

| Topic | Item No | Checklist item description | Reported on Page Number/Line Number | Reported on Section/Paragraph |
|--------------------------|---------|--|--|-------------------------------|
| Title | 1 | The diagnosis or intervention of primary focus followed by the words “case report” | 1/1-3 | Title page/1 |
| Key Words | 2 | 2 to 5 key words that identify diagnoses or interventions in this case report, including "case report" | 4/55-56 | Abstract and key words/2 |
| Abstract (no references) | 3a | Introduction: What is unique about this case and what does it add to the scientific literature? | 3/34-38 | Abstract and key words/1 |
| | 3b | Main symptoms and/or important clinical findings | 3/47-50 | Abstract and key words/1 |
| | 3c | The main diagnoses, therapeutic interventions, and outcomes | 3/40-47 | Abstract and key words/1 |
| | 3d | Conclusion—What is the main “take-away” lesson(s) from this case? | 3/49-52 | Abstract and key words/1 |
| Introduction | 4 | One or two paragraphs summarizing why this case is unique (may include references) | 4-5/59-84 | Introduction/1-3 |
| Patient Information | 5a | De-identified patient specific information | 5/89 | Case presentation/1 |
| | 5b | Primary concerns and symptoms of the patient | 5/89-90 | Case presentation/1 |
| | 5c | Medical, family, and psycho-social history including relevant genetic information | 7/115-120 | Case presentation/3 |
| | 5d | Relevant past interventions with outcomes | N/A: no relevant past | N/A: no relevant past |
| Clinical Findings | 6 | Describe significant physical examination (PE) and important clinical findings | 5/90, 6/94, 7/115-121, 132-134 | Case presentation/1, 3, 5 |
| Timeline | 7 | Historical and current information from this episode of care organized as a timeline | Figure 2 | Figure 2 |
| Diagnostic Assessment | 8a | Diagnostic testing (such as PE, laboratory testing, imaging, surveys). | 5/90-93, 6/94-97, 7/115-117 | Case presentation/1, 3 |
| | 8b | Diagnostic challenges (such as access to testing, financial, or cultural) | N/A: no related challenges | N/A: no related challenges |
| | 8c | Diagnosis (including other diagnoses considered) | 7/115-117 | Case presentation/3 |
| | 8d | Prognosis (such as staging in oncology) where applicable | 6/96-97 | Case presentation/1 |
| Therapeutic Intervention | 9a | Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care) | 6/94-95, 97, 100-101, 104-106, 109-110, 7/124-128, 134-135 | Case presentation/1-2, 4-5 |
| | 9b | Administration of therapeutic intervention (such as dosage, strength, duration) | 6/101-102, 104-106, 108-110, 7/125, 128, 134-135 | Case presentation/2, 4-5 |
| | 9c | Changes in therapeutic intervention (with rationale) | 6/99-100, 102-104, 107-112, 7/120-123, 126-127, 130-134, 8/136-137 | Case presentation/2, 4-5 |

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| Follow-up and Outcomes | 10a | Clinician and patient-assessed outcomes (if available) | 6/101-103, 106-109, 111-112, 7/125-126, 129, 8/136 | Case presentation/2, 4-5 |
| | 10b | Important follow-up diagnostic and other test results | 6-7/113-120, 132-134, 8/138-146 | Case presentation/3, 5-6 |
| | 10c | Intervention adherence and tolerability (How was this assessed?) | 6/107-109, 8/136-137 | Case presentation/2, 5 |
| | 10d | Adverse and unanticipated events | 8/136-137 | Case presentation/5 |
| Discussion | 11a | A scientific discussion of the strengths AND limitations associated with this case report | 8-9/155-157, 10/193-195, 11/211-218 | Discussion 1, 5 |
| | 11b | Discussion of the relevant medical literature with references | 9/159-163, 164-167, 173-177, 10/187-189, 193-197, 11/198-204 | Discussion 1-4 |
| | 11c | The scientific rationale for any conclusions (including assessment of possible causes) | 9/167-169, 10/177-180, 11/204-208, | Discussion 1-4 |
| | 11d | The primary "take-away" lessons of this case report (without references) in a one paragraph conclusion | 12/221-228 | Conclusion 1 |
| Patient Perspective | 12 | The patient should share their perspective in one to two paragraphs on the treatment(s) they received | N/A: not available | N/A: not available |
| Informed Consent | 13 | Did the patient give informed consent? Please provide if requested | Yes ✓ | No |

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.