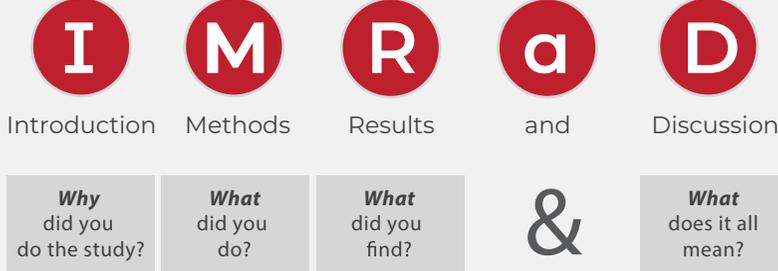


# How to WRITE A RESEARCH PAPER



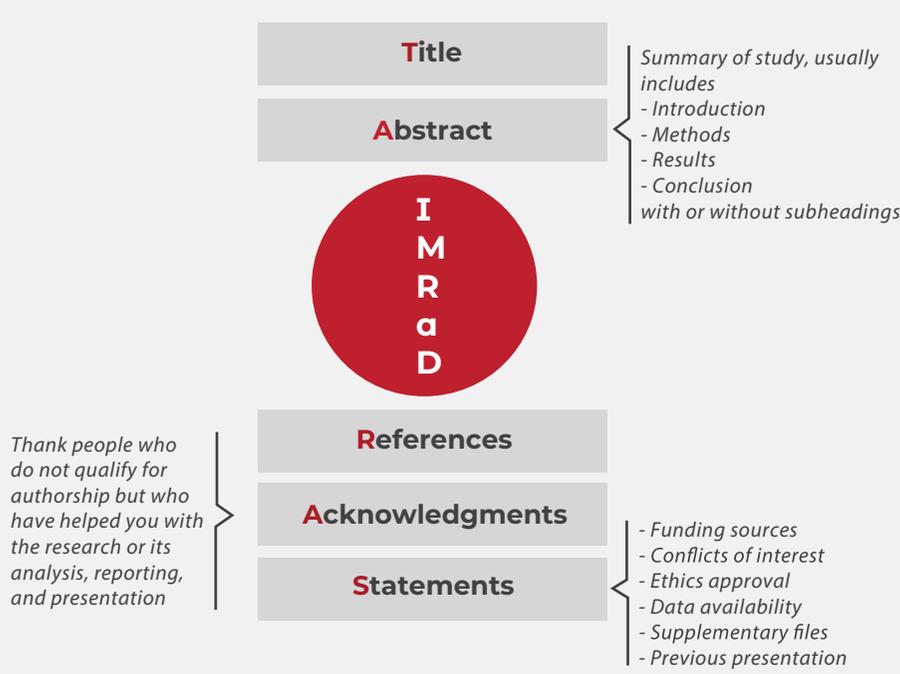
## Use the IMRaD formula



“ {IMRaD} structure is...a reflection of the process of scientific discovery ”

*International Committee of Medical Journal Editors (www.icmje.org)*

## The full formula is TA-IMRaD-RAS



### Tips

- Select your journal early and check its guidelines for:**
  - Word counts
  - Expected sections and section names
  - Number and style of references
  - Formatting
- Note possible journal variations:**
  - Methods may be at the end or combined with Results
  - Results may be combined with Discussion
  - Methods, Results, and Discussion may be combined
  - Discussion may end with a separate Conclusion section

Use the Edanz Journal Selector:  
[WWW.EDANZ.COM/JOURNAL-SELECTOR](http://WWW.EDANZ.COM/JOURNAL-SELECTOR)



## The “write” order: follow TA-MRDI

- 1** **Before drafting the manuscript:**
  - Make draft illustrations (tables and figures)
  - Summarize each illustration's key point
  - Make a brief IMRaD outline
- 2** **Title**  
Announce the most important feature of your research
- 3** **Abstract**  
Summarize the key messages of your IMRaD outline; input text in Edanz Journal Selector to find a target journal to help you with manuscript structure and format
- 4** **Methods**  
Describe materials, procedures, and analytical methods for each result/illustration, so others can repeat your study
- 5** **Results**  
Finalize your illustrations and highlight their main features in the main text
- 6** **Discussion**  
Evaluate your results in the context of the published literature; identify strengths and weaknesses; draw conclusions and include implications and future directions
- 7** **Introduction**  
Present enough information for readers to understand your study's conclusions, implications, and importance

### Finishing touches

Prepare the references, acknowledgments and necessary statements; finalize the title and abstract; **don't forget to edit and proofread your manuscript!**



Being familiar with the IMRaD format and the “write” order will help you prepare your manuscript efficiently and completely.

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