| 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”          | Page 1/Line 1-2                   | Title/Paragraph 1             |
| Key Words                            | 2       | 2 to 5 key words that identify diagnoses or interventions in this case report, including "case report" | Page 2/Line 38-39                | Key Words/Paragraph 1         |
| Abstract (no references)             | 3a      | Introduction: What is unique about this case and what does it add to the scientific literature? | Page 2/Line 20-26                | Abstract/Paragraph 1          |
|                                      | 3b      | Main symptoms and/or important clinical findings                                            | Page 2/Line 28-34                | Abstract/Paragraph 2          |
|                                      | 3c      | The main diagnoses, therapeutic interventions, and outcomes                                | Page 2/Line 28-34                | Abstract/Paragraph 2          |
|                                      | 3d      | Conclusion—What is the main “take-away” lesson(s) from this case?                          | Page 2/Line 36-37                | Abstract/Paragraph 3          |
| Introduction                         | 4       | One or two paragraphs summarizing why this case is unique (may include references)         | Page 3-4/Line 42-76              | Introduction/Paragraph       |
| Patient Information                  | 5a      | De-identified patient specific information                                                  | Page 5/Line 86-90                | Case                          |
|                                      | 5b      | Primary concerns and symptoms of the patient                                               | Page 5-6/Line 91-114             | Case                          |
|                                      | 5c      | Medical, family, and psycho-social history including relevant genetic information           | Page 5-6/Line 104-111            | Case                          |
|                                      | 5d      | Relevant past interventions with outcomes                                                   | N/A                              | N/A                           |
| Clinical Findings                    | 6       | Describe significant physical examination (PE) and important clinical findings             | Page 5-6/Line 91-114             | Case                          |
| Timeline                             | 7       | Historical and current information from this episode of care organized as a timeline        | Page 5/Line 90                   | Supplementary Figure 1        |
| Diagnostic Assessment                | 8a      | Diagnostic testing (such as PE, laboratory testing, imaging, surveys).                     | Page 5-6/Line 91-114             | Case                          |
|                                      | 8b      | Diagnostic challenges (such as access to testing, financial, or cultural)                  | N/A                              | N/A                           |
|                                      | 8c      | Diagnosis (including other diagnoses considered)                                           | Page 6/Line 113-114              | Case                          |
|                                      | 8d      | Prognosis (such as staging in oncology) where applicable                                   | Page 6/Line 117-124             | Case                          |
| Therapeutic Intervention             | 9a      | Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care) | Page 5-6/Line 91-92,            | Case                          |
|                                      | 9b      | Administration of therapeutic intervention (such as dosage, strength, duration)             | Page 6/Line 114-124             | Case                          |
|                                      | 9c      | Changes in therapeutic intervention (with rationale)                                       | Page 6/Line 114-124             | Case                          |
| Follow-up and Outcomes | 10a | Clinician and patient-assessed outcomes (if available) | Page 6/Line 117-124 | description/Paragraph 3 |
|------------------------|-----|------------------------------------------------------|---------------------|------------------------|
|                        | 10b | Important follow-up diagnostic and other test results | Page 6/Line 117-119 | description/Paragraph 3 |
|                        | 10c | Intervention adherence and tolerability (How was this assessed?) | N/A | N/A |
|                        | 10d | Adverse and unanticipated events | N/A | N/A |
| Discussion             | 11a | A scientific discussion of the strengths AND limitations associated with this case report | Page 7-8/Line 127-148 | Discussion/Paragraph 1 |
|                        | 11b | Discussion of the relevant medical literature with references | Page 8-9/Line 149-174 | Discussion/Paragraph 2-3 |
|                        | 11c | The scientific rationale for any conclusions (including assessment of possible causes) | Page 9/Line 175-178 | Discussion/Paragraph 4 |
|                        | 11d | The primary “take-away” lessons of this case report (without references) in a one paragraph conclusion | Page 9/Line 175-178 | Discussion/Paragraph 4 |
| Patient Perspective    | 12  | The patient should share their perspective in one to two paragraphs on the treatment(s) they received | Page 9/Line 180-182 | Patient |
| 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.