

Volume 27, Number 5, September 2013

CONTENTS

- 527 **Collision and Phonation Threshold Pressures Before and After Loud, Prolonged Vocalization in Trained and Untrained Voices**  
Laura Enflo, Johan Sundberg and Anita McAllister
- 531 **Influence of Vortical Flow Structures on the Glottal Jet Location in the Supraglottal Region**  
Stefan Kniesburgs, Christina Hesselmann, Stefan Becker, Eberhard Schlücker and Michael Döllinger
- 545 **Normative Voice Data for Younger and Older Adults**  
Huiwen Goy, David N. Fernandes, M. Kathleen Pichora-Fuller and Pascal van Lieshout
- 556 **Speaking Fundamental Frequency and Vowel Formant Frequencies: Effects on Perception of Gender**  
Marylou Pausewang Gelfer and Quinn E. Bennett
- 567 **Formant Frequency in Relation to Body Mass Composition**  
Abdul-Latif H. Hamdan, Randa Al Barazi, Gebran Khneizer, Zaahir Turfe, Solara Sinno, Jihad Ashkar and Dollen Tabri
- 572 **Voice Function Differences Following Resting Breathing Versus Submaximal Exercise**  
Mary J. Sandage, Nadine P. Connor and David D. Pascoe
- 579 **Functional Hoarseness in Children: Short-Term Play Therapy With Family Dynamic Counseling as Therapy of Choice**  
Jürg Kollbrunner and Eberhard Seifert

(continued on next page)

---

**Cover image:** *Histological photography demonstrating wavy spindle cells within a stroma of collagen fibers. See Jiaying Liu, et al, p. 644.*

---

---

Listed in *Index Medicus/MEDLINE, Current Contents/Clinical Medicine, Scisearch, Research Alert, EMBASE/Excerpta Medica, BIOSIS, Sociological Abstracts, PsychInfo, Institute For Scientific Information, and Cinahl Information Systems*

---

*Journal of Voice* (ISSN 0892-1997) is published bi-monthly by Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710. Months of issue are January, March, May, July, September, and November. Periodicals postage paid at New York, NY and additional mailing offices.

**YEARLY SUBSCRIPTION RATES:** United States and possessions: Individual \$222; Institution \$916; Student/Resident: \$113. All other countries (prices include airspeed delivery): Individual \$277; Institution \$1012; Student/Resident \$154.

**POSTMASTER:** Send address changes to *Journal of Voice*, Elsevier Health Sciences Division, Subscription Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043.

CONTENTS

- 589 **Voice Performance Evaluation of Street Children From Aracaju, Brazil Using Perceptual-Auditory and Acoustic Analyses**  
Neuza Josina Sales, Ricardo Queiroz Gurgel, Maria Inês Rebelo Gonçalves, Ana Cristina Côrtes Gama, Edilson Oliveira Cunha, Valeria Maria Prado-Barreto, João Carlos Todt-Neto and Jeferson Sampaio d'Avila
- 595 **Voice Handicap Index Associated With Common Mental Disorders in Elementary School Teachers**  
Luise Marques da Rocha and Luciano Dias de Mattos Souza
- 603 **Evaluation of the Effectiveness of a Voice Training Program for Teachers**  
Raquel Aparecida Pizolato, Maria Inês Beltrati Cornacchioni Rehder, Carlos Tadeu dos Santos Dias, Marcelo de Castro Meneghim, Gláucia Maria Bovi Ambrosano, Fábio Luiz Mialhe and Antonio Carlos Pereira
- 611 **Student Training to Perceptually Assess Severity of Dysphonia Using the Dysphonic Severity Percentage Scale**  
Natalie Schaeffer
- 617 **Relationship Between Adherence to Speech Therapy in Patients With Dysphonia and Quality of Life**  
Letícia Duarte de Almeida, Lívia Rodrigues Santos, Iara Barreto Bassi, Letícia Caldas Teixeira and Ana Cristina Côrtes Gama
- 622 **Voice and Speech Changes in Various Phases of Menstrual Cycle**  
Öner Çelik, Aygen Çelik, Altay Ateşpare, Zerrin Boyacı, Şaban Çelebi, Tonguç Gündüz, Fehime Benli Aksungar and Kürşat Yelken
- 627 **The Diagnostic Role of High-Speed Vocal Fold Vibratory Imaging**  
Abie H. Mendelsohn, Marc Remacle, Mark S. Courey, Friedrich Gerhard and Gregory N. Postma
- 632 **Clinical Characteristics of Vocal Polyps With Underlying Sulcus Vocalis**  
Hyung Kwon Byeon, Ji-Hoon Kim, Jin Ho Kwon, Kwang-Hee Jo, Hyun Jun Hong and Hong-Shik Choi
- 636 **Pharyngolaryngeal Involvement by Varicella-Zoster Virus**  
Lluís Nisa, Basile Nicolas Landis, Roland Giger and Igor Leuchter
- 642 **Pantothenate Kinase-Associated Neurodegeneration Causing Paradoxical Vocal Fold Motion**  
Sassan Rafizadeh and Jennifer L. Long
- 644 **Glottic Neurofibroma in an Elderly Patient: A Case Report**  
Jiaying Liu, Chin Fong Wong, Francoise Lim and Jeeve Kanagalingam
- 647 **Laryngeal Sarcoidosis: A Case Report Presenting Transglottic Involvement**  
Emke M.J.M. van den Broek, Bas J. Heijnen, Berit M. Verbist and Elisabeth V. Sjögren
- 650 **Type 3 Thyroplasty for Patients With Mutational Dysphonia**  
Kazuhiro Nakamura, Kiyooki Tsukahara, Yusuke Watanabe, Daigo Komazawa and Mamoru Suzuki
-  e655 **Acoustic Characteristics of Male Commercial and Public Radio Broadcast Voices**  
Samantha Warhurst, Patricia McCabe, Edwin Yiu, Robert Heard and Catherine Madill
-  e655 **Acoustic and Phonatory Characterization of the Fado Voice**  
Ana P. Mendes, Aira F. Rodrigues and David Michael Guerreiro

CONTENTS



e655

**Acoustic Analysis of Voice: Iranian Teachers**

Ali Dehqan and Ronald C. Scherer



e656

**Acoustic Characteristics of Modern Greek Orthodox Church Music**

Dimitrios S. Delviniotis



e656

**Pitch and Pitch Variation in Lesbian Women**

John Van Borsel, Jana Vandaele and Paul Corthals



e656

**Vocal Function and Vocal Discomfort in Sheltered and Non-Sheltered 7- to 10-Year-Old School Children in Aracaju, Brazil**

Neuza Josina Sales, Ricardo Queiroz Gurgel, Maria Inês Rebelo Gonçalves,  
Edilson Oliveira Cunha, Valéria Maria Prado-Barreto, João Carlos Todt-Neto,  
Daniel Francisco Neyra Castaneda and Jeferson Sampaio d'Avila