



Case I

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49/F

■ C.C : transient left leg weakness (G IV)

- Onset : 2 weeks ago
- Duration : 2 hours

- Migraine (+)
- Smoking (+)
- Family history (+)

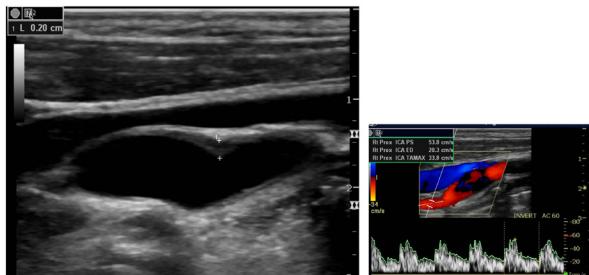
Diffusion MRI



Right ACA territory
ischemic change

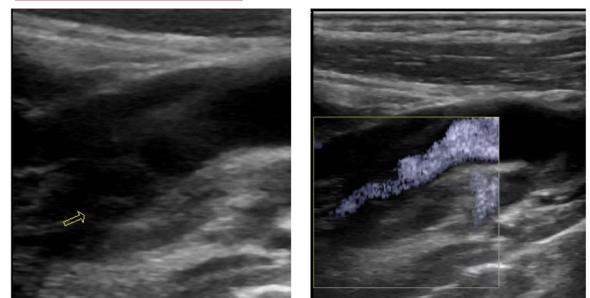
Carotid duplex sonography

Right ICA bulb



Carotid duplex sonography

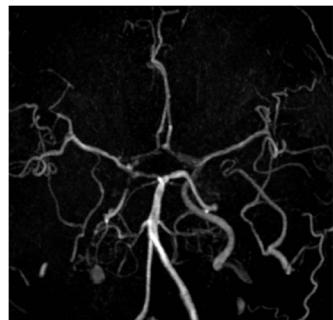
Left proximal ICA



What is your opinion ?

- Young female without vascular risk factors
- Small right ACA territory infarction
- Hypoechoic, homogenous material in left proximal ICA
- **Cardioembolic thrombi ?**
- **Atherosclerotic plaque ?**
- **Hematoma ?**

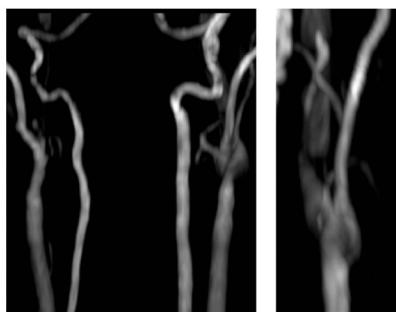
Brain MRA



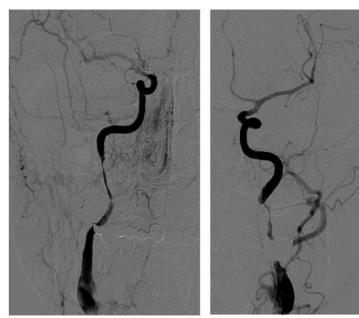
Right distal ICA flow (-)

Brain MRA

Right proximal ICA flow (-)
Left proximal ICA irregular stenosis

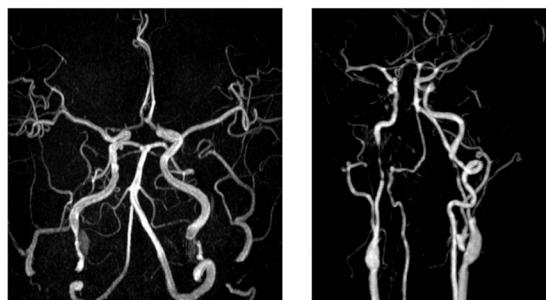


TFCA



Bilateral distal cervical ICAs
Long-segment irregular narrowing

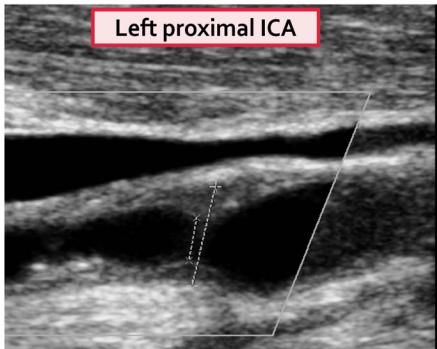
Follow up brain MRA



Diagnosis

- Spontaneous bilateral carotid artery dissections with right ACA infarction in young female
- Aspirin, clopidogrel

Follow up (10 days later)



Ultrasonographic findings

- Several-day-old intramural hematoma associated with spontaneous carotid artery dissection