

# The Impact of Childhood Acute Otitis Media on Parental Quality of Life in a Prospective Observational Cohort Study

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## Abstract

**Background and Objectives** Acute otitis media (AOM) not only affects childhood quality of life (QoL), but can also affect parental QoL. We adapted a previously published questionnaire on the effect of childhood recurrent ear, nose and throat infections on parental QoL for use with AOM and used it in an observational, multicentre, prospective study of children with AOM.

**Methods** The AOM-specific parental QoL questionnaire grouped 15 items into emotional, daily disturbance, total and overall parental QoL impact scores. The questionnaire was assessed using item-convergent and item-discriminant validity criteria and internal consistency reliability; and

then used with parents of children aged <6 years diagnosed with AOM at 73 practices in Germany, Italy, Spain, Sweden and the UK. Bivariate analyses explored the differences in mean parental QoL impact scores by various characteristics.

**Results** The questionnaire demonstrated good to excellent internal consistency reliability for the various components (Cronbach's  $\alpha$  0.82–0.97). There were 1419 AOM episodes among 5882 healthy children over 1 year, of which 1063 episodes (74.9 %) among 852 children had a questionnaire. Parents reported interrupted sleep (68.4 %), worry (51.0 %), altered daily schedule (44.6 %) and less leisure time (41.5 %) with a score  $\geq 3$  (1 = least to 5 = most impact). Factors that adversely affected parental QoL included: increased parental perception of AOM severity, younger child age and multiple AOM episodes.

**Conclusions** The AOM-specific parental QoL questionnaire demonstrated good performance across five European countries. Parental QoL was affected by childhood AOM

Katsiaryna Holl and Mats Rosenlund contributed equally to this work and are both first authors.

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# Agglutination In Childhood A Prospective Study Of Otitis Media

**Bluestone**



## **Agglue Ear In Childhood A Prospective Study Of Otitis Media:**

Glue Ear in Childhood Richard Maw, 1995-06-08 Glue ear or otitis media with effusion is the commonest reason for elective surgery in childhood Based on data compiled from a large number of prospective and longitudinal studies this volume evaluates the course and some of the causes of the condition and demonstrates morphological differences in the nasopharynx of affected children Included in this analysis is a report on the effects of surgical management with adenoidectomy adeno tonsillectomy and grommets Complications that arise from the disease and its treatment are reported along with factors of prognostic significance for outcome Evaluation of these factors has enabled the author to make suggestions of factors to help define where surgery would be beneficial **Otitis Media with Effusion in Young Children** Otitis Media Guideline Panel, 1994 *Managing Otitis Media with Effusion in Young Children*, 1994 **Otitis Media with Effusion in Children** David Chalmers, Ian Stewart, 1989 Otitis media with effusion OME is one of the most common diseases of childhood yet its long term effects are only just beginning to be appreciated Following a comprehensive review of the literature David Chalmers and his co authors detail a longitudinal multidisciplinary study of over 1000 New Zealand children enrolled at three years and followed to age eleven The changing prevalence of OME in the sample is described evidence on a wide range of risk factors is examined the problems of chronic perforation of the tympanic membrane cholesteatoma and otological complications of surgical therapy are evaluated and the developmental consequences of OME are traced over time Early onset of bilateral OME is shown to have long lasting consequences for language development speech articulation reading ability and classroom behavior The authors conclude from these results that there is an urgent need for the detection and management of early onset OME Advanced Therapy of Otitis Media Cuneyt M. Alper, 2004 Advanced Therapy of Otitis Media provides answers to clinical care questions from the most common problems to rare complications and sequelae of otitis media The book targets clinicians who take care of patients with a variety of otolaryngological presentations every day Each chapter in the book focuses on an approach to a specific clinical topic diagnostic technique therapeutic method complication related question or controversy The chapters describe the subject incidence importance etiology pathogenesis and management options **Oxford Textbook of Otolaryngology** John S. Phillips, Steven M. Powell, Rajiv Bhalla, Vinidh Paleri, 2025-10-16 Otorhinolaryngology head and neck surgery ORL HNS is a surgical subspecialty that affects all age groups and covers a wide range of pathologies and treatments from the commonest of conditions seen in primary care to some of the rarest requiring tertiary investigation and state of the art treatments This makes it difficult for those training and working in ORL HNS and its allied specialities to learn about and keep up to date with all its component parts The Oxford Textbook of Otolaryngology provides a solution A comprehensive guide to all aspects of the speciality the textbook covers all the knowledge that clinicians from all subspecialties of otolaryngology requires to keep abreast of current practice with a strong emphasis on evidence based practice The textbook is divided into sections on Otology and Audiology Rhinology Head and

