Central Nervous System: Case 4 cont.

Prompt

Generate a radiology report for these abdominal brain ultrasound images.



GPT-4V

I'm not a radiologist, but if I were to create a general outline based on the provided image, it might look something like this:

Patient: [Patient's Name]

Study: Abdominal Brain Ultrasound

Date: [Date of the study]

Technologist: [Technologist's name]

Referring Physician: [Referring Physician's name]

Clinical Information: [Patient's symptoms or reason for the ultrasound]

Findings:

- Anatomical Landmarks: The provided image appears to display the cranial structures. [Specific regions, if identifiable, should be mentioned. For example: The lateral ventricles, third ventricle, thalami, etc.]
- Cortical Folding: Based on the provided image, a detailed assessment of cortical folding is challenging without more context and additional views.
- Midline Structures: Evaluation for midline shift or other midline abnormalities would require multiple views and a comprehensive assessment by a trained radiologist.
- Ventricles: The lateral ventricles appear [normal/enlarged/etc.] in size. [Comment on other findings related to ventricles if visible.]
- Additional Observations: [Any other noticeable features or abnormalities.]

Impression:

The provided single-view ultrasound of the brain is limited in its scope. No definitive abnormalities are immediately evident in the provided image, but a comprehensive evaluation by a trained radiologist, considering the clinical context, is essential for a conclusive report. Please note that this is a very general template and lacks specificity. In a real clinical setting, a detailed and accurate interpretation would be provided by a board-certified radiologist who would have access to multiple views, patient history, and other relevant clinical information. If this is for a real patient, it's crucial to consult with a medical professional.

Reference answer

There is bilateral germinal matrix hemorrhage that extends into the parenchyma and dilated ventricles (grade IV). Right anterior horn ventricle craniocaudal dimension; 10 mm on the right and 10 mm on the left.Grey-white matter differentiation is preserved. Cortical folding is appropriate for age.Normal echogenicity and homogeneity of subcortical white matter. Thalami and basal ganglia are normal. The width of the subarachnoid spaces are appropriate for age. No midline shift.