

Speech Restoration Via Voice Prostheses

Edited by L.E. Hermanns



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Jésus Algaba



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These proceedings will be a *Tracheoesophageal Voice Restoration Following Total Laryngectomy* Eric D. Blom, Mark Irwin Singer, Ron Hamaker, 1998 Explores clinical issues of the 20 year old tracheoesophageal puncture technique which allows for esophageal speech with pulmonic air After a brief overview of the history of the technique topics discussed include preoperative assessment methods patient selection considerations surgical techniques of primary and secondary puncture surgical approaches to laryngopharyngectomy surgical complications postoperative therapeutic issues the preservation of tracheoesophageal prostheses and the use of botulinum neurotoxin to nonsurgically optimize the pharynx muscles for alaryngeal phonation Annotation copyrighted by Book News Inc Portland OR

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VOICE RESTORATION AFTER TOTAL LARYNGECTOMY: CURRENT SCIENCE AND FUTURE PERSPECTIVES Rehan Kazi, 2009-04 Post laryngectomy rehabilitation has generated tremendous interest in recent times owing to the development of innovative prosthetic devices and other appliances aimed at making life more comfortable for the laryngectomee This book addresses not only the very essential function of voice rehabilitation but also other equally important aspects such as pulmonary olfactory and psychosocial rehabilitation as well as quality of life issues after laryngectomy With more and more ENT head and neck surgeons performing laryngectomies on a regular basis this book aims to provide both the trainees and practicing surgeons a comprehensive and practical guide to the total rehabilitation of these patients Journal of Rehabilitation Research and Development , 1988

Computational Paralinguistics Björn Schuller, Anton Batliner, 2013-09-17 This book presents the methods tools and techniques that are currently being used to recognise automatically the affect emotion personality and everything else beyond linguistics paralinguistics expressed by or embedded in human speech and language It is the first book to provide such a systematic survey of paralinguistics in speech and language processing The technology described has evolved mainly from automatic speech and speaker recognition and processing but also takes into account recent developments within speech signal processing machine intelligence and data mining Moreover the book offers a hands on

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