RESEARCH ARTICLES

ABSTRACTS

Share your patient's case

- Form 3 groups (one per speaker):
- Timery, Anne and Florine
- 5-min talks + about 10 minutes for questions.
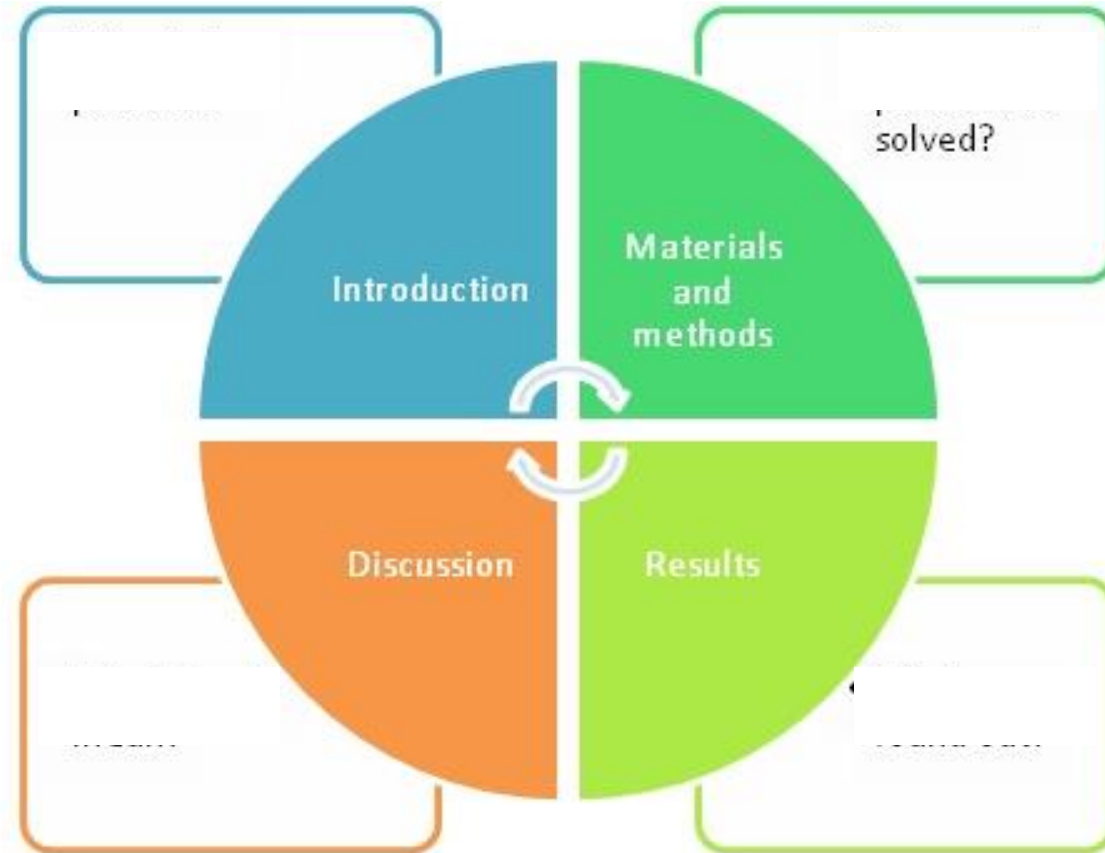- Appoint one secretary per group (they will report what the discussion was about).

