

How to write a case report

Rahij Anwar and colleagues give advice on the practical details of writing case reports.

Research has become an integral part of medical careers. A case report is a way of communicating information to the medical world about a rare or unreported feature, condition, complication, or intervention by publishing it in a medical journal.

When to start

Be on the look out for a case report from the start of your basic surgical or medical training. This will introduce you to the research world, and if your report is published it will be an asset to your CV. Any kind of research entails a lot of hard work and persistence. Your thought processes should be geared towards research in your postgraduate career, and you should use every opportunity you get for writing a report. So if you come across something unusual, discuss it with a consultant, particularly one who is keen on research.

Many consultants have huge amounts of material in the top drawers of their desks, waiting to be published. All they want is an enthusiastic medic who will help share their load in writing and getting it published. They are usually helpful if you ask them about this.

How to start

A senior doctor's help is a must from the beginning. He or she may know from their experience what cases are suitable for publication. Do an extensive literature search—PubMed, Medline, Ovid, Embase, and even search engines like Google will give you a vast amount of information related to the condition or feature you are after. Narrow down the search to your actual topic. If this comes up with very few search results, it means (assuming your search method is correct) that the case is rare and the report is therefore more likely to be published.

Your hospital library staff can help (especially in the beginning) by doing your searches for you and then getting relevant literature from other sources, if necessary. So don't be afraid to ask them. It is always useful to read in a standard textbook or appropriate journal everything about the topic that your case report relates to. Note down or photocopy important references at the end of the chapter or article and follow them up.

Obtaining consent from the patient is not only good medical practice but also mandatory for some journals, such as the *BMJ* (which has its own consent form on handouts). If there is no standard form, make up your own. It is useful to have the patient's contact details on the form just in case you want to trace him or her later. It is also polite to ask permission from the doctor in charge of the patient's management.

How to collect information related to the case

After you have done the groundwork, collect all the material for the case report. Use the patient's notes to record the details of all the events in the patient's care—that is, history, examination findings, results of investigations with dates, and operative findings, if any, together with the details of the actual intervention and follow ups. Get copies—do not take the originals (they are the patient's only records for future reference). You are allowed to have copies only of radiographs, slides, photographs, and so on, but in this electronic age it is better to use a digital camera for your personal copies of radiographs and clinical photographs. This avoids many potential problems and saves a lot of time. Make sure you return the notes

and radiographs to their original source. You should also visit the patient again and make sure you have got the facts right.

Which journal to choose

Again, the advice of your supervising consultant is useful. Select a journal that you think would be the most appropriate for your case report. For example, unusual injury presentations are more likely to be accepted in the journals such as *Trauma* rather than more mainstream, general interest journal. The *BMJ* does not publish case reports, only Lessons of the Week. In other words, be sensible in choosing the journal.

Download or copy the information for authors for that particular journal and keep the hard copy safely in a folder with all the other information about the case. It is also useful to have a copy of any case report from a previous issue of the journal to get an idea of the presentation. It is extremely important to understand the basic format required by the journal. Your case report may be rejected because it does not conform to the standard format, no matter how good the content is. Margins, spacing, figure numbering, and style of references (Vancouver, Harvard, and so on), all are important aspects.

How many colleagues should be included?

The best answer is not many: the supervising consultant and maybe one or two other colleagues, depending on how sincere and helpful they have been in collecting information or literature. You or your consultant (discuss with him or her) must be the first author. Do not ever give photographs or any other material related to your case report to anyone who you think might misplace them.

How do I write it?

It is best to write everything in one stretch. Piecemeal writing consumes time because you have to go over everything repeatedly. The following format is the most common way of writing a case report.

Introduction

Describe your case report in one sentence. Also mention how rare it is.

Case report

You have to summarise the information that you have gathered: a brief history and important and relevant positive and negative findings with details of investigations, treatment, and the condition of the patient after treatment. Don't include unnecessary details. Remember, this part should read like an interesting story, which your reader should enjoy.

One common form of presentation is to divide it into separate paragraphs with history, examination, investigation, treatment, and outcome in separate paragraphs—a textbook style of presentation without the headings.

Discussion

Remember that the probability of getting any research work published in a reputable journal is determined primarily by how well your arguments are presented scientifically—that is, how your report is supported or discussed. The first paragraph may explain the objective of reporting the case.

You must subsequently describe what others have written before about the condition or any related feature. Be generous in quoting the literature but don't go into unnecessary details.

The third and most important stage in the discussion is to substantiate the message you are trying to convey. Your reviewers want proof of the rarity of the condition and the scientific explanations for it. If you don't do this, they are likely to reject your report immediately. So you must be able to describe the cause of the condition or why a particular procedure or feature was chosen. How did it influence the outcome? How does it differ from usual and what are your

How To Write A Surgical Case Report



Otis

How To Write A Surgical Case Report:

A Report of Surgical Cases Treated in the Army of the United States from 1865 To 1871 Estados Unidos. War Department. Surgeon General's Office, 1871 **Report on the Surgical Cases Noted in the South African War, 1899-1902** William

Flack Stevenson, 1905 *Writing, Reading, and Understanding in Modern Health Sciences* Milos Jenicek, 2017-07-27

