



كلية الآداب
والإنسانية والعلوم
الاجتماعية
FACULTY OF HUMANITIES
AND SOCIAL SCIENCES



جامعة محمد بوضفاف - المسيلة
Université Mohamed Bouhaf - M'alla



برنامج الندوة العلمية

حول:

التعريف بمنهجية

IMRAD في إعداد

البحوث

يوم 22 فيفري 2022

بمخبر المهارات الحياتية

النشيد الوطني

كلمة مدير مخبر المهارات الحياتية

كلمة رئيس الندوة

كلمة رئيس قسم علم النفس

الرقم	اسم المتكل	عنوان التدخل	التوقيت
1	د. جلاب مصباح	مدخل مفاهيمي لـ IMRAD ودواعي اقتراح توظيفها في بحوث طلبية قسم علم النفس	9.00 – 9.10
2	د. كتفي عزوز	مميزات وخصائص طريقة IMRAD	9.10 – 9.20
3	أ.د/ براخلية عبد الغني	هل يمكن أن تكون منهجية IMRAD بديلا مقبولا للمنهجية التقليدية في إعداد مذكرات التخرج ؟	9.20 – 9.30
4	د. بركات عبد الحق	خطوات تحرير المقال العلمي وفق طريقة IMRAD	9.30 – 9.40
5	د. جعلاب نور الدين	دليل إعداد مذكرة التخرج في ضوء الخطوات المنهجية لـ IMRAD	9.40 – 9.50
6	د. مام عواطف	معايير كتابة تقرير البحث: مقارنة بين أسلوب الجمعية الأمريكية لعلم النفس APA وطريقة IMRAD	9.50 – 10.00
7	د. سعودي أحمد	التحديد الإجرائي للمفاهيم وفق طريقة IMRAD	10.00 – 10.10
8	د. صاهد فتيحة	التحليل الكيفي في ضوء منهجية IMRAD	10.10 – 10.20
9	د. واضح العمري	كيفية توظيف وتحليل الدراسات السابقة في البحث وفق طريقة IMRAD	10.20 – 10.30
10	د. خرخاش أسماء	اهمية خطوة المناقشة D وتحليل النتائج ضمن نظام IMRAD	10.30 – 10.40
11	أ.د/ بوضياف نوال د. بوجلال سهيلة	اقتراح نموذج تدريبي في التوثيق العلمي أثناء كتابة البحوث التربوية والنفسية وفق طريقة APA في نموذج IMRAD	10.40 – 10.50
12	د. بوقرة عواطف	طرق التحقق من صلاحية أدوات الدراسة في طريقة IMRAD هل تختلف عن الطرق المعتادة ؟	10.50 – 11.00
13	ط.د/ بعايري حسان	لماذا التوجه نحو IMRAD في كتابة المقالات والأطروحات؟	11.00 – 11.10
14	د. مكفس عبد المالك	كيفية استخدام العنصر R في منهجية IMRAD	11.10 – 11.20
15	د. خطوط رمضان د. شريط ايمن	Advantages and Disadvantages of the IMRAD structure approach in the research writing process	11.20 – 11.30

منقحة

شهادة مشاركة

1985



جامعة محمد بوضياف - المسيلة
Université Mohamed Boudiaf - M'sila



كلية العلوم
الإنسانية والاجتماعية
FACULTY OF HUMANITIES
AND SOCIAL SCIENCES

Mohamed Boudiaf University Of M'sila



جامعة محمد بوضياف المسيلة

كلية العلوم الانسانية والاجتماعية

قسم علم النفس

مخبر المهارات الحياتية

يشهد رئيس قسم علم النفس ومدير مخبر المهارات الحياتية بأن:

د. خطوط رمضان

قد شارك في فعاليات الندوة العلمية حول: **العرف بمهجة IMRAD في إعداد البحث**

المنظم من قبل مخبر المهارات الحياتية بالتنسيق مع قسم علم النفس يوم 22 فيفري 2022.

