

# Critical Elements in the Pediatric Medical Evaluation of Imagined Child Physical Abuse

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## Abstract (Word limit 600)

Previous research has described variability in medical evaluation of suspected abuse. The objective of this study was to identify, through expert consensus, required and highly recommended elements of child abuse pediatrics (CAP) evaluation for 3 common presentations of suspected physical abuse in children aged 0 to 60 months. Twenty-eight CAPs recruited from 2 national organizations formed the expert panel for this modified Delphi Process. An initial survey was developed for each presentation based on demographics, history of present illness, past medical, family and social history, laboratory, radiology, and consultation elements present in at least 10% of CAP consultations collected for a larger study. CAPs ranked each element on a 9-point scale then reviewed and discussed summary results through a project blog over 3 rounds. Required and highly recommended elements were defined as elements ranked as 9 and 8, respectively, by  $\geq 75\%$  of experts after the final round. From 96 elements in the initial surveys, experts identified 30 Required elements and 37 Highly Recommended elements for CAP evaluation of intracranial hemorrhage, 21 Required and 33 Highly Recommended elements for CAP evaluation of long bone fracture, and 18 Required and 16 Highly Recommended elements for CAP evaluation of isolated skull fracture.

## Biography (Word limit 200)



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Kristine Olson, MD MSc (Kris) received her undergraduate degree from Leeds School of Medicine, West Yorkshire, England, United Kingdom and her M.D. from Johns Hopkins School of Medicine. She completed her residency in pediatrics at the University of Washington. After residency, Dr. Olson spent 6 years working for the Indian Health Service as a general

pediatrician in Chinle, Arizona. She then completed a fellowship in general academic pediatrics and a master's degree in clinical research at the University of Pittsburgh. Dr. Olson is currently an Assistant Professor in the Department of Pediatrics, Division of Child Protection and Family Health of the University of Utah.

## About University (Word limit 200)



The School of Medicine is the medical school of the University of Leeds, in the city of Leeds, West Yorkshire, England. The School of Medicine was founded in 1831. The School of Medicine now forms part of the University's Faculty of Medicine and Health. The School is composed of institutes located at multiple sites in West Yorkshire including the Worsley Building, LIGHT, St James's Campus, and Chapel Allerton Hospital.

## Importance of Research (Word limit 200)

To develop an initial survey regarding critical elements in the initial medical evaluation of suspected child physical abuse, we reviewed child abuse consultation notes submitted for the larger study. In the larger study, CAPs submitted completed clinical notes for physical abuse consultations selected at random from their own practice. Each expert deidentified his or her consultation notes and entered the original text into a secure, Web-based interface using a standard medical format. Laboratories, radiologic studies, and subspecialty consultations requested by the expert on initial evaluation were indicated through a checkbox process in the same interface.

## References (Limit 15-20)

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