Medical articles are one of the main vehicles of knowledge translation and evidence communication in the health sciences

Their correct structure and style alone are no longer enough to convey a clear understanding of the intended message

Readers must be able to understand the very essence of the article message That is the purpose of this book W *A Report*

of Surgical Cases Treated in the Army of the United States from 1865 to 1871 Otis, 1871 **How to Think in Medicine**

Milos Jenicek, 2018-08-06 Mastery of quality health care and patient safety begins as soon as we open the hospital doors for

the first time and start acquiring practical experience The acquisition of such experience includes much more than the

development of sensorimotor skills and basic knowledge of sciences It relies on effective reason decision making and

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to Think in Medicine Reasoning Decision Making and Communications in Health Sciences is about these essential skills It

describes how physicians and health professionals reason make decision and practice medicine Covering the basic

considerations related to clinical and caregiver reasoning it lays out a roadmap to help those new to health care as well as

seasoned veterans overcome the complexities of working for the well being of those who trust us with their physical and

mental health This book provides a step by step breakdown of the reasoning process for clinical work and clinical care It

examines both the general and medical ways of thinking reasoning argumentation fact finding and using evidence It explores

the principles of formal logic as applied to clinical problems and the use of evidence in logical reasoning In addition to outline

the fundamentals of decision making it integrates coverage of clinical reasoning risk assessment diagnosis treatment and

prognosis in evidence based medicine Presented in four sections this book discusses the history and position of the problem

and the challenge of medical thinking provides the philosophy interfacing topics of interest for health sciences professionals

including the probabilities uncertainties risks and other quantifications in health by steps of clinical work decision making in

clinical and community health care research and practice Communication in clinical and community care including how to

write medical articles clinical case studies and case reporting and oral and written communication in clinical and community

practice and care

<https://www.frontiersin.org/research-topics/66208/case-reports-in-veterinary-neurology-and-neurosurgery>

Koen Santifort, Bruno André Lopes, Simone Spinillo, Andrea Tipold, Joao Miguel De Frias, Susana Monforte, 2025-06-26 Case

reports in veterinary neurology hold significant potential for advancing the fields of veterinary neurology and neurosurgery

These reports may document unique and rare clinical cases as well as offer insightful observations of more prevalent

diseases In all instances they provide valuable insights into the diagnostic therapeutic and prognostic aspects of neurological disorders in animals The detailed descriptions and originality found in case reports underscore their essential role in advancing medical science The late Dr Robert J Higgins of UC Davis in California USA emphasized the significance of case reports stating Their importance in advancing knowledge becomes even more evident when we realize how much we still act as a catalyst for further research and clinical inquiry They not only identify gaps in existing knowledge but also propose new hypotheses and occasionally challenge established paradigms This in turn can stimulate more extensive studies and drive progress in veterinary neurology and neurosurgery For example a meticulously documented case report can unveil a new therapeutic approach or unexpected complication triggering broader investigations that have the potential to enhance patient care significantly The aim of this Research Topic is to establish a lasting and prominently featured platform for the publication of case reports in veterinary neurology and neurosurgery By sharing unique clinical experiences and outcomes veterinarians contribute to a collective database of knowledge that benefits the entire profession This collaborative effort can contribute to advances in the field of veterinary neurology as a whole The journal invites submissions of case reports that focus on veterinary neurology and neurosurgery These reports should provide detailed accounts of clinical cases that contribute significantly to the field of veterinary medicine The scope includes but is not limited to Neurological disorders in various animal species including domestic pets horses large animals wildlife and exotic animals Innovative diagnostic techniques and their applications in veterinary neurology cases Novel therapeutic approaches and outcomes in the management of neurological conditions Detailed descriptions of neurosurgical procedures and postoperative care Case reports highlighting unusual presentations of common neurological diseases Comparative neurology and its implications for veterinary practice New insights into neuropathology and neurodiagnostics Clinical challenges and solutions in veterinary neurology cases Drs Koen Santifort Bruno A Lopes and Simone Spinillo are employed by private veterinary hospitals All other Topic Editors declare no competing interests with regards to the Research Topic subject

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Essential Concepts in Clinical Research Kenneth Schulz, David A. Grimes, 2018-07-19 This practical guide speaks to two audiences those who read and those who conduct research Clinicians are medical detectives by training For each patient they assemble clinical clues to establish causes of signs and symptoms The task involves both clinical acumen and knowledge of medical research This book helps guide clinicians through this detective work by enabling them to make sense of research and to review medical

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The American Journal of Surgery ,1910 Includes the papers and or proceedings of various surgical associations

The Boston Medical and Surgical Journal ,1878 *Australasian medical directory and hand book* ,1886

American Journal of Orthopedic Surgery ,1907 *The New Orleans Medical and Surgical Journal* ,1930 **Boston Medical and Surgical Journal** ,1878 *Vermont Medical Monthly* ,1907 International Journal of Orthodontia, Oral Surgery and Radiography ,1929 **Railway Surgical Journal** ,1902 Medical Record George Frederick Shrady,Thomas Lathrop Stedman,1906 **Journal of the American Medical Association** American Medical Association,1925 *Medical Times* ,1907

Reviewing **How To Write A Surgical Case Report**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**How To Write A Surgical Case Report**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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