Patient presents with or reports neurological symptoms

Cognitive decline, worsening school or work performance. Risk of prior silent infarcts.

- Full neurological history and exam.
- Consider referral to neurology, neuropsych testing, and sickle cell provider.
- Consider need for learning evaluation/Individualized Education Plan for children.

Headache. Risk of moyamoya.

- Evaluate as you would for general population, but consider referral to sickle cell provider for evaluation, if symptoms are severe or persist.

Acute focal neurological deficits, change in mental status, weakness, slurred speech, severe headaches, seizures. Risk of acute stroke.

- Immediate evaluation, stabilization, and treatment in an emergency facility, including a CT scan.
- Exchange transfusion, not t-PA, treatment of choice for sickle cell patients with stroke.

Risk of prior silent infarcts.

Risk of moyamoya.

Risk of acute stroke.