

# Writing an Abstract for a Research Manuscript: Providing an Honest, Succinct and Complete Summary

Sandeep B Bavdekar<sup>1</sup>, Nithya J Gogtay<sup>2</sup>

## Abstract

Abstract is a vital part of a research paper. Besides the title, it is the most widely read section of an article. The first impressions created by the abstract on editors and reviewers can have a great influence on the fate of the article. After its publication, a reader might decide to give the article a miss, if he finds the information provided in the abstract uninteresting, irrelevant or uninspiring. An abstract should, therefore, be packed with all important relevant information about the study, so that reviewers and readers understand the rationale of the study, are assured of adequacy of the methodology employed, are informed about the important findings and appreciate the reasonable conclusions stated in the abstract. Brevity, self-sufficiency, providing complete and accurate information in an unbiased manner are some of the important characteristics of a good abstract.

## Introduction

An abstract is a summary of a full article. Annesley<sup>1</sup> has rightly compared abstract to an 'elevator talk', wherein an author summarizes the important information the paper conveys with an aim of getting the reader interested in the idea, enticing him to read the whole manuscript. It is, therefore imperative that authors give great attention to writing a good abstract for their paper. The importance of an abstract cannot be over-emphasized. After the title, it is the most commonly read part of a manuscript.<sup>1</sup> Once a manuscript is submitted to a journal for consideration for publication, editors read the abstract to check if the article is likely to meet the preliminary criteria for processing it further. On the basis of the first impressions made by the title and

the abstract, they try to determine if the article would be of interest and relevance to the journal's readership. If they decide to send it for peer review, the prospective reviewers are generally provided access only to the abstract before they agree to review the whole paper. Abstract is the only part of the article that readers get to see when they search through electronic databases<sup>2</sup> and several journal websites allow the non-subscribers access to the abstract alone.<sup>1</sup> Once published, most readers decide to read the paper only if they find the abstract interesting or stimulating. Here, an abstract acts as a trailer.<sup>1</sup> If readers are unimpressed by the information contained in the

abstract, they might perceive the study to be weak and simply move on to the next paper.<sup>1</sup> Although various types of articles (reviews, case reports, opinion article, etc.) have abstracts, this article will discuss abstracts in the context of research articles.

## Types of Abstracts

Abstracts can be descriptive or informational.<sup>3</sup> The descriptive abstracts only portray what the paper contains without providing any details. The reader is required to read the entire article to know what the article really contains. Such abstracts are usually ultra-short (75-150 words) and are rarely used for original research articles. They are more commonly seen with Case Reports, reviews and opinion articles; articles that do not contain original research data.<sup>3</sup> In contrast, informational abstracts intend to provide a gist of what the research article contains and are, therefore, built in the form of a synopsis of the entire article. They include details of the research study and have enough material information to act as a proxy for the entire paper.<sup>3</sup> Informational abstracts can be unstructured or structured. Unstructured (also called as non-structured) abstracts are free-flowing and as the name suggests,

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