Project Poster Proposal for *MCBK 2020* Conference

Poster Title:

Identification & Care Coordination of Child Sex Trafficking (CST) Victims in the Emergency Department-Using BPM+ to Translate Knowledge into Clinical Decision Support

Authors:

Ruben Medalla, BSN, RN
    Tallahassee, FL
    Duke University School of Nursing –MSN Informatics (expected: August 2020)
    Ruben.Medalla@duke.edu
Alison Lieb, BS, BSN, RN
    Honolulu, HI
    Duke University School of Nursing –MSN Informatics (expected: August 2020)
    Alison.Lieb@duke.edu
Katherine Ariano, BA, BSN, RN, CEN, SANE-A, SANE-P
    Durham, NC
    Duke University School of Nursing –MSN Informatics (expected: August 2020)
    Katherine.Ariano@duke.edu
Rachel Richesson, PhD, MPH, FACMI
    Durham, NC
    Associate Professor, Division of Clinical Systems & Analytics
    Duke University School of Nursing
    Associate Director for Research
    Duke Center for Health Informatics
    Editor, Clinical Research Informatics (Springer, 2019)
    Rachel.Richesson@dm.duke.edu
Anna Orlova, PhD
    Boston, MA
    Health Informatics and Analytics Program
    Department of Public Health & Community Medicine
    School of Medicine, Tufts University
    Anna.Orlova@tufts.edu
Lee Wise, MS RHIA CHCO
    Richlands, VA
    Director, Health Information Management and Privacy Officer
    Lee.Wise@lptn.net; leewise2008@hotmail.com
Ann M. Nguyen, PMP, BPMN, Lean Six Sigma Black Belt, MS
    Lexington, KY
    University of Kentucky Healthcare Enterprise
    amng222@uky.edu; anh.projectmanager@outlook.com

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Classification:

Types of Computable Biomedical Knowledge (CBK): Computable guidelines

Abstract:

This poster presentation is relevant to clinicians working in an Emergency Department (ED) serving pediatric populations. It is an active project that focuses on the identification, screening and care coordination for Child Sex Trafficking (CST) victims. CST is pervasive and elusive. The intersection with healthcare presents an opportunity for victim identification and may be the only chance for clinical staff to help. Computable biomedical knowledge, in the form of guideline-based clinical decision support integrated into the electronic health record (EHR) systems, can assist clinicians in identifying patients needing screening for trafficking, and prompting care coordination between a multidisciplinary healthcare team and community partners. This poster describes the use of the Business Process Management Plus (BPM+) Health standards (https://www.bpm-plus.org/) to model clinical pathways for any ED visit. This representation is computable and can be adopted/edit/extended by health care organizations. The BPM+ standard and our examples illustrate how computable knowledge can be represented and activated in both "ideal" and actual clinical workflows. This work enables national advocates to effectively disseminate their knowledge in the form of automated CDS to identify and assist potential CST victims presenting to the ED, ultimately mobilizing, knowledge and technology at the crossroads of patient care to combat this crime.