

51st ANNUAL DIAGNOSTIC SLIDE SESSION 2010

CASE 2010-7

Submitted by: M. Shahriar Salamat, MD, PhD, Bob Corliss MD
Department of Pathology and Laboratory Medicine,
University of Wisconsin Hospital and Clinics,
C7/350 CSC, 600 Highland Ave
Madison, WI

Sara Zydowicz, DO,
251 East Huron St
Department of Pathology Galter 216A
Chicago, IL 60611

Clinical History:

A 3.5-year-old, previously healthy girl, who had a sudden episode of unresponsiveness, witnessed by her mother. Imaging studies of the still unresponsive child revealed severe, bilateral pulmonary edema (flash edema) and diffuse anoxic brain injury. Aggressive resuscitative efforts were unsuccessful and she was pronounced dead.

Autopsy findings:

External exam was unremarkable. Internal examination of the head revealed diffuse basilar subarachnoid blood originating from a collapsed 2 cm irregular basilar artery aneurysm arising at the junction with the vertebral arteries. Additionally, multiple calcified subpleural, parenchymal and hilar nodal pulmonary granulomas were identified.

Material submitted: Digital images: 1) Gross image of lesion; 2) aneurysm, 4X H&E and Trichrome; 3) wall of aneurysm, 20X H&E; 4) wall of aneurysm, 20X Trichrome

(Virtual images posted on AANP-DSS web site)

Points for discussion:

Diagnosis
Pathogenesis