

# Structure of an Educational Clinical Case Report

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## 1. Title of Case

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### *Explanation:*

- The words “case report” should be in the title along with the diagnosis;
- The title should be brief and help clearly identify the focus of the case report. Never uses abbreviations in the title;
- It is placed on the separate file from manuscript, labeled as a “Title page”;
- Beneath the title, list all authors and their affiliations on the same page (See Appendix 1).

## 2. Introduction

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### *Explanation:*

- The definition and brief description of the pathology, including etiology, epidemiology, common presentations, disease progression, possible complications, and principles of treatment is discussed, referencing the relevant medical literature (*at least 150 words*).

## 3. Case Presentation

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### **a) Patient Information:**

- Demographic information of the patient (age, gender, occupation);
- Medical, family, and psychosocial history including lifestyle and genetic information whenever possible, details about relevant comorbidities, and past interventions, and their outcomes;
- Vaccination status, epidemiological data;
- Main symptoms of the patient (chief complaint);
- Case history in chronological order.

### *Explanation:*

- Describe the relevant demographic information of the patient censoring any details that could lead to the patient being identified;
- Include relevant family history (e.g., if family members have similar conditions as the patient), occupational and social history, medication, and allergy;
- Distinguish comorbidities, when they began, whether they are recurring, past and current interventions and their outcomes;
- Vaccination status: does the patient fully, partly vaccinated (write which vaccines he had) according to national schedule or unvaccinated. Epidemiological data include contact with sick persons, travel history;

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Other historical factors may be relevant, such as:

- Perinatal history, such as type of birth, length of pregnancy, if breast-fed, and for how long;
- Genetic information (relevant to the case).
- Provide a clear picture of the patient's condition and presentation, and it is best presented in chronological order with sufficient detail and explanation;
- Start with the current medical condition and primary complaint with detailed history;
- Specify how long symptoms have been present and, if relevant, the frequency, intensity, location, aggravating or alleviating factors.

### **b) Clinical Findings:**

*Explanation:*

- Report relevant data from the physical examination and other significant clinical findings identified at the onset of care;
- If the physical findings are extensive, they may be organized as a summary table or figure.

### **c) Diagnostic Assessment:**

*Explanation:*

- Report relevant results of diagnostic evaluations with the dates they were performed;
- Include laboratory results, radiographic and cardiographic images (relevant to the case);
- Include a brief explanation of the relevant results with reference ranges.

### **d) Treatment:**

*Explanation:*

- Write your own management plan, according to clinical guidelines;
- Specify type of intervention and indicated condition (relevant to the case);
- Pharmaceuticals: (which you consider necessary to prescribe): international nonproprietary name (INN), dosing regimen, and length of intervention;
- For formulations that are administered as volumes of a fluid (e.g., intravenous infusions or oral liquid formulations) state the concentration of the formulation;
- Provide manufacturer and brand names if relevant.

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## e) Follow-Up and Outcomes:

### *Explanation:*

- Discuss the patient's response to treatment, any complications, and the final outcome;
- Report objective and subjective findings throughout the course of care, to track changes in the outcomes of interest;
- Clinician-assessed outcomes could include objective outcome measures, such as laboratory biomarkers, physical findings, and imaging.

## 4. Discussion:

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### *Explanation:*

- Describe the differential diagnosis. Choose 2-3 similar diseases, write about their common features with patient's disease and show what is differences between them;
- Describe the rational of the management approach, including follow-up results and final diagnosis.

## 5. Conclusion:

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### *Explanation:*

- The conclusion section is brief and focuses on the primary lessons learned from the case report;
- Summarize the key takeaways from the case and its relevance to the medical field.

## 6. References:

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### *Explanation:*

- Cite relevant literature that supports your case report (complete citation). The URL of a website is mandatory if you cite a website or a webpage.

## 7. Figures and Tables (optional):

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### *Explanation:*

- Include any relevant images, charts, or tables to enhance understanding;
- Ensure they are well-labeled and referenced in the text.

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- Educational clinical case report is issued during the period of curation of the patient in the department in accordance with these guidelines;
- It should be written in an official business style without the use of colloquial words and phraseological units. When formalizing, only generally accepted abbreviations are allowed;
- Oral presentation of the clinical case should be prepared to discuss during practical class;
- Case report should be printed on A4 sheets on one side. Pages should be numbered and fastened with a paper clip or staple. The document should be in a plastic file;
- Printed case report should be submitted for checking at penultimate lesson;

### **Please follow the styles and formats as shown in below:**

- **Title of the case:** Times New Roman, 18 Bold, Title Case, Centralized alignment.
- **Author(s):** Times New Roman, 14 Bold, Left alignment.
- **Affiliations:** Times New Roman, 14 Normal, Left Alignment.
- **Headings:** Times New Roman, 14 Bold, and Left Alignment.
- **Subheadings or Sub-sub headings:** Times New Roman, 12 Bold, and Left Alignment.
- **Spacing:** Indentation after/before: 0; Spacing after/before: 0, 1.15 line Spacing.
- **Body Text:** Times New Roman, 14 Normal, and Justified.

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Appendix 1. Title page

## **DEPARTMENT OF PEDIATRIC INFECTIOUS DISEASES WITH ADVANCED TRAINING COURSES AND RETRAINING BELARUSSIAN STATE MEDICAL UNIVERSITY**

### **HEAD OF THE DEPARTMENT**

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First Name, Last Name of the Head of the Department, Scientific title

## **A 6-year-old boy with Measles: case report**

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**First Name, Last Name of the Student<sup>1</sup>**

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**First Name, Last Name of the Teacher<sup>2</sup>**

<sup>1</sup> Belarussian State Medical University, Medical Faculty of International Students,  
4<sup>th</sup> course, group 6400

<sup>2</sup> Belarussian State Medical University, Department of Pediatric Infectious  
Diseases with Advanced Training Courses and Retraining

Minsk, 20\_\_