

Virika Hospital: Results and Reflections

Chris Grondin
Peter McDonnell

Claire Tanager
Kevin Tanager

28 Apr 2016

Part One:
Caesarean section
decision to incision time

Claire Tanager

NICE 2011 C/S Guidelines

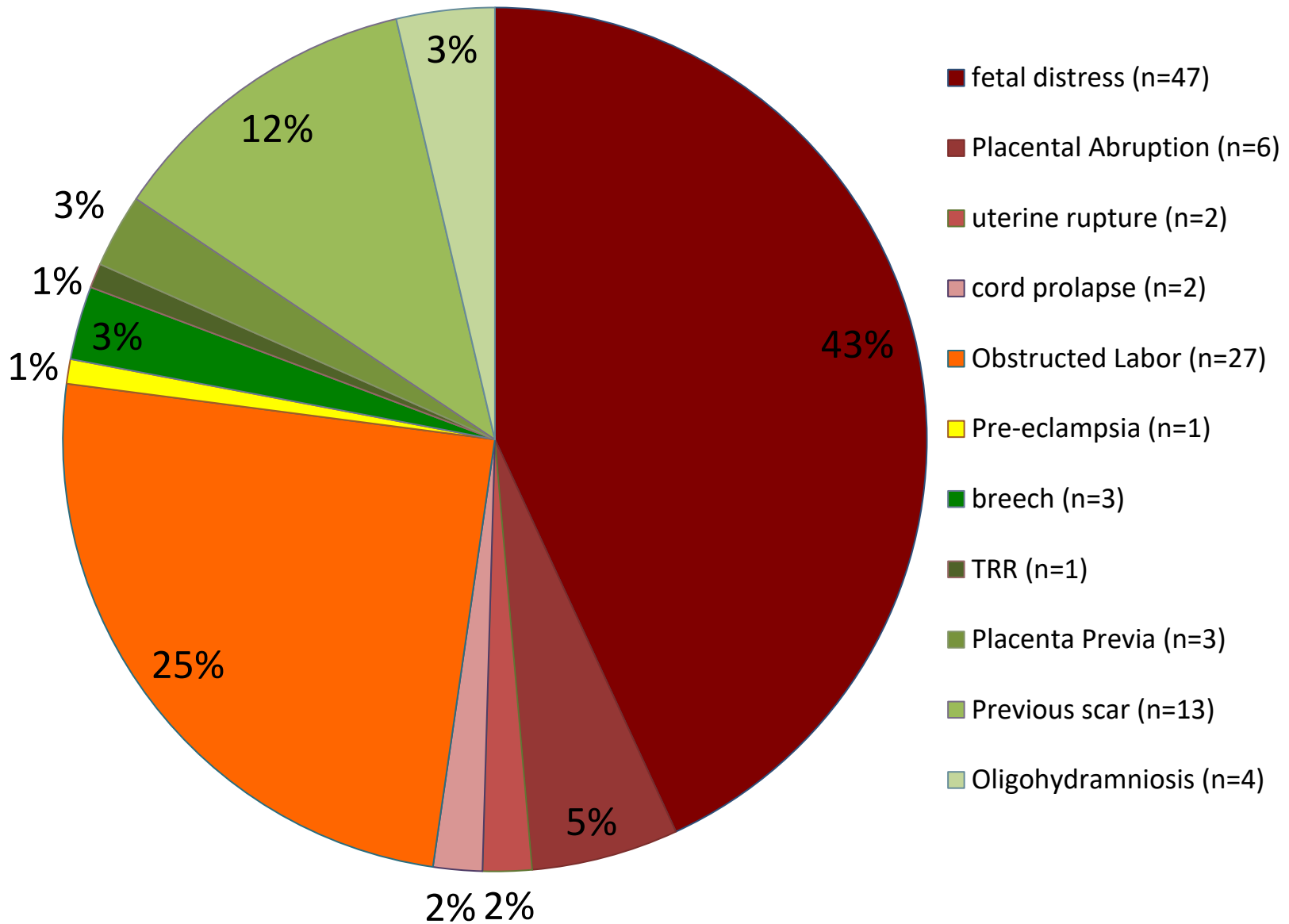
- National Institute for Health and Care Excellence (UK)
- Established indication categories for urgency of C/S