عنوان التدخل: **Advantages and Disadvantages of the IMRAD structure approach in the research writing**

process

رئيس قسم علم النفس



الالكتروم
نور الدين جعلاب

مدير مخبر المهارات الحياتية



د / مجاهد سدي القطاشر

رئيس الندوة

د. جعلاب مصباح

Advantages and Disadvantages of the IMRaD Structure Approach in the Research Writing Process

Research

Prepared by:

Imane CHERIET

Ramdane KHATOUT

Scholarly/Academic Articles

- Scholarly articles are published in print and in online scholarly journals, and are reviewed by experts in a process known as a peer review before they are published.
- There many types of academic articles,

Types of Scholarly/Academic articles

Theoretical article

Perspective articles (opinion articles)

Research review articles

Book reviews

Original research papers, or empirical articles, Detailed studies that report research you have conducted that is original, classified as primary literature. Generally, these academic articles include hypothesis, methods, results and discussion of results (IMRAD). These publications are typically long, from 3,000 to 8,000 words and may extend to 12,000

The IMRaD Format

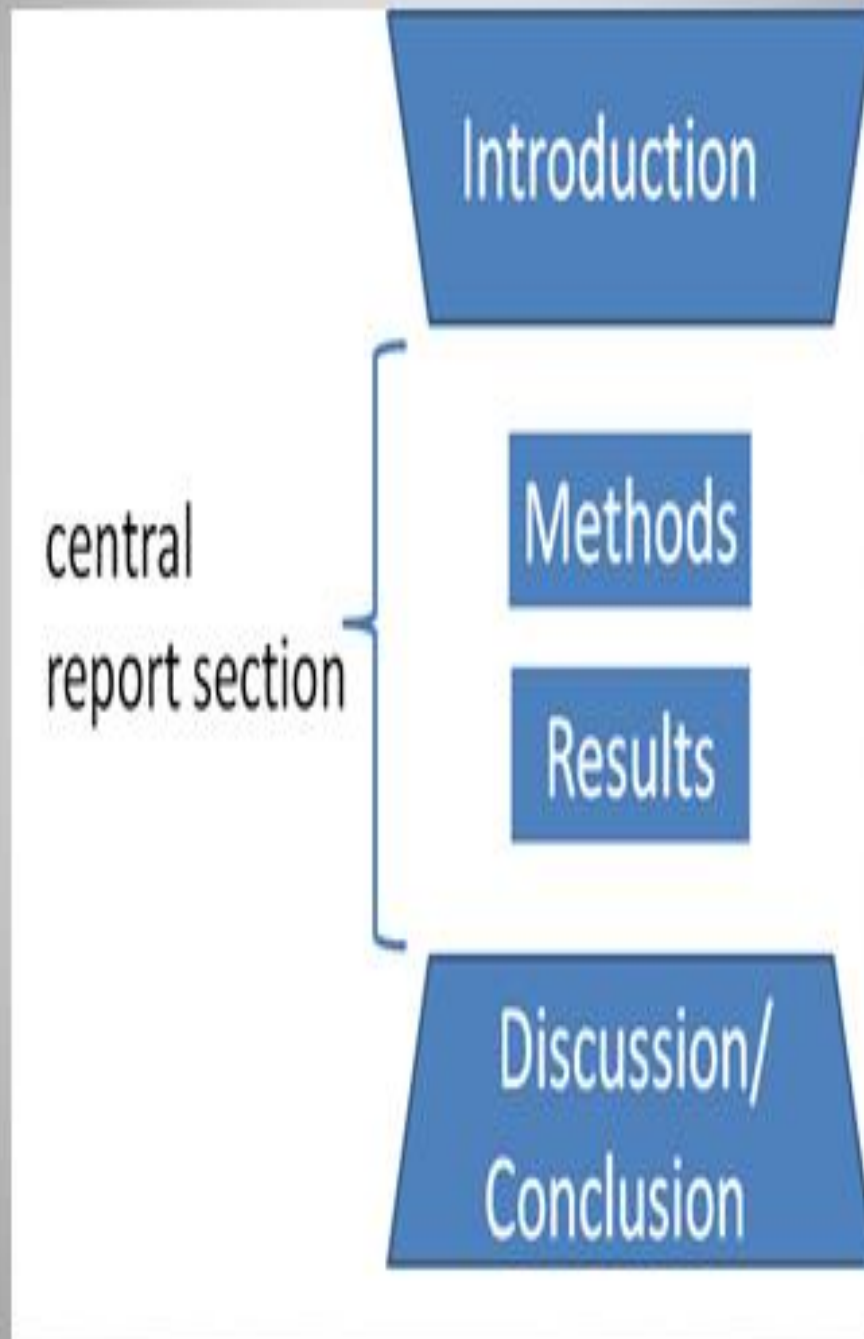
- Original/empirical research papers usually use the IMRaD formula.
- The IMRaD structure is not an arbitrary publication format but a reflection of the process of scientific discovery.
- This acronym includes the four main sections of a research paper, which answer four basic questions, as follows:
 - Introduction: Why did you do the study?
 - Methods: What did you do?
 - Results: What did you find? and...
 - Discussion: What do your findings mean? How do you advance your field?

