



Alternate Light Source Photography: Basic Understanding of Emerging Science for Use in Medico-Legal Settings

When: April 24, 2024 from 12:00PM-1:00PM

Where: Zoom

Summary: This presentation reviews bruising as a medical condition and the use of Alternate Light Source photography and technology to improve injury assessment. A summary of current evidence-based research into ALS photography and its current validity and testimonial value will be discussed.

Highlights of this presentation include:

- Science associated with Alternate Light Source photography.
- Bruising as well as timing and dating of injuries.
- Mimics and false positives/negatives associated with ALS use.
- Goals for future ALS research.
- Goals for knowledgeable medical experts related to bruising and ALS testimony.
- Case studies and sample cross exam questions for opposing expert witness related to ALS.

Eligibility: Only open to attorneys who are eligible to receive MCILS case assignments.

Registration: Register [here](#).

CLE Credits: Approved for 1 hour of MCILS CLE credit. Pending approval by the Maine Board of Overseers for 1 hour of CLE credit.

Questions? Contact Darcy Fisher at darcy.fisher@maine.gov.

Faculty Biographical Information:

Katherine Thornton | BSN, RN, EMT Forensic Nurse

A graduate from the University of Iowa School of Nursing, Kat has been in practice since 1987 with a critical care focus in Adult, Pediatric and Neonatal nursing. Kat has extensive background in trauma, emergency medicine and pre-hospital medical care. Her clinical specialty in Emergency and Trauma care as an air medical flight nurse spans almost 20 years and also includes pre-hospital 911 metropolitan ground emergency response. Kat has instructed Nursing, Paramedic and EMT students and managed a full-service line of Maternity Nurse practitioners for a busy home health care agency. She sits on the Advisory Boards for several state and college level institutions and is active in chairing advanced and basic level conferences and medical seminars throughout the state of Iowa. Kat's continuing education coursework includes a heavy emphasis on traumatic injury and forensic topics. She has held national certifications in Flight Nursing, Emergency Nursing and is taking classes in the Certificate in Forensic Nursing program from the University of California in Riverside.

Kat's current position is EMS coordinator within one of the largest health systems in the country, where she ensures bi-directional flow of quality patient care outcomes across the spectrum from pre-hospital transport to inpatient hospitalization. Kat's credibility as a Forensic Nurse Expert is strengthened by her clinical expertise across all age groups and medical subspecialties as well as her extensive work with medical charts and peer review.

Along with a love of travel, Kat is an MLB fan, gardener, and lake time enthusiast.