1	Immediate threat to the life of the woman or fetus	Under 30 minutes	Fetal distress, Placental abruption, cord prolapse, uterine rupture
2	Maternal or fetal compromise which was not immediately life-threatening	Under 75 Minutes	Failure to progress with maternal or fetal compromise
3	No maternal or fetal compromise but needs early delivery	Within Day	Severe Pre-eclampsia, failed induction of labor
4	Delivery timed to suit woman or staff	Elective	Breech, maternal HIV, previous scar, Placenta Previa

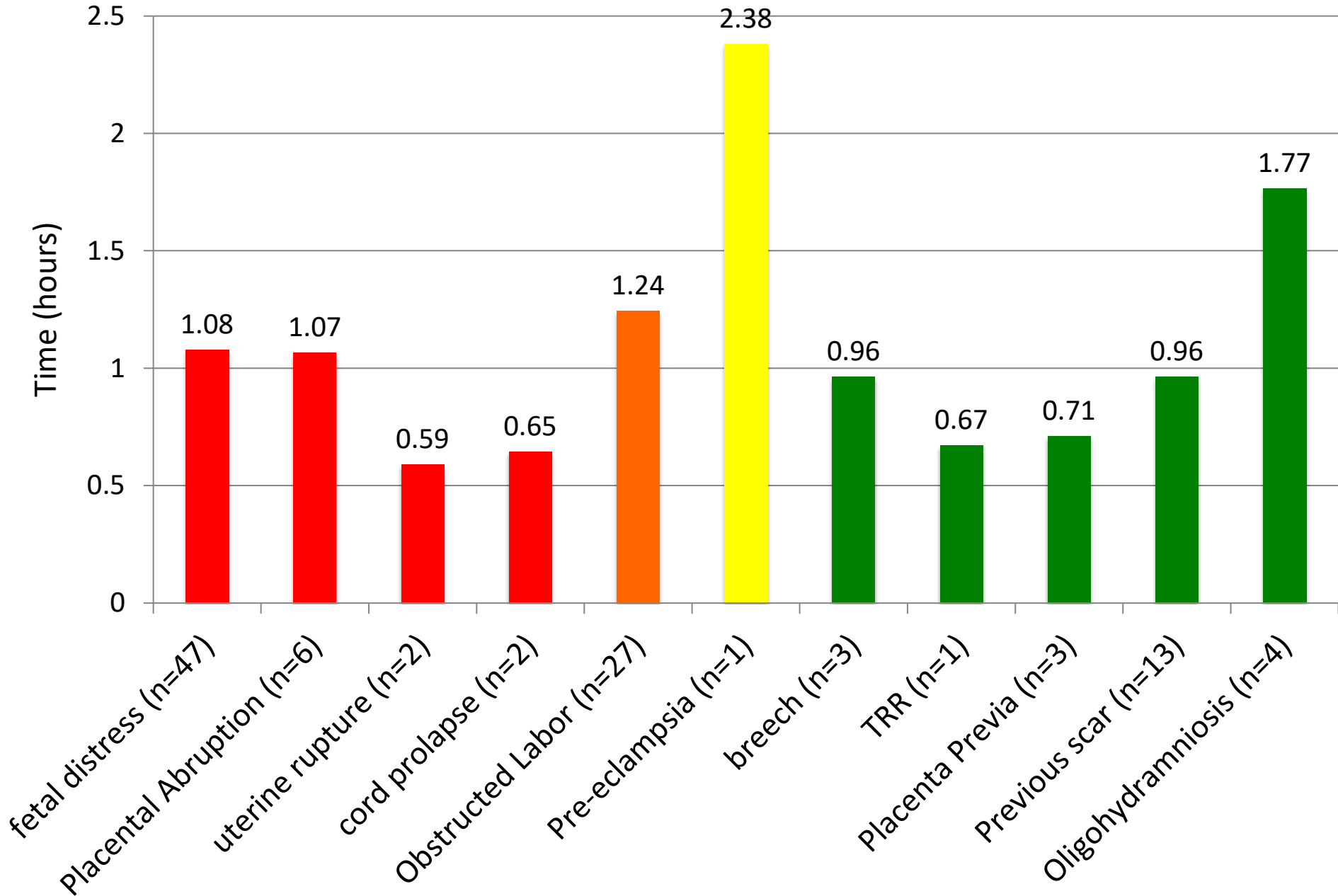
Methods

- Chart Review of Maternity Ward January through March, 2016
- Gather: date, indication, time of decision, time of C/S delivery, APGAR and weight of baby, outcomes of mother and baby, referrals
- Take most urgent indication for categorization when multiple indications
- Analyze results

