

IMRAD Introduction, Method, Results And Discussion

Title

- Must be concise and informative.

Abstract

- Must be a precise summary of the report/article
- Want to present the content of the manuscript such that the reader can decide if he wants to read it or not.
- Must contain purpose, method and main result. (typically 100-200 words)

Introduction

- Put the research into a broad context.
- Give an overview of relevant publications.
- Explain why this work is important, what we learn from it, and which questions we ask.

Method

- The purpose is to precisely describe the methods and the materials which has been used to perform the experiment.
- Describe the experiment.
- Description for other that want to repeat the experiments
- * Eventually a theoretical part and method.

Results

- Describe the results, but don't explain it.
- This part gives the reader the real results.
- Can for instance explain trends in the data.
- Purpose to make it as easy as possible to understand the data.

Discussion

- Describes the results of this study and explain why it is important.
- Must therefore interpret the data. What kind of answer is given with respect to the questions given in the introduction.
- How is this related to what other has done.
- Eventual reservation/limitations, validity.
- ***Also possible to combine the results and the discussion. .***

Conclusion

- What is the main results. (Can also be a part of the discussion.)

Acknowledgment

- Thanks to the contributors (not the other authors), the research council, technicians, people you discussed with.

References

- Always refer to earlier results and equations. Refer to other relevant publications.

Appendix

- Information that supports your results. Often more heavy results like lengthy calculations.

Figures:

- Always a figure text that describes the content of a figure.
- Always give units along the axis (m/s).
- Readable figures with clearly marked data-points.
- When necessary give error bars.

Uncertainty

- Be aware of and specify the uncertainties in the results and give the correct number of digits.