

A Novel Training Technique:

# Use of Deliberate Practice to Distinguish between Inflicted and Accidental Burns and Bruises

Deliberate Practice

- A skill training method in which during the practice of a skill the learner is given directed real-time feedback



# The Problem: Child Abuse Recognition

- Most children who are abused and neglected have prior medical encounters before detection of abuse
- Often there are sentinel injuries: burns, bruises, oral injuries
- Medical providers report that they are ***uncomfortable in diagnosing and treating*** child abuse
- Training requirements are ***minimal*** creating more challenges for mandatory reporters



# Methods

- Created a casebank from real patients seen at Colorado hospitals with cutaneous injury
- Created electronic module with vignettes and images during which the learner submits an answer regarding need to notify social services



# Module: Recognizing Abuse

Review each case and indicate whether the injuries should be reported to social services

Case: Vomiting

Progress

86/123

6 week old infant male who presents for vomiting. Mom states his older brother has been sick at home. Mom says he is normally a good feeder. She is also worried about the rash on his hands and abdomen. Is this injury concerning for abuse? As a mandated reporter, would you report this injury to social services?

A: Yes

B: No

> Submit



[Website](http://identifychildabuse.org)

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# Results

- Learners became much more accurate in identifying both abuse and accidental trauma in the last 30 cases than in the first thirty presented. (Total 114 cases presented.)

# Next Steps

- Address feedback from pilot group
- Use among different medical professions



# Website

- [www.identifychildabuse.org](http://www.identifychildabuse.org)