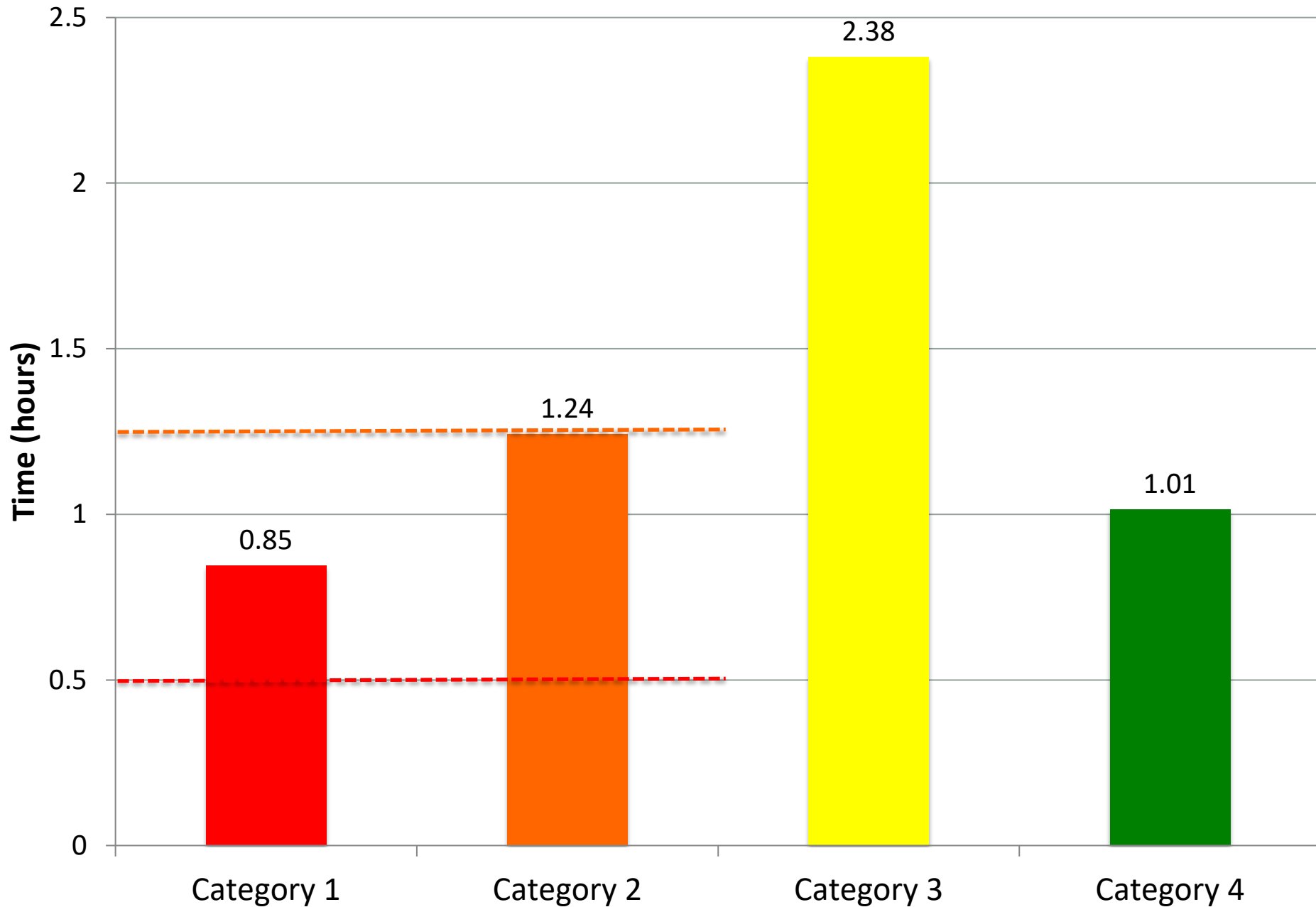
Percentage of indications



