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Book Reviews

HOW TO WRITE AND PUBLISH A SCIENTIFIC PAPER (Third Edition)

Robert A. Day
Oryx Press
2214 North Central, Phoenx, Arizona 85004 –1483

Professor of English at the University of Delaware, Robert A. Day has served as President of the Society of Scholarly Publishing, Chairman of the Council of Biology Editors, and Director of ISI Press in addition to 19 years as Managing Editor of the American Society of Microbiology.

The cornerstone of the philosophy of science is based on the fundamental assumption that original research must be published. A scientist or student of science must be able to write. But in today's "publish or perish" environment, it's important to know more! Successful writing for publication requires knowledge of a wide range of practical points.

Robert A. Day shares his extensive experience and practical insight as he conducts a factfilled and witty tour of the publication process. Every element that goes into correctly preparing your manuscript for publication is explored, including:

- Organizing results
- Dealing with editors
- How to tell when a rejection letter isn't negative
- What is Scientific Writing?
- Origins of Scientific Writing
- What is a Scientific Paper?
- How to Prepare the Title
- How to List the Authors and Addresses
- How to Prepare the Abstract
- How to Write the Introduction
- How to Write the Materials and Methods Section
- How to Write the Results
- How to Write the Discussion
- How to State the Acknowledgements
- How to Cite the References
- How to Design Effective Tables
- How to Prepare Effective Illustrations
- How to Keyboard the Manuscript
- Where and How to Submit the Manuscript
- The Review Process (How to Deal with Editors)
- The Publishing Process (How to Deal with Proofs)
- How to Order and Use Reprints
- How to write a Review Paper
- How to Write a Conference Report
- How to Write a Book Review
- How to Write a Thesis
- How to Present a Paper Orally
- How to Prepare a Poster
- Ethics, Rights and Permissions
- Use and Misuse of English
- Avoiding Jargon
- How and When to Use Abbreviations
- A Personalized Summary
- Selected Journal Title Word Abbreviations
- Abbreviations That May Be Used Without Definition in Table Headings
- Common Errors in Style and in Spelling
- Words and Expressions to Avoid
- Prefixes and Abbreviations for SI
- Accepted Abbreviations and Symbols
- Glossary of Technical Terms

Need anyone say more!

Dr. Allan Gotlib / Editor, JCCA

WHIPLASH INJURIES – THE CERVICAL ACCELERATION/DECELERATION SYNDROME

Foreman SF, Croft AC
ISBN 0-683-03314-X
Williams & Wilkins 1988

The text opens with a synopsis of the cervical anatomy, including the physical properties of relevant tissues. This is followed by a contemporary discussion of the biomechanics and kinematics of the normal state of whiplash. Chapter 1 concludes with a summary of the development of the theories regarding forces generated during rear-end impact colisions.

Particularly with litigation frequently pending in a 'whiplash' situation, a thorough history and detailed examination are of prime importance. The authors thus devote two excellent chapters to physical examination procedures, covering not only orthopaedic and neurological office testing, but summaries of optional special tests such as electroencephalography, electromyography and special imaging studies. Plain film radiographic examination and evaluation is discussed in Chapter 4. Contributing author W. Glenn, M.D., provides a brief but excellent overview of aspects of magnetic resonance imaging and computed tomography as they relate to whiplash assessment. Chapter 5 concludes with an assortment of sample cases employing these sophisticated imaging modalities.

The sixth Chapter is devoted to fractures and dislocations of the cervical spine, including the nomenclature of the various classifications of cervical spine damage. Chapter 7 reviews the embryology of the musculoskeletal system.

Chapter 8 documents long- and short-term effects of soft tissue injuries in cervical acceleration/deceleration situtaions, including pain patterns and rationale for treatment. Trauma to the nervous system merits chapter 9 unto itself, covering both central and peripheral neural injuries. A superb and welcome addition to the text is dental surgeon L. Weinberg's chapter on temporomandibular joint injuries. Normal anatomy and biomechanics precede explanation of the pathomechanics, examination procedures and findings, evaluation of TMJ pain and dysfunction and treatment suggestions. The text appropriately closes with chapter 11 on prognosis. The authors discuss and propose a prognostic scale which can be used in facilitating both a proper workup and improving documentation.

The text is liberally illustrated. A majority of the line drawings, although adapted from many other sources, are drawn by Dr. Croft himself. Williams & Wilkins has maintained the excellent radiographic reproduction which they were noted for in 'Essentials of Skeletal Radiology' by Yochum & Rowe.

This contemporary, scientific and easy-reading text on whiplash injuries should fill a longstanding void on the bookshelves of health care students and practitioners in a number of disciplines. That the primary authors are doctors of chiropractic is a feather in the collective cap of the profession. Well done!

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