The IMRaD Format

- The IMRaD style of writing is a scientific style format, also referred to as the 'wine glass model' or hourglass model.



The wine glass model or the hourglass model



Heading Style Variations IMRaD

Format

- Many journals have a convention of omitting the "Introduction" heading, based on the idea that the reader who begins reading an article does not need to be told that the beginning of the text is the introduction. (The same considerations for "Abstract" heading.)
- In some journals, the "Methods" heading may vary, being "Methods and materials", "Materials and methods", or similar phrases.
- The "Discussion" section also labeled as "Summary", "Conclusion", or "Conclusions"

Heading Style Variations IMRaD Format

- The journals which use the "Conclusion" or "Conclusions" along with a statement about the "Aim" or "Objective" of the study in the "Introduction" is following the newly proposed acronym **IaMRDC** which stands for "Introduction with aim, Materials and Methods, Results, Discussion, and Conclusion."
- Because research papers begin with a Title and Abstract, end with the References, and often also have an Acknowledgment and various Statements. Some features of these additional sections are as follows: **TA-IMRaD-RAS**

Brief History

Year	Development
1665	The origin of scientific papers
1800s	Increased interest in methods description (theory – method experiment)
Until 1945,	articles were organized in a manner more similar to a book chapter, mainly with headings associated with the subject, and did not follow the IMRAD structure
1946	IMRaD began to be adopted by scientific journals
From 1950 to 1960,	the IMRaD structure was partially adopted,
1950s	In physics, and medical research IMRAD was already employed extensively
Late 1970s.	IMRaD quickly became the dominant format for research papers in a majority of leading scientific journals
Today,	IMRAD is the standard for all major journals in ecology, including this one—

- **Why has IMRAD been adopted by almost all research journals so widely and quickly, with no sign of being abandoned anytime soon?**

Benefits/Advantages

- IMRaD is a result of that evolutionary process in scientific writing
- It facilitates writing literature review, allowing readers to navigate articles more quickly to locate material relevant to their purpose.
- It effectively supports a reordering that eliminates unnecessary details.
- It facilitates readability and peer review.
- In fact, display items such, as figures and tables, are the most effective way to communicate complex information and significant results.
- It allows the most relevant information to be presented clearly and logically to the readership, by summarizing the research process in an ideal sequence and without unnecessary detail.

Caveats/ Disadvantages

- The idealised sequence of the IMRAD structure has on occasion been criticised for being too rigid and simplistic.
- The IMRAD structure does not always represent the order of actual research activities.
- This text structure was criticised for not giving a realistic representation of the thought processes of the writing scientist: "... the scientific paper may be a fraud because it misrepresents the processes of thought that accompanied or gave rise to the work that is described in the paper".

References

- **Writing 105 (Downey):** Types of scholarly articles, (2021). Retrieved from: <https://libguides.ucmerced.edu/c.php?g=641546&p=4495850>
- [Luciana B. Sollaci](#), MS, Library Director¹ and [Mauricio G. Pereira](#), MD, DrPH, Professor of Epidemiology^{2,3}
- [J Med Libr Assoc.](#) 2004 Jul; 92(3): 364–371. The introduction, methods, results, and discussion (IMRAD) structure: a fifty-year survey
- Different types of scientific papers. (2021). retrieved from: <https://www.cwauthors.com/article/Different-types-of-scientific-papers>
- [E Heseltine](#) Why authors have to use a rigid format for their journal articles, [Ann R Coll Surg Engl.](#) 2015 May; 97(4): 249–251. May. doi: [10.1308/003588415X14181254789808](https://doi.org/10.1308/003588415X14181254789808)