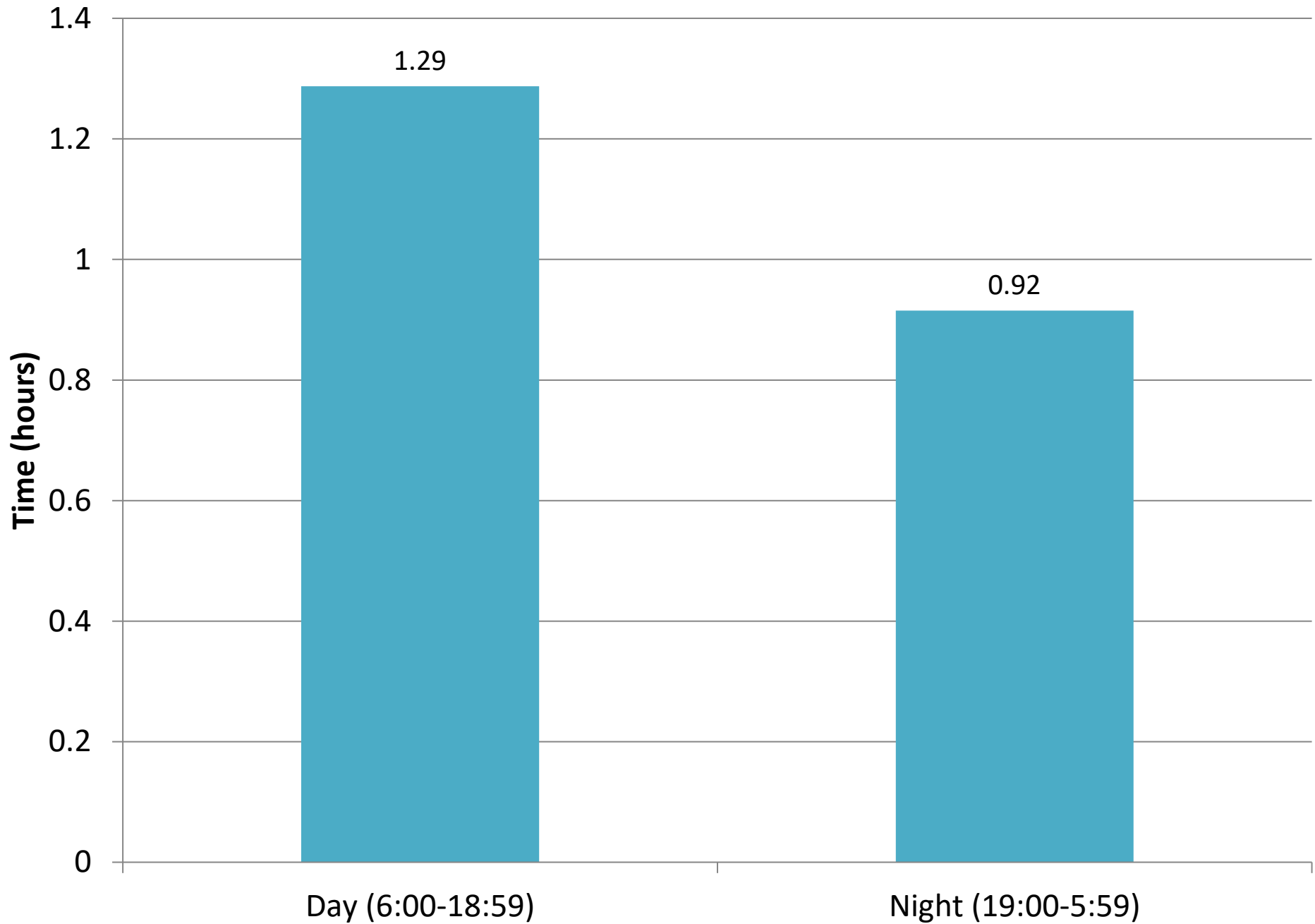
Average time to incision by indication



