

# Management considerations for the obstetric patient with Takayasu's arteritis

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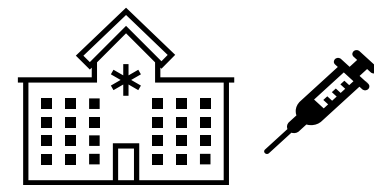
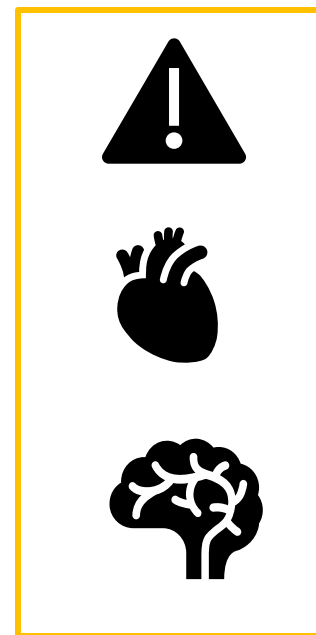
Department of Anesthesiology

## Introduction

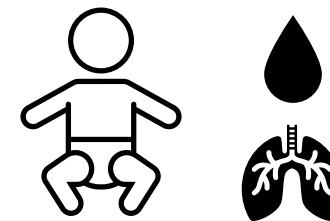
Takayasu's arteritis (TAK) is a large vessel vasculitis that classically affects women of childbearing age. It affects the aorta and its branch arteries.

## Clinical Case

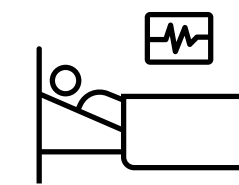
31 year-old G2P0 at 30w6d with a history of TAK presenting with severe range blood pressure from clinic.



HOD 0



HOD 1: Delivery

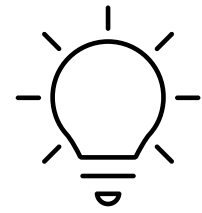


HOD 1-4: ICU

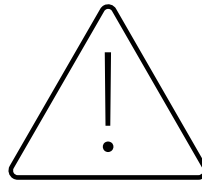
- Spinal: bupivacaine 7.5mg + fentanyl 15ug + morphine 150ug
- Epidural: lidocaine 2% 5mL



## Discussion



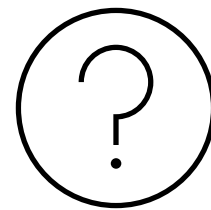
Vascular dissections and stenosis



Aortic regurgitation



Narrow blood pressure therapeutic window



Non-invasive blood pressure measurement

1. Kerr et al. Ann Intern Med 1994;120:919–929.
2. Jennette et al. Arthritis Rheum. 2013;65(1):1-11.
3. Matsuura et al. Circulation. 2005 13;112(24):3707-12.
4. Comarmond et al. Semin Arthritis Rheum. 2020 ;50(5):911-914.