN LABORATORY ANIMAL SCIENCE*  
Tolwani, R. J., Hagan, C. E., Runstadler, J. A., Lyons, H., Green, V. L., Bouley, D. M., Rodriguez, L. F., Schendel, S. A., Moseley, M. E., Daunt, D. A., Otto, G., CORK, L. C.  
2004; 43 (6): 17-21
- **Mandibular distraction osteogenesis by sagittal split osteotomy and intraoral curvilinear distraction** *JOURNAL OF CRANIOFACIAL SURGERY*  
Schendel, S. A., Linck, D. W.  
2004; 15 (4): 631-635
- **A surgical simulator for cleft lip planning and repair** *11th Annual Medicine Meets Virtual Reality Conference*  
Montgomery, K., Sorokin, A., Lionetti, G., Schendel, S.  
IOS PRESS.2003: 204–209
- **Oculo-facio-cardio-dental syndrome: Two new cases** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Barthelemy, Samuels, L., Kahn, D. M., Schendel, S. A.  
2001; 59 (8): 921–25
- **Virtual reality based surgical assistance and training system for long duration space missions** *Conference on Medicine Meets Virtual Reality 2001*  
Montgomery, K., Thonier, G., Stephanides, M., Schendel, S.  
IOS PRESS.2001: 315–321
- **Biomechanics of mandibular distraction osteogenesis** *3rd International Congress of Craniofacial and Maxillofacial Distraction*

Safa, B., Kahn, D., Lorenz, H. P., Heegaard, J. H., Kosek, J., Schendel, S. A.  
MEDIMOND S R L.2001: 27–32

- **A preliminary report on the use of semi-buried curvilinear distractor in the human mandible** *3rd International Congress of Craniofacial and Maxillofacial Distraction*

Schendel, S., Kahn, D., Linck, D., Hopkins, E.  
MEDIMOND S R L.2001: 255–258

- **A novel semi-buried curvilinear osteodistractor for the mandible** *3rd International Congress of Craniofacial and Maxillofacial Distraction*

Schendel, S. A., Safa, B., Kahn, D.  
MEDIMOND S R L.2001: 287–289

- **Unilateral cleft lip repair - State of the art** *CLEFT PALATE-CRANIOFACIAL JOURNAL*

Schendel, S. A.  
2000; 37 (4): 335-341

- **Development and application of a virtual environment for reconstructive surgery.** *Computer aided surgery*

Montgomery, K., Stephanides, M., Schendel, S.  
2000; 5 (2): 90-97

- **A single surgeon's experience with the Delaire palatoplasty** *48th Annual Meeting of the California-Society-of-Plastic-Surgeons*

Schendel, S. A., Lorenz, H. P., Dagenais, D., Hopkins, E., Chang, J.  
LIPPINCOTT WILLIAMS & WILKINS.1999: 1993–97

- **Basic fibroblast growth factor and transforming growth factor beta-1 expression in the developing dura mater correlates with calvarial bone formation** *PLASTIC AND RECONSTRUCTIVE SURGERY*

Mehrara, B. J., Most, D., Chang, J., Bresnick, S., Turk, A., Schendel, S. A., Gittes, G. K., Longaker, M. T.  
1999; 104 (2): 435-444

- **Healing of microvascular flaps in irradiated tissue beds**

Safa, B., Girod, S., Lorenz, H. P., Steininger, H., Schendel, S.  
SLACK INC.1999: 92A

- **A virtual environment for training in microsurgery** *Conference on Stereoscopic Displays and Virtual Reality Systems VI*

Montgomery, K., Stephanides, M., Brown, J., Latombe, J. C., Schendel, S.  
SPIE-INT SOC OPTICAL ENGINEERING.1999: 398–403

- **Surgical intervention: A role in growth modification**

Schendel, S. A., McNamara, J. A.  
UNIV MICHIGAN.1999: 213–27

- **Stability of Le Fort I osteotomy with advancement: A comparison of single maxillary surgery and a two-jaw procedure - Discussion** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*

Schendel, S. A.  
1998; 56 (9): 1033–34

- **Studies in cranial suture biology: Up-regulation of transforming growth factor-beta 1 and basic fibroblast growth factor mRNA correlates with posterior frontal cranial suture fusion in the rat** *PLASTIC AND RECONSTRUCTIVE SURGERY*

Most, D., Levine, J. P., Chang, J., Sung, J., McCarthy, J. G., Schendel, S. A., Longaker, M. T.  
1998; 101 (6): 1431-1440

- **Apert's syndrome correlates with low fibroblast growth factor receptor activity in stenosed cranial sutures** *JOURNAL OF CRANIOFACIAL SURGERY*

Bresnick, S., Schendel, S.  
1998; 9 (1): 92-95

- **A case study using the virtual environment for reconstructive surgery** *9th Annual IEEE Conference on Visualization (VIS 98)*

Montgomery, K., Stephanides, M., Schendel, S., Ross, M.  
ASSOC COMPUTING MACHINERY.1998: 431-?