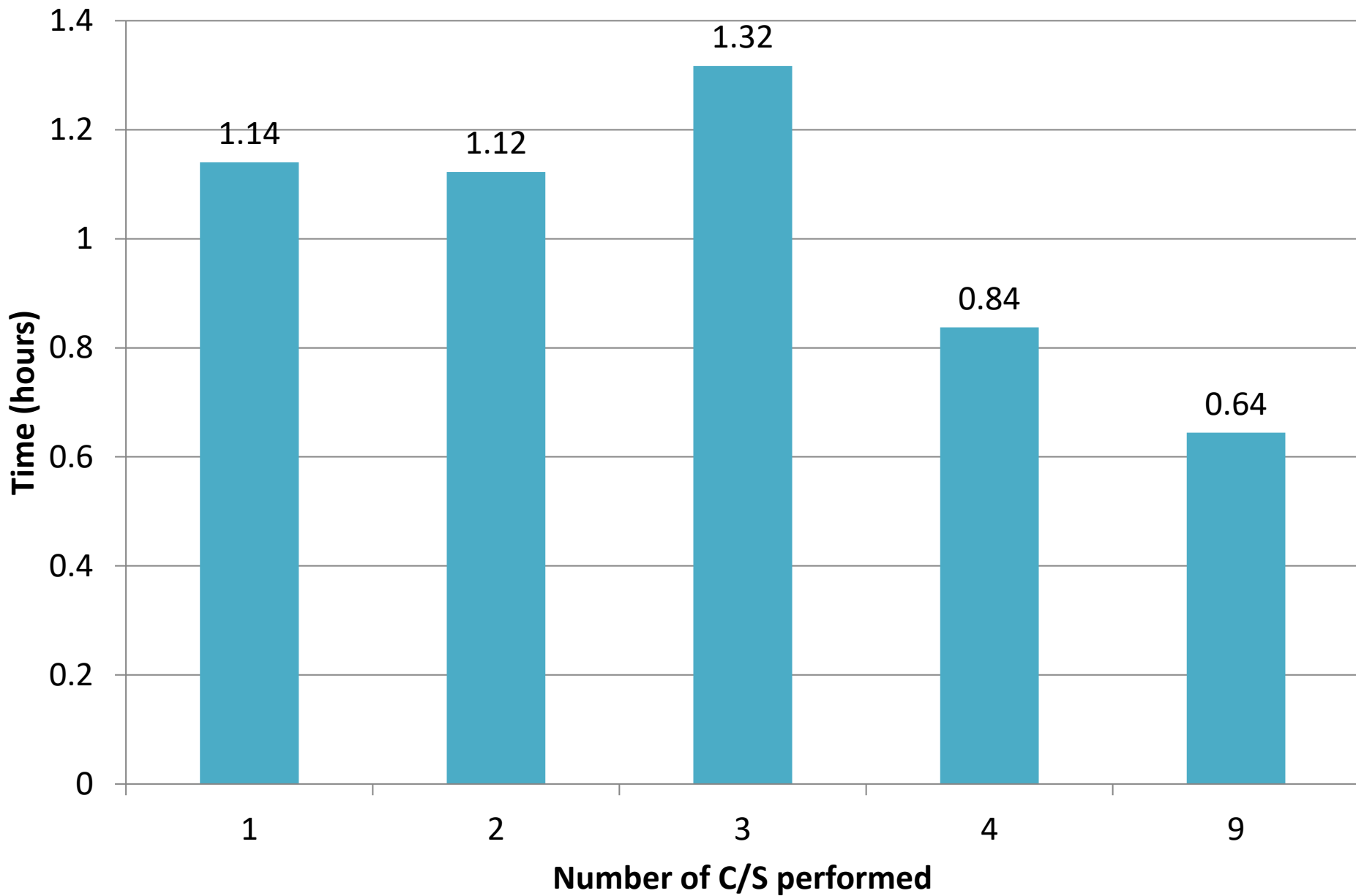
Average time to incision by Category



