Management of Symptomatic Intracranial Bleeding after Intravenous Alteplase

Suspension of ICH
• neurologic deterioration
• new headache
• acute hypertension
• nausea and vomiting

Yes

Hold alteplase infusion and contact neurology team

STAT blood draw:
PT, PTT, Platelet count, fibrinogen and type and cross

STAT transfusion:
Prepare for administration of:
10 units of cryoprecipitate

STAT imaging:
Head CT scan (non-contrast)

Intracranial hemorrhage present?

End transfusion process

No

Consult neurosurgery and alert to intracranial hemorrhage

Yes

Administer 10 units of cryoprecipitate

If available, consult hematologist

Consider tranexamic acid
1 g intravenous over 10 minutes, followed by 1 g IV over 8 hours until bleeding is controlled

Optimize supportive therapy including blood pressure, intracranial pressure, cerebral perfusion pressure, temperature, and blood glucose

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