Rural Nepal health surveillance and care delivery: a community health case study
Laura Lynch1, Kimberly Pham2, Yvonne Lee3, Simon Jones4, Allison Squires5
1. University of Colorado, RN-BSN  2. Stanford University, BA  3. Stanford University, BA  4. New York University, PhD, MSc  5. New York University, PhD, RN, FAAN

Methods
- Secondary data was coded from the 2013 and 2014 Stanford Nepal Medical Project medical camp health assessments (n=624)
- Handwritten health encounter cards with self-reported qualitative data were categorized into National Institutes of Health disease categories
- Results analyzed with REDCap for prevalence of chief complaints and assessments

Findings
- People sought treatment most often for chronic musculoskeletal disorders which was not included in the top-ten complaints from the Nepal Ministry of Health and Population
- Only five of the top ten local health complaints corresponded with leading complaints (top ten) listed in the national data.
- Eye complaints were a significant concern for the population yet not mentioned as a complaint at the national level
- Physician assessments were compared to national (Nepal Ministry of Health and Population annual report) and international (Institute for Health Metrics and Evaluation disability adjusted life year for Nepal) data
- Eye disorders did not appear in national assessment data and were an insignificant assessment from the international view
- Chemically-induced disorders was another local outlier

Assessment Disparities: Local, National, and International

Conclusions
- Health assessment cards are filled out by bachelor and post bachelor students who have been trained to collect the data but do not have formal work experience in health care. The students write the chief complaints and preliminary review of systems and then annotate further assessment and treatment information from the medical doctor
- Peak Promotion guides provided translation services during the medical camp. The guides are not professional interpreters
- The PI generalized the medical assessments into the MeSH category system. There is some subjectivity within the system that would permit items to belong in multiple groups. The PI, who is matriculated in a bachelor's nursing program, used her discretion to assign categories

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