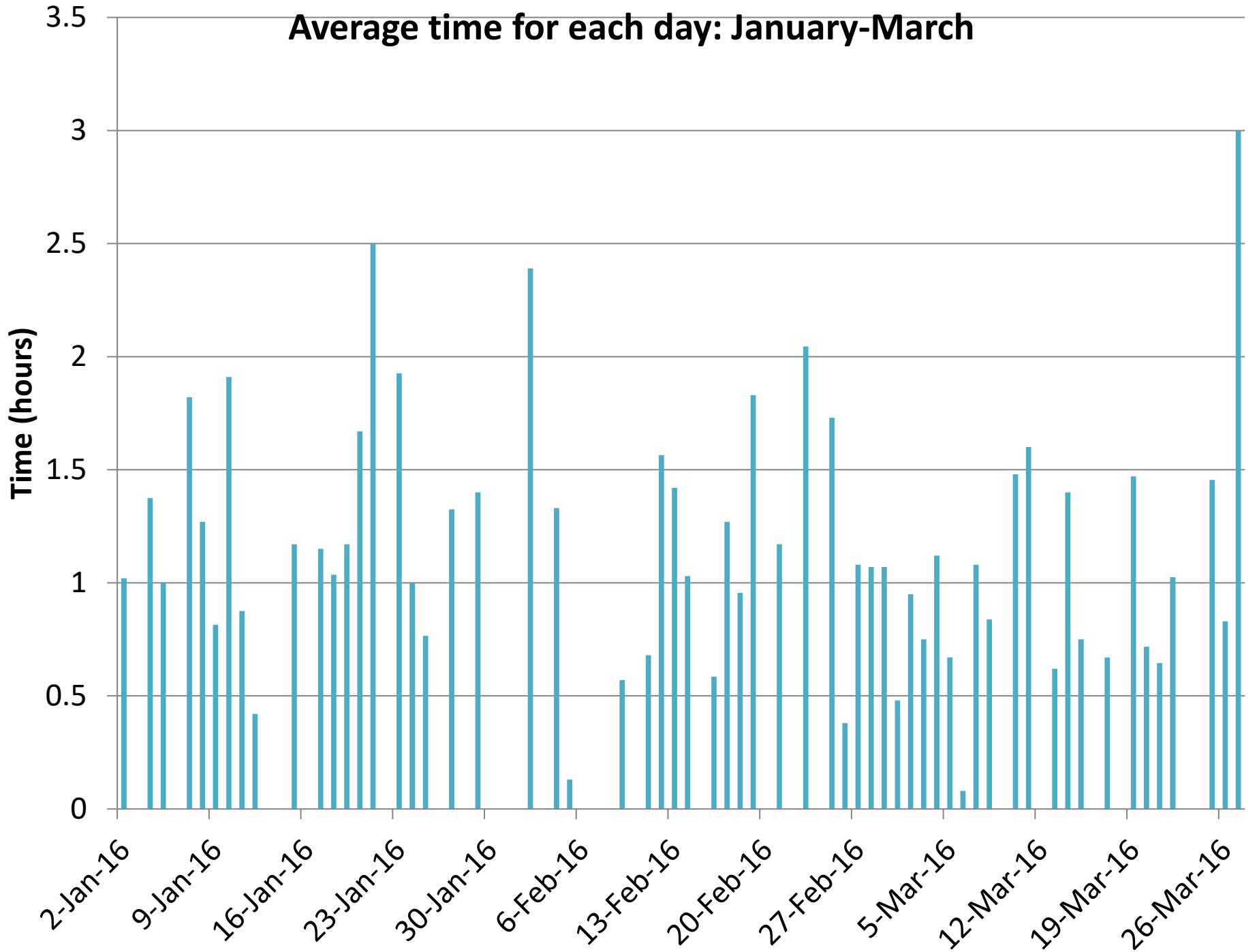
Average time to incision by night and day



