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| Sections | Sub-sections | Item No.  | Description  | Page Number  |
| Title  |  | 1 | The title should contain the term "case report" along with the literature review and primary focus of the study.  |  |
| Abstract | Introduction  | 2a | A brief overview of the significance of the case report, highlighting its contribution to the existing knowledge or clinical practice. |  |
| Case presentation  | 2b | A comprehensive overview of the patient’s main symptoms or chief complaint, clinical findings, diagnoses, interventions, and outcomes.  |  |
| Literature review | 2c | Briefly summarizes relevant background information and existing studies related to the reported case. |  |
| Conclusion  | 2d | A summary of the main takeaways or clinical implications drawn from the case report. |  |
| Keywords |  | 3 | Capture the essence of the case in 4-6 words.  |  |
| Introduction |  | 4 | Should provide background, significance, and objectives of the case report. |  |
| Case presentation | Patient information | 5a | This section should encompass demographic details (e.g., age, gender, ethnicity, occupation), main symptoms (chief complaints), duration of complaints and comprehensive medical, family, and psychosocial history, including diet, lifestyle, surgical intervention, and genetic information.  |  |
| Clinical findings | 5b | This section details relevant physical examination findings and pre-diagnostic assessments.  |  |
| Timeline | 5c | Chronological depiction of significant dates/events related to the case. |  |
| Diagnostic assessment | 5d | Methods used for diagnosis, including laboratory testing, imaging studies, and any challenges encountered during the diagnostic process, should be described. |  |
| Therapeutic interventions | 5e | Details regarding the type of interventions implemented (e.g., pharmacologic, surgical), their administration (e.g., dosage, strength, duration), and any changes made to the intervention, along with the rationale behind them. |  |
| Follow up and outcomes | 5f | Information such as the clinical course of follow-up visits, clinician- and patient-assessed outcomes, important test results, adherence to interventions, tolerability, and any adverse events. |  |
| Discussion  |  |  6 | * Review of relevant medical literature.
* Rationale for conclusions drawn, including assessments of cause and effect.
* Main takeaway message.
* Introducing a review table for summarizing the key findings of the most significant published papers.
* Incorporating a paragraph at the end of the discussion section before the conclusion to highlight any missing important data and investigations.
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| Patient perspective  |  | 7 | The patient's experience, insight, and perception related to his/her condition, diagnosis, treatment, and overall healthcare should be included whenever available and appropriate. |  |
| Informed consent |  | 8 | It should be stated whether the patient provided informed consent for the publication of his/her case. If the patient could not provide the information, provide an explanation, such as in cases where the patient has passed away, the consent should be taken from their next of kin.  |  |
| Additional information |  | 9 | Specify author contributions, acknowledgments, conflicts of interest, funding sources, and ethical approvals; additionally, indicate whether the case has previously been presented at any conference. |  |
| Referencing  |  | 10 | Cite the latest version of CaReL to indicate adherence to its criteria in the method section.  |  |

**CaReL Guideline checklist**