Debriefing

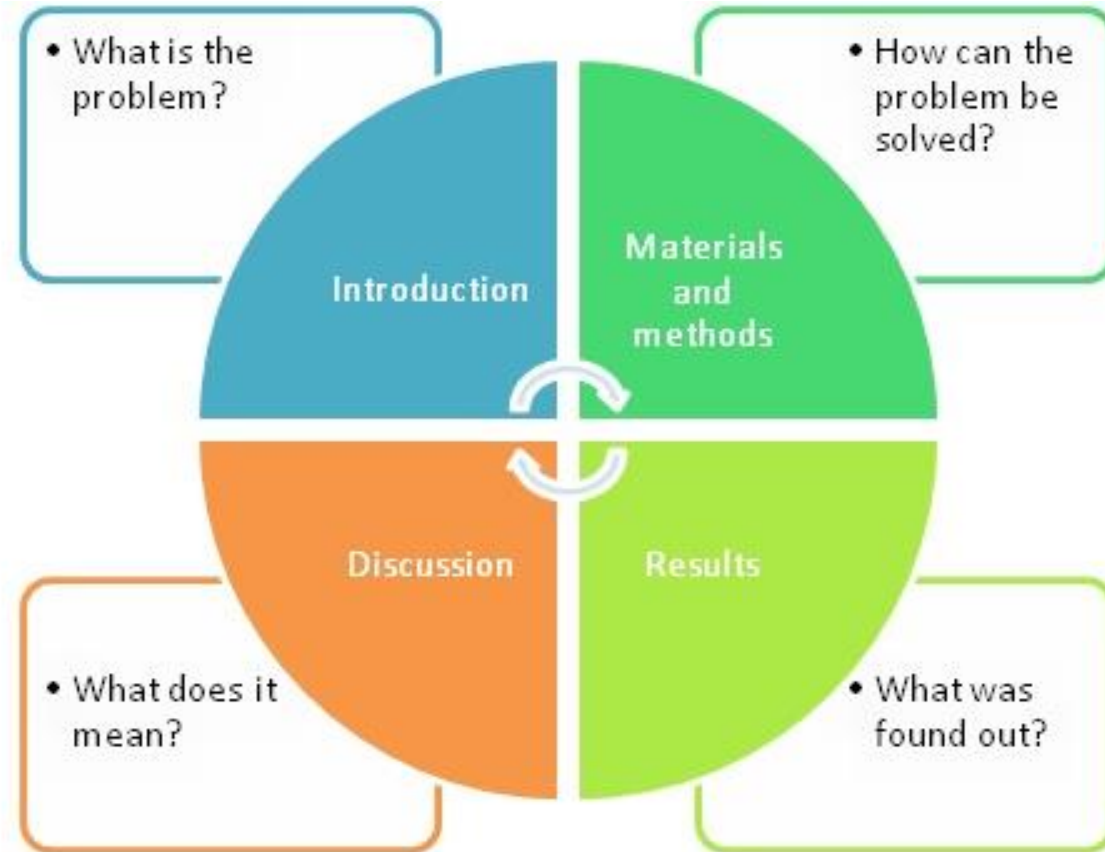# How is a research article organized?

- How many sections does it include?

The IMRaD Structure
What question does each section answer?

The IMRaD Structure

Student worksheet

- Sort out these extracts into 4 groups:
- ➢Introduction
- ➢Materials and Methods
- ➢Results
- ➢Discussion

What do you notice? Focus on the verbal forms in the different sections

- What tenses and voice do you find in these sections of a RA?

➤Introduction

➤Materials and Methods

➤Results

➤Discussion

What forms are common and where?

- **INTRODUCTION**:
- ➢ mainly **PRESENT SIMPLE** to generalize, **PRESENT PERFECT/SIMPLE PAST** for reference to previous studies

A final issue … is the nature of/In recent years, there has been a dramatic proliferation…

- **MATERIALS and METHODS**:
- ➢ **SIMPLE PAST**, <u>**passive voice**</u>

We recruited 180 students/The students <u>were divided </u>into groups…

- **RESULTS**:
- ➢ **SIMPLE PAST**

Estimations… were significantly greater

- **DISCUSSION**:
- ➢ **PAST/PRESENT SIMPLE** depending on degree of generalization, **modals** for 'hedging' (tentative explanations)

The use of longer delay intervals might produce different…

Can you use the right form for each verb in this abstract?

One of the three representations of a staged automobile collision ___ (show) to 180 students from introductory psychology classes. We then ___ (question) the students about details of the accident, using either marked or unmarked modifiers. Half the students ___ (question) immediately after viewing the stimulus material and half after a 20-min delay. The results ___ (indicate) that estimates of the magnitude of a number of aspects of the collision ___ (be) significantly greater when unmarked modifiers ___ (use) in phrasing the relevant questions. Students who ___ (question) after the 20-min delay gave significantly greater estimates of monetary damage than the students who ___ (answer) immediately after viewing the representation. The nature of the stimulus material ___ (have) inconsistent but significant effects.

Can you identify what section each sentence corresponds to?

One of the three representations of a staged automobile collision was shown to 180 students from introductory psychology classes. We then questioned the students about details of the accident, using either marked or unmarked modifiers. Half the students were questioned immediately after viewing the stimulus material and half after a 20-min delay. The results indicated that estimates of the magnitude of a number of aspects of the collision were significantly greater when unmarked modifiers was used in phrasing the relevant questions. Students who were questioned after the 20-min delay gave significantly greater estimates of monetary damage than the students who answered immediately after viewing the representation. The nature of the stimulus material had inconsistent but significant effects.