Average time to incision by number of C/S performed in the day



Average time for each day: January-March



Conclusions

- Average Category 1 time is 51 minutes, which is 21 minutes over recommended time (NICE).
 - However, reported fetal distress may not always be severe, especially given generally good APGAR scores
 - Could be reclassified as Category 2?
- All other categories are within recommended time

Future Directions

- Look at reported fetal distress and assess severity from fetal monitoring chart (FHR trends, etc)
- Repeat project for 1 year data collection
- Look at which Doctors were on duty for which days, and look at handoff times

Part Two: Reflections

Chris Grondin

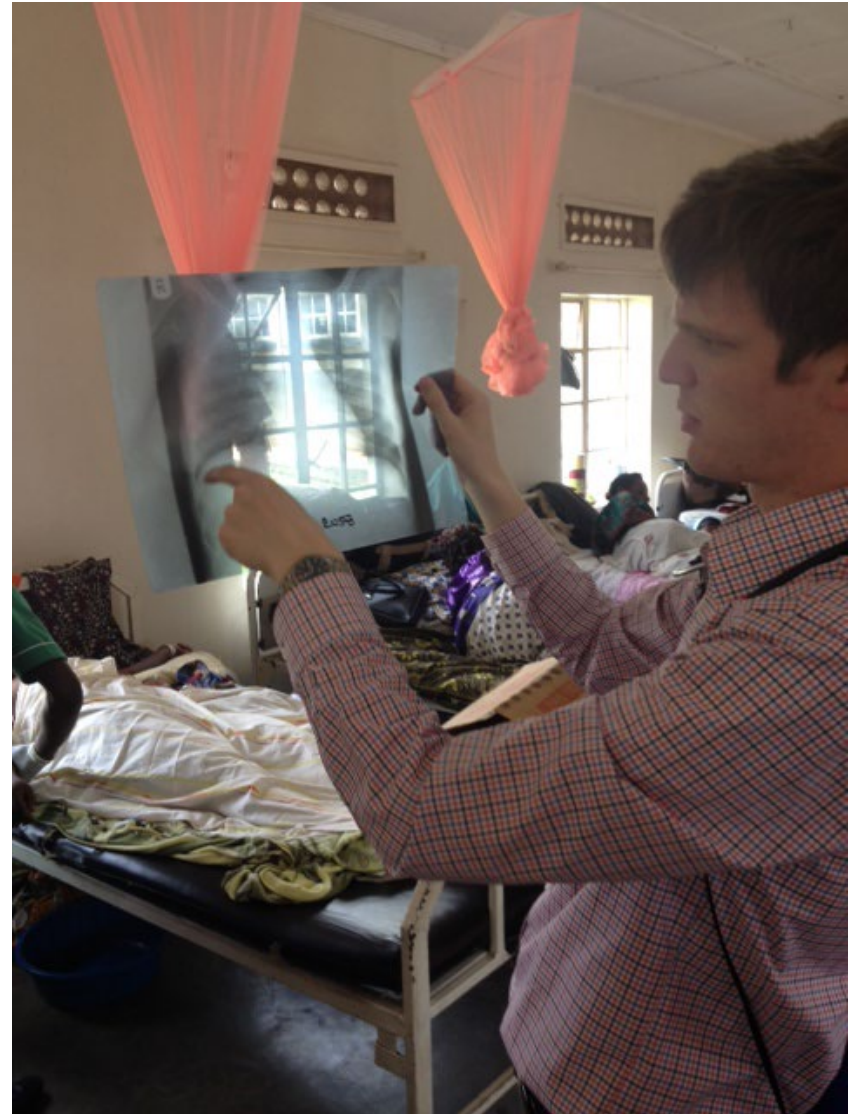
Claire Tanager

Peter McDonnell

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Medical Ward



Fort Portal Regional Referral Hospital

Operating Theatre



Pediatric Ward



Nkuruba Health Care Center III



Lake Nkuruba



Kibale
National Park



Queen Elizabeth National Park



Thank you from us, and everyone
at the University of Michigan!

