

How to Design, Promote, and Successfully Conduct Research in the Community Setting

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PHM 2017

Welcome!

| Time | Session |
|--------|---|
| 5 min | Welcome and Introduction |
| 5 min | Epidemiology of Pediatric Hospitalizations in the US |
| 10 min | Research in the Community: Who are we and what are our questions? |
| 45 min | Capitalizing on Community Resources |
| | Let's Do a Study (Anatomy of a Successful Project) |
| 5 min | Group Report Out |
| 5 min | Wrap up |

Disclosures

- We have no relevant financial relationships to disclose
- We do not intend do discuss any unapproved, experimental, investigatory, or off-label drug or device uses

Objectives

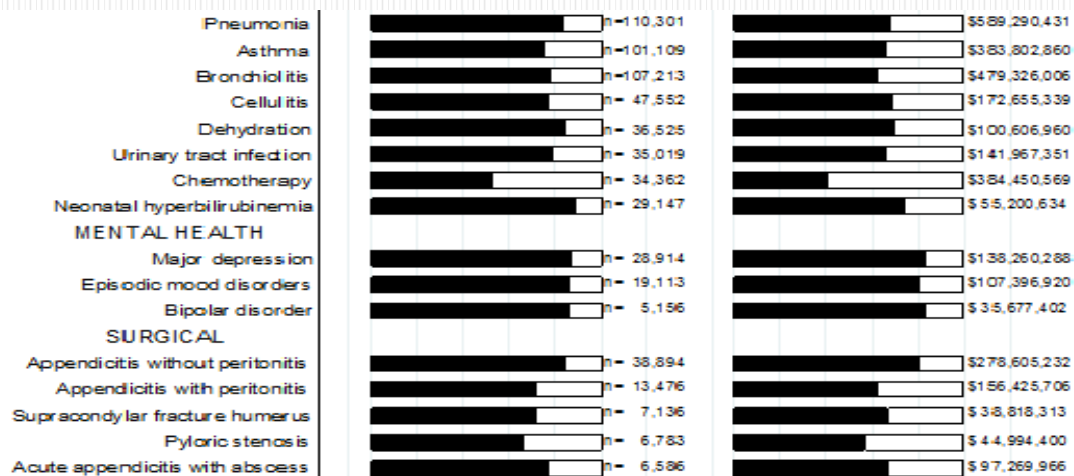
- Identify areas for priority in research in community hospitals
- Describe techniques to focus on feasibility and leverage resources available in community hospitals
- Develop or enhance a conceptual plan for a research project in a community hospital

Epidemiology of Pediatric Hospitalizations

- In 2012, children were hospitalized at 3758 general hospitals (GHs) and 50 freestanding children's hospitals (FCHs)
- 1.4 million hospitalizations occurred at GHs (72% of pediatric hospitalizations) and 0.55 million occurred at FCHs
- Hospitalizations at GHs accounted for 64% of hospital days in hospital and 50% of pediatric inpatient healthcare costs

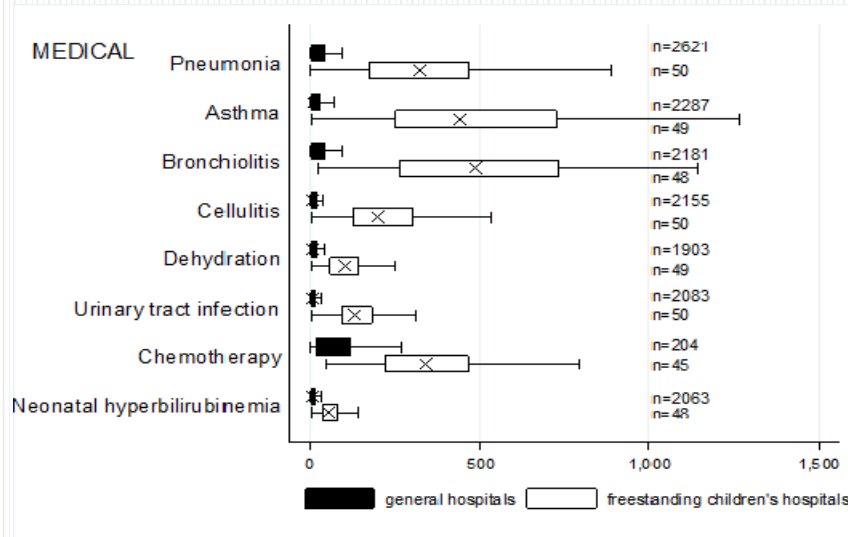
Leyenaar et al, JHM, 2016.

Epidemiology of Pediatric Hospitalizations



Black= GH, white = FCH

Epidemiology of Pediatric Hospitalizations



Hospital Medicine Workforce in Community Hospitals

- Analysis of the American Academy of Pediatrics Annual Survey of Graduating Residents, 2006-2015 found:
 - 10% of all graduating pediatric residents reported that they were entering PHM (n=593)
 - More than 1/3rd of these reported PHM positions at community hospitals (n=194, 34%)
 - More residents entering PHM at community hospitals had PHM career goals (78%) compared to residents entering PHM at tertiary care centers (67%)

Leyenaar & Frinter, Academic Pediatrics, 2017

Polling Instructions

- Search for this session's title in the mobile app using the search bar or in the agenda (by day & time).
- Select the session to open the session page and click **Live Polls**.
- Answer the question(s) under **Live Polls** by selecting your desired answer(s).
- Select **Finish** to submit your answer(s).

Which best describes how you spend a majority of your professional time?

- Caring for patients in a community hospital
- Caring for patients in a tertiary care children's hospital
- Administrative or hospital leadership
- None of the above

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Are you affiliated with a university?

- Yes
- No

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Do you work with medical students and residents on a regular basis?

- Yes
- No

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Use one word to describe how you feel about conducting pediatric research in community hospital settings:

What category of research are you the most interested in conducting?

- Quality improvement research
- Health services research
- Medical education
- Clinical research

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Among the following, the highest priority area