- **Adverse outcomes in orthognathic surgery and management of residual problems** *CLINICS IN PLASTIC SURGERY*

Schendel, S. A., Mason, M. E.

1997; 24 (3): 489-?

● **Preliminary report: A ceramic containing crosslinked collagen as a new cranial onlay and inlay material** *ANNALS OF PLASTIC SURGERY*

Schendel, S., Bresnick, S., CHOLON, A.

1997; 38 (2): 158-162

● **The effect of bovine bone morphogenetic protein (bBMP) on the resorption of autogenous onlay bone grafts in the craniofacial skeleton** *7th International Congress of the International-Society-for-Craniofacial-Surgery*

Menard, R., Turk, A., Schendel, S.

MONDUZZI EDITORE.1997: 17-18

● **A mathematical model for mandibular distraction osteogenesis** *JOURNAL OF CRANIOFACIAL SURGERY*

Schendel, S. A., Heegaard, J. H.

1996; 7 (6): 465-468

● **Treatment of periorbital edema with human corticotropin-releasing factor after blepharoplasty** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*

Schendel, S. A., Stephanides, M.

1996; 182 (3): 226-232

● **Cranial base in newborns with complete cleft lip and palate: Radiographic study** *CLEFT PALATE-CRANIOFACIAL JOURNAL*

Schendel, S. A.

1996; 33 (1): 84

● **CORRECTION OF SCAPHOCEPHALY SECONDARY TO VENTRICULAR SHUNTING PROCEDURES** *PLASTIC AND RECONSTRUCTIVE SURGERY*

SHUSTER, B. A., Norbush, A. M., Schendel, S. A.

1995; 96 (5): 1012-1019

● **EXPANDING CRANIAL DEFECTS FOLLOWING CRANIOFACIAL SURGERY** *PLASTIC AND RECONSTRUCTIVE SURGERY*

UMANSKY, W., Schendel, S. A.

1995; 96 (4): 969-971

● **NASAL SYMMETRY AFTER PRIMARY CLEFT-LIP REPAIR - COMPARISON BETWEEN DELAIRE CHEILORHINOPLASTY AND MODIFIED ROTATION-ADVANCEMENT - DISCUSSION** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*

SCHENDEL, S. A.

1995; 53 (9): 1031-32

● **TREATMENT OF THE CRANIOFACIAL COMPLICATIONS OF BECKWITH-WIEDEMANN SYNDROME** *PLASTIC AND RECONSTRUCTIVE SURGERY*

Menard, R. M., Delaire, J., Schendel, S. A.

1995; 96 (1): 27-33

● **CROUZON'S-DISEASE CORRELATES WITH LOW FIBROBLASTIC GROWTH-FACTOR RECEPTOR ACTIVITY IN STENOSED CRANIAL SUTURES** *JOURNAL OF CRANIOFACIAL SURGERY*

Bresnick, S., Schendel, S.

1995; 6 (3): 245-248

● **SCARLESS WOUND-HEALING - IMPLICATIONS FOR THE AESTHETIC SURGEON** *AESTHETIC PLASTIC SURGERY*

Chang, J., Siebert, J. W., Schendel, S. A., PRESS, B. H., Longaker, M. T.

1995; 19 (3): 237-241

● **Scanning electron microscopic analysis of craniosynostotic sutures** *6th International Congress of the International-Society-of-Cranio-Facial-Surgery*

Menard, R. M., Schendel, S. A.

MONDUZZI EDITORE.1995: 367-368

● **Low levels of fibroblast growth factor receptor 2 activity correlates with Crouzon's disease** *6th International Congress of the International-Society-of-Cranio-Facial-Surgery*

Bresnick, S., Schendel, S.

