

CARE Checklist of information to include when writing a case report

Manuscript: Mast cell-mediated inflammatory hubs drive progressive multi-system pathology: a 22-year case report with therapeutic validation

Topic	Item	Checklist item description	Reported on line
Title	1	The diagnosis or intervention of primary focus followed by the words "case report"	1
Key Words	2	2 to 5 key words that identify diagnoses or interventions in this case report, including "case report"	19
Abstract	3a	Introduction: What is unique about this case and what does it add to the scientific literature?	11
	3b	Main symptoms and/or important clinical findings	13
	3c	The main diagnoses, therapeutic interventions, and outcomes	13, 15
	3d	Conclusion: What is the main "take-away" lesson(s) from this case?	17
Introduction	4	One or two paragraphs summarizing why this case is unique (may include references)	23-31
Patient Information	5a	De-identified patient specific information	37
	5b	Primary concerns and symptoms of the patient	37, 39
	5c	Medical, family, and psycho-social history including relevant genetic information	37, 39
	5d	Relevant past interventions with outcomes	43-45
Clinical Findings	6	Describe significant physical examination (PE) and important clinical findings	37
Timeline	7	Historical and current information from this episode of care organized as a timeline	79-97 (Table 1)
Diagnostic Assessment	8a	Diagnostic testing (such as PE, laboratory testing, imaging, surveys)	37, 39, 57
	8b	Diagnostic challenges (such as access to testing, financial, or cultural)	39, 123
	8c	Diagnosis (including other diagnoses considered)	37, 57
	8d	Prognosis (such as staging in oncology) where applicable	Not applicable
Therapeutic Intervention	9a	Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care)	63, 65, 69, 71
	9b	Administration of therapeutic intervention (such as dosage, strength, duration)	63, 65, 71
	9c	Changes in therapeutic intervention (with rationale)	63-71
Follow-up and Outcomes	10a	Clinician and patient-assessed outcomes (if available)	65, 69, 71
	10b	Important follow-up diagnostic and other test results	57, 71
	10c	Intervention adherence and tolerability (How was this assessed?)	65, 71
	10d	Adverse and unanticipated events	67
Discussion	11a	A scientific discussion of the strengths AND limitations	121-123

		associated with this case report	
	11b	Discussion of the relevant medical literature with references	103, 107, 111, 115
	11c	The scientific rationale for any conclusions (including assessment of possible causes)	103-119
	11d	The primary "take-away" lessons of this case report (without references) in a one paragraph conclusion	127
Patient Perspective	12	The patient should share their perspective in one to two paragraphs on the treatment(s) they received	131-135
Informed Consent	13	Did the patient give informed consent? Please provide if requested	Yes (line 145)