



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"	Page1/line2-4	Title
Key Words	2	2 to 5 key words that identify diagnoses or interventions in this case report, including "case report"	Page2/line1-2	Key Words
Abstract (Structured summary)	3a	Background: state what is known and unknown; why the case report is unique and what it adds to existing literature.	Page1/line1-3	Abstract/Paragraph1
	3b	Case Description: describe the patient's demographic details, main symptoms, history, important clinical findings, the main diagnosis, interventions, outcomes and follow-ups.	Page1/line3-12 Page2/line1-11	Abstract/Paragraph2 Abstract/Paragraph3
	3c	Conclusions: summarize the main take-away lesson, clinical impact and potential implications.	Page2/line11-14	Abstract/Paragraph1
Introduction	4	One or two paragraphs summarizing why this case is unique (may include references)	Page3/line6-17	Introduction/Paragraph2
Patient Information	5a	De-identified patient specific information	Page3/line19-22	Case presentation/Paragraph1
	5b	Primary concerns and symptoms of the patient	Page4/line4-9	Case presentation/Paragraph1
	5c	Medical, family, and psycho-social history including relevant genetic information	Page3/line28 Page4/line1-4	Case presentation/Paragraph1
	5d	Relevant past interventions with outcomes	Page3/line22-28	Case presentation/Paragraph1
Clinical Findings	6	Describe significant physical examination (PE) and important clinical findings	Page4/line4-9	Case presentation/Paragraph1

Timeline	7	Historical and current information from this episode of care organized as a timeline	N/A	Although the case is a rare disease, the patient has a shorter hospital stay. His whole disease history, development, pathological findings, treatment and prognosis are not complicated, so we didn't show relevant information through timeline diagram.
Diagnostic Assessment	8a	Diagnostic testing (such as PE, laboratory testing, imaging, surveys).	Page4/line11-33 Page5/line1-19	Case presentation/Paragraph1
	8b	Diagnostic challenges (such as access to testing, financial, or cultural)	N/A	The patients did not encounter challenges in all examinations
	8c	Diagnosis (including other diagnoses considered)	Page5/line30-34 Page6/line1-7	Case presentation/Paragraph2
	8d	Prognosis (such as staging in oncology) where applicable	Page5/line14-17	Case presentationn/Paragraph 2
Therapeutic Intervention	9a	Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care)	Page5/line20-23	Case presentation/Paragraph2
	9b	Administration of therapeutic intervention (such as dosage, strength, duration)	Page5/line27-30	Case presentation/Paragraph2
	9c	Changes in therapeutic intervention (with rationale)	Page5/line23-27、 29-30	Case presentation/Paragraph2

Follow-up and Outcomes	10a	Clinician and patient-assessed outcomes (if available)	N/A	We did not assess Clinician and patient
	10b	Important follow-up diagnostic and other test results	Page5/line30-34 Page6/line1-7	Case presentation/Paragraph2
	10c	Intervention adherence and tolerability (How was this assessed?)	N/A	Since this case is a single case, we did not evaluate the intervention and tolerance of the patient
	10d	Adverse and unanticipated events	N/A	The treatment process of the patient was relatively smooth, and there were no adverse and unanticipated events.
Discussion	11a	A scientific discussion of the strengths AND limitations associated with this case report	N/A	As this case is a single case, there are no obvious the strengths and limitations associated with this case report to show.
	11b	Discussion of the relevant medical literature with references	Page6/line15-17 Page6/line15-32 Page7/line28-33	Discussion/Paragraph1 Discussion/Paragraph1 Discussion/Paragraph4
	11c	The scientific rationale for any conclusions (including assessment of possible causes)	Page6/line32 Page7/line1-2 Page7/line18-26 Page7/line33-34 Page8/line1-3	Discussion/Paragraph1 Discussion/Paragraph1 Discussion/Paragraph3 Discussion/Paragraph4 Discussion/Paragraph4
	11d	The primary "take-away" lessons of this case report (without references) in a one paragraph conclusion	Page8/line4-16	Discussion/Paragraph5
Patient Perspective	12	The patient should share their perspective in one to two paragraphs on the treatment(s) they received	N/A	The patient 's treatment process was smooth without obvious complaints, so we did not get the patient 's views on the treatment
Informed Consent	13	Did the patient give informed consent? Please provide if requested	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Article information: <https://dx.doi.org/10.21037/tcr-22-1145>

*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.