Can you identify what section each sentence corresponds to?

Method One of the three representations of a staged automobile collision was shown to 180 students from introductory psychology classes. We then questioned the students about details of the accident, using either marked or unmarked modifiers. Half the students were questioned immediately after viewing the stimulus material and half after a 20-min delay. **Results** The results indicated that estimates of the magnitude of a number of aspects of the collision were significantly greater when unmarked modifiers was used in phrasing the relevant questions. Students who were questioned after the 20-min delay gave significantly greater estimates of monetary damage than the students who answered immediately after viewing the representation. The nature of the stimulus material had inconsistent but significant effects.

What's an abstract?

ABSTRACTS

Abstracts come in two flavors:

- unstructured and

- structured.

Both contain the same information in the same order, but the structured one adds subheadings to organize the reading experience.

Parts included in the abstract are (in this order!):

Topic, **RQ- (INTRODUCTION)**, **METHOD**, **RESULTS**, **Contribution - (DISCUSSION/CONCLUSION)**.

Or Background, Purpose- (INTRODUCTION), METHOD, RESULTS, CONCLUSION.

Journals will mandate which form as well as maximum number of words.

Often, reduced abstracts are preferred: P+M /R/C

Label the sentence(s) below: (topic, RQ, method, results or discussion?)

- « Telehealth » interventions represent a strategy for addressing access to care problems.

- Both urban and rural patients were receptive to receiving medical and psychiatric services via telehealth. There were few meaningful differences across variables between urban and rural patients, and there were no meaningful differences by PTSD status.

- Adequate health care services are often not available in rural and remote areas, and this problem is expected to grow worse in the near future.

- These findings support the feasiblity of telehealth applications, particularly for rural patients who may not otherwise receive needed services.

- We examined and compared attitudes toward medical and mental health care delivered via telehealth applications among adult rural (n_112) and urban (n_78) primary care patients. We also examined attitudes toward telehealth applications among a subset of patients with postraumatic stress disorder (PTSD)- a group in need of specialized services.

Label the sentence(s) below: (topic, RQ, method, results or discussion?)

- « Telehealth » interventions represent a strategy for addressing access to care problems. RQ

- Both urban and rural patients were receptive to receiving medical and psychiatric services via telehealth. There were few meaningful differences across variables between urban and rural patients, and there were no meaningful differences by PTSD status. Results

- Adequate health care services are often not available in rural and remote areas, and this problem is expected to grow worse in the near future. Topic

- These findings support the feasiblity of telehealth applications, particularly for rural patients who may not otherwise receive needed services. Discussion

- We examined and compared attitudes toward medical and mental health acre delivered via telehealth applications among adult rural (n_112) and urban (n_78) primary care patients. We also examined attitudes toward telehealth applications among a subset of patients with postraumatic stress disorder (PTSD)- a group in need of specialized services. Method

ABSTRACTS

Abstract: Adequate health care services are often not available in rural and remote areas, and this problem is expected to grow worse in the near future. [Topic/Significance] "Telehealth" interventions represent a strategy for addressing access to care problems.[RQ] We examined and compared attitudes toward medical and mental health care delivered via telehealth applications among adult rural (n _ 112) and urban (n _ 78) primary care patients. We also examined attitudes toward telehealth applications among a subset of patients with posttraumatic stress disorder (PTSD)—a group likely in need of specialized services.[Method] Both urban and rural patients were receptive to receiving medical and psychiatric services via telehealth. There were few meaningful differences across variables between urban and rural patients, and there were no meaningful differences by PTSD status.[Results] These findings support the feasibility of telehealth applications, particularly for rural patients who may not otherwise receive needed services.[Discussion]

What forms, for which sections?

- Topic and research question: PRESENT
- Method: PAST, passive voice
- Results: PAST, sometimes present
- Discussion: PRESENT

CONCLUSIONS

MOVE	SECTION	TENSES
1	Background	PRESENT Simple present Present perfect
2	Purpose of paper Purpose of experiments	PRESENT PAST
3	Methods	PAST, passive voice (sometimes present)
4	Results	PAST (sometimes present)
5	Discussion	Present, modals

Complete your toolkit

Expressions for BACKGROUND	Expressions for OBJECTIVES	Expressions for METHODS	Expressions for RESULTS	Expressions for DISCUSSION

HOMEWORK use today's abstracts + FM corpus

- Write useful sentences for each section in the TOOLKIT.