



Topic	Item	Checklist item description	Reported on Line
Title	1	The diagnosis or intervention of primary focus followed by the words “case report”	Yes
Key Words	2	2 to 5 key words that identify diagnoses or interventions in this case report, including "case report"	Yes
Abstract (no references)	3a	Introduction: What is unique about this case and what does it add to the scientific literature?	IgG4-related diseases cause aortic valve insufficiency
	3b	Main symptoms and/or important clinical findings	shortness of breath and tightness in his chest
	3c	The main diagnoses, therapeutic interventions, and outcomes	Line7-11 in the text
	3d	Conclusion—What is the main “take-away” lesson(s) from this case?	Line12-14 in the text
Introduction	4	One or two paragraphs summarizing why this case is unique (may include references)	Line94-96 in the text
Patient Information	5a	De-identified patient specific information.	NO
	5b	Primary concerns and symptoms of the patient.	Line32-33 in the text
	5c	Medical, family, and psycho-social history including relevant genetic information	Line35-36in the text
	5d	Relevant past interventions with outcomes	
Clinical Findings	6	Describe significant physical examination (PE) and important clinical findings.	Line35-45 in the text
Timeline	7	Historical and current information from this episode of care organized as a timeline	Yes
Diagnostic Assessment	8a	Diagnostic testing (such as PE, laboratory testing, imaging, surveys).	Imaging examination, serological examination, and pathological examination
	8b	Diagnostic challenges (such as access to testing, financial, or cultural)	
	8c	Diagnosis (including other diagnoses considered)	IgG4- related diseases
	8d	Prognosis (such as staging in oncology) where applicable	Fine
Therapeutic Intervention	9a	Types of therapeutic intervention (such as pharmacologic, surgical, preventive, self-care)	surgical and pharmacologic
	9b	Administration of therapeutic intervention (such as dosage, strength, duration)	methylprednisolone, 16mg orally once a day
	9c	Changes in therapeutic intervention (with rationale)	NO
Follow-up and Outcomes	10a	Clinician and patient-assessed outcomes (if available)	NO
	10b	Important follow-up diagnostic and other test results	line79-81 in the text
	10c	Intervention adherence and tolerability (How was this assessed?)	NO
	10d	Adverse and unanticipated events	NO
Discussion	11a	A scientific discussion of the strengths AND limitations associated with this case report	Line97-99 in the text
	11b	Discussion of the relevant medical literature with references .	Line91-94 in the text
	11c	The scientific rationale for any conclusions (including assessment of possible causes)	NO
	11d	The primary “take-away” lessons of this case report (without references) in a one paragraph conclusion	Line111-114 in the text
Patient Perspective	12	The patient should share their perspective in one to two paragraphs on the treatment(s) they received	NO
Informed Consent	13	Did the patient give informed consent? Please provide if requested	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>