MONDUZZI EDITORE.1995: 343-346

● **HISTOCHEMICAL ANALYSIS OF CLEFT-PALATE MUSCLE** *PLASTIC AND RECONSTRUCTIVE SURGERY*

- Schendel, S. A., CHOLON, A., Delaire, J.  
1994; 94 (7): 919-923
- **MULTIPLE-SUTURE SYNOSTOSIS SUBSEQUENT TO VENTRICULAR SHUNTING** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A., Shuer, L. M.  
1994; 93 (5): 1073-1077
  - **THE ASSOCIATION OF CLEFT-LIP AND PALATE WITH AICARDI SYNDROME** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
UMANSKY, W. S., Neidich, J. A., Schendel, S. A.  
1994; 93 (3): 595-597
  - **AN ANALYSIS OF LE-FORT-I MAXILLARY ADVANCEMENT IN CLEFT-LIP AND PALATE PATIENTS** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
ESKENAZI, L. B., Schendel, S. A.  
1992; 90 (5): 779-787
  - **NASAL CONSIDERATIONS IN ORTHOGNATHIC SURGERY** *AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS*  
Schendel, S. A., Carlotti, A. E.  
1991; 100 (3): 197-208
  - **PATHOPHYSIOLOGY OF CLEFT-LIP MUSCLES FOLLOWING THE INITIAL SURGICAL REPAIR** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A., Pearl, R. M., DeArmond, S. J.  
1991; 88 (2): 197-200
  - **SPORTS-RELATED NASAL INJURIES** *PHYSICIAN AND SPORTSMEDICINE*  
SCHENDEL, S. A.  
1990; 18 (10): 59-&
  - **THE ILIAC CREST CARTILAGINOUS CAP** *ANNALS OF PLASTIC SURGERY*  
Schendel, S. A., Pearl, R. M.  
1990; 25 (1): 29-31
  - **Sports related Nasal Injuries** *Sports Med*  
Schendel, S.  
1990; 18 (10): 59-74
  - **Disk reconstruction with temporalis fascia: a case report.** *Cranio : the journal of craniomandibular practice*  
Carlotti, A. E., Schendel, S. A., George, R.  
1989; 7 (4): 346-50
  - **TRANSORAL PLACEMENT OF RIGID FIXATION FOLLOWING SAGITTAL RAMUS SPLIT OSTEOTOMY** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Tulasne, J. F., Schendel, S. A.  
1989; 47 (6): 651-652
  - **PATHO-PHYSIOLOGY OF CLEFT-LIP MUSCLE** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Schendel, S. A., Pearl, R. M., DeArmond, S. J.  
1989; 83 (5): 777-784
  - **SUBMENTAL-SUBMANDIBULAR SUCTION LIPECTOMY - INDICATIONS AND SURGICAL TECHNIQUE** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTICS*  
ORYAN, F., SCHENDEL, S., POOR, D.  
1989; 67 (2): 117-25
  - **VANBUCHEM DISEASE - SURGICAL-TREATMENT OF THE MANDIBLE** *ANNALS OF PLASTIC SURGERY*  
Schendel, S. A.  
1988; 20 (5): 462-467
  - **AN ANALYSIS OF FACTORS INFLUENCING STABILITY OF SURGICAL ADVANCEMENT OF THE MAXILLA BY THE LEFORT-1 OSTEOTOMY** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Carlotti, A. E., Schendel, S. A.

1987; 45 (11): 924-928

- **COMPUTED AXIAL TOMOGRAPHIC ASSESSMENT OF CRANIOORBITAL ANATOMY IN UNILATERAL CLEFTS** *ANNALS OF PLASTIC SURGERY*

Schendel, S. A., Delaire, J.

1986; 17 (2): 120-124

- **HAWAIIAN HEAD MOLDING** *PLASTIC AND RECONSTRUCTIVE SURGERY*

SCHENDEL, S. A.

1986; 78 (2): 267

- **FACIAL CHANGES ASSOCIATED WITH SURGICAL ADVANCEMENT OF THE LIP AND MAXILLA** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*

Carlotti, A. E., ASCHAFFENBURG, P. H., Schendel, S. A.

1986; 44 (8): 593-596

- **VARIATIONS OF TOTAL VERTICAL MAXILLARY EXCESS** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*

Schendel, S. A., Carlotti, A. E.

1985; 43 (8): 590-596

- **GENIOPLASTY - A PHYSIOLOGICAL APPROACH** *ANNALS OF PLASTIC SURGERY*

SCHENDEL, S. A.

1985; 14 (6): 506-14

- **7TH CONGRESS OF THE EUROPEAN-ASSOCIATION-FOR-MAXILLOFACIAL-SURGERY** *ANNALS OF PLASTIC SURGERY*

SCHENDEL, S. A.

1985; 14 (6): 558-60

- **FAMILIAL OSTEODYSPASIA** *HEAD & NECK SURGERY*

Schendel, S. A., Delaire, J.

1982; 4 (4): 335-343

- **AN ARCHITECTURAL AND STRUCTURAL CRANIOFACIAL ANALYSIS - A NEW LATERAL CEPHALOMETRIC ANALYSIS** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTICS*

Delaire, J., Schendel, S. A., Tulasne, J. F.

1981; 52 (3): 226-238

- **FUNCTIONAL MUSCULOSKELETAL CORRECTION OF SECONDARY UNILATERAL CLEFT-LIP DEFORMITIES - COMBINED LIP-NOSE CORRECTION AND LE FORT I OSTEOTOMY** *JOURNAL OF MAXILLOFACIAL SURGERY*

Schendel, S. A., Delaire, J.

1981; 9 (2): 108-116