Neck Surgery and Paediatric Otolaryngology These sections are then further divided into two broad sub sections the first covering common presenting symptoms and signs and the second covering specific conditions The introductory chapters of this book aim to provide insight into emerging aspects of medicine that are essential for the day to day practice of otolaryngology before moving on to the more specific areas highlighted The textbook is the perfect resource to aid an otolaryngology trainee in passing key examinations while also suitable for established specialists to help remain up to date and to meet the necessary requirements for revalidation

**Evidence-based Otitis Media** Richard M. Rosenfeld,2003 Evidence Based Otitis Media offers one stop shopping for the best current evidence to guide management decisions at the individual organizational and societal levels This text details the importance of evidence based data in interpreting the ever enlarging body of literature on otitis media The editors have assembled an impressive group of experts on all aspects of otitis media and addressed comprehensively many issues related to methodology clinical management and consequences of this disease The eight chapters comprising the methodology section provide the necessary background and detail to allow physicians and other health professionals to understand and appreciate the value of evidence based medicine Updates include the incorporation of new original research systemic reviews and evidence reports to existing chapters New chapter topics include evidence based medicine professional evidence reports molecular and translational research complementary and alternative medicine bacteriologic efficacy of antimicrobials vaccine prevention international management perspectives meta analysis of speech and language sequelae suppurative complications host susceptibility to sequelae and judicious use of systemic and topical antimicrobials

**FEATURES** Maturation of evidence based medicine as a foundation for clinical care is reflected throughout the text Extensive evidence tables summarize study characteristics and quantitative outcomes for clinically relevant endpoints Internationally distinguished contributors selected based on both their clinical expertise and their ability to write for an evidence based text

**Pediatric Otolaryngology** C. Cremers,G. Hoogland,1988-05-05 **Clinical Practice Guideline** ,1994 **Tonsils: A Clinical Oriented Update** G. B. Galioto,1992-09-23 **Atlas of Otologic Surgery and Magic Otolaryngology, Second Edition, Two Volume Set** Marcos V Goycoolea,2012-04 In order to select and develop an appropriate therapy it is essential to have an understanding of the anatomy function and pathology of the organs involved as well as the mechanisms of a disease The second edition of this two volume set has been fully updated and gives special emphasis to structure function pathogenesis and research Written by international experts the atlas discusses new developments in otology such as genetics and molecular biology and includes a complete section on anatomy histology dissection sculpturing and surgical procedures of temporal bones Nearly 1600 detailed illustrations figures and histology material including electron microscopy assist understanding A DVD featuring real cases and surgical procedures is also provided

**Infectious Diseases of the Respiratory Tract** Michael E. Ellis,1998-02-12 A comprehensive and highly illustrated resource of multidisciplinary information and practical advice **Eustachian Tube** Charles D. Bluestone,2005 As

one of today's leading researchers of middle ear disorders Dr Bluestone offers a unique perspective on the diagnosis and management of common middle ear problems The Eustachian Tube is the first book to comprehensively cover these disorders in both adults and children The Eustachian Tube begins with an overview of middle ear anatomy and the epidemiology of middle ear disorders Then it discusses current tests of eustachian tube function as well as the physiology and pathophysiology of the eustachian tube Dr Bluestone also draws on his extensive clinical experience to describe the latest surgical and nonsurgical methods of middle ear treatment Throughout photographs and drawings illustrate anatomy and pathophysiology

Child Neuropsychology Jonathan Reed, Jody Warner-Rogers, 2011-08-26 Child Neuropsychology Reed and Warner Rogers have made a substantial contribution to the development of child neuropsychology which has suffered a dearth of comprehensive texts in this broad ranging well conceived and authoritative volume Professor J Graham Beaumont Department of Clinical Psychology Royal Hospital for Neuro disability London For me they have more than succeeded in meeting their goals for combining science and practice staying academically grounded but accessible and powerfully presenting the case for the necessary focus on developmental variables The text is both fascinating and readable throughout Jane Holmes Bernstein Department of Psychiatry Children's Hospital Boston Harvard Medical School A valuable addition to the libraries of pediatric child neuropsychologists It takes a somewhat different and refreshing approach as compared to existing texts focusing on neurobehavioral functions rather than clinical disorders The book places a strong emphasis on clinical translation and application that should appeal to practitioners but is firmly grounded in state of the art theory and research Professor Keith Yeates Department of Pediatrics Children's Research Institute Ohio State University Here in a single volume the reader will find summaries of current theory and knowledge regarding nearly all of the most common disorders seen by pediatric neuropsychologists Whether read as the textbook for a course or bought as a self study aid those new to the field will find this information to be invaluable More experienced professionals are sure to appreciate well edited chapters that will quickly bring them up to speed on recent advances This is an immensely useful book that should be a part of every pediatric neuropsychologist's library Steve Hughes PhD LP ABPdN Director of Education and Research The TOVA Company Based on the most up to date research Child Neuropsychology is a thorough and accessible guide to the key concepts and basic processes central to neuropsychological assessment and child evaluation Essays by leading experts in the field cover basic neuropsychological functions and related disorders in the context of brain development Divided into three parts the text begins with clear definitions of the concepts and methodology of brain development in child neuropsychology Part two examines normal and abnormal functional development The final part considers professional practice and provides valuable insights into the special problems of neuropsychological assessment of infants and children in clinical and educational settings

**Cumulated Index Medicus**, 1979 **Journal of the Royal Society of Medicine** Royal Society of Medicine (Great Britain), 1996 Includes selected papers from meetings of the Society and of its sections **Pediatric**

**Otolaryngology** Bluestone,2014 Preceded by Pediatric otolaryngology edited by Charles D Bluestone et al 4th ed c2003

**A Parent's Guide to Ear Tubes** Richard M. Rosenfeld,2005 Ear tubes are inserted in more than 10 000 children every week in the United States Written by an international authority on otitis media middle ear problems A Parent s Guide to Ear Tubes will help you decide if your child needs ear tubes and how to benefit most if ear tubes are placed The book addresses in a straightforward manner the myriad of concerns that accompany ear problems It is an easy read for parents offering practical information previously unavailable in one place Most importantly you will achieve peace of mind and a feeling of control over your child s ear problems Need to know information is well supported by accompanying colour illustrations The aim of this guide is to help your child feel great and sleep well achieve peace of mind and a feeling of control over your child s ear problems allow your child to progress as rapidly as possible with speech language and learning reduce or eliminate the need for oral antibiotics by using antibiotic ear drops when necessary permit your child to bathe and swim without earplugs headbands or other water precautions and keep the tubes functional and trouble free for the longest time possible

**Tobacco** Peter Boyle,2010-08-19 Tobacco is ranked as one of the major public health disasters of modern times This book pulls together the science of tobacco related diseases with the policy of tobacco control to offer a comprehensive preventive medicine public health approach

**The 5-Minute Clinical Consult 2013** Frank J. Domino,Robert A. Baldor, M.D.,Jeremy Golding, M.D.,Jill A. Grimes, M.D.,2012-06-05 The 5 Minute Clinical Consult 2013 Premium Edition provides rapid access information on the diagnosis treatment medications follow up and associated conditions of diseases and conditions Organized alphabetically by diagnosis this best selling clinical reference continues to present brief bulleted points on disease topics in a consistent 3 column format Online Mobile access to 5minuteconsult com accompanies this textbook purchase This trusted evidence based content is written by physicians to bring you the information you need fast at the point of care Features include More than 900 topics in print and online including over 95 new topics Asherman Syndrome Acute Diarrhea Pulmonary Fibrosis Gastric Polyp Hand Foot Mouth Disease IgA Nephropathy Q Fever Thymus Cancer and many more Additional 30 algorithms in print and online including Dizziness Migraine Treatment Rectal Pain and Vitamin D Deficiency Premium Online Access Includes Diseases Conditions Thousands of bulleted topics from across our 5 Minute Series to support your patient care decisions 12 in 1 Access to content from 12 titles 5 Minute Pain Management Obstetrics Gynecology Pediatrics Women s Health Orthopedic Urology Cardiology Emergency Medicine and Clinical as well as Essential Guide to Primary Care Procedures A Practical Guide to Soft Tissue Joint Injections and Wallach s Interpretation of Diagnostic Tests Internet Point of Care CME Earn CME credits as you treat your patients at no additional cost Customizable Patient Handouts Over 1 000 handouts in English Spanish from AAFP to help educate your patients Procedure Video Build your skills with procedure videos and also have access to physical therapy videos Drugs A to Z drug monographs from Facts and Comparison with patient education and interactions Algorithms Diagnostic and Treatment algorithms linked to associated

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