

Investigations sinus venous thrombosis childhood and neonatal

(Level 1: to be done in any child; Level 2 and 3: in special indication)

Imaging

Level 1 testing: MR imaging and MR angiography
(including venogram, including contrast for search of ENT infection!)

Level 2 testing: vascular sonography

Laboratory investigations

Haematology:

Level 1 testing: Bloodcount* including red and white parameter, platelets, ferritin
Level 2 testing: electrophoresis haemoglobin

Dehydration: haematocrite, Na, K, Cl.

Infections:

Level 1 testing, in emergency: Bloodcount*, CRP, BSR* and serology for borreliosis
Level 2 testing: blood cultures, further serologies

Coagulopathies:

Level 1 testing, in emergency: Quick/INR, aPTT, fibrinogen
Level 1 testing, in the course: factor V (Leiden) and prothrombin mutations,
homocystein, lipoprotein A, factor VIII, MTHRF mutation,
protein C**, protein S**

Vasculitis screening:

Level 1 testing, during hospitalisation: BSR*, aPTT, Anticardiolipid-antibodies
Level 2 testing: ANA, Lupus anticoagulans, ANCA, C3, C4,
other immunological tests for neonatal SVT
Level 2 testing mother: Quick, aPTT, Anticardiolipid-antibodies, ANA, LA
Level 3 testing mother: ANCA, C3, C4, other immunological tests

Metabolic screening:

Level 1 testing, within first days: lactate, ammonium, AA and OA in urine
Level 1 testing, during hospitalization: lipid profile, homocystein
Level 2 testing: transferring electrophoresis, carnitine profile, sulphite test in urine

On special indication: drug screening

Cerebrospinal fluid (**Cave:** only on special indication):

Level 1 testing: Opening pressure, cells, glucose, protein, lactate, Glucose ratio
Level 2 testing: further infectiological investigations

* tests indicated for more than one indication

** **Cave:** only to perform 6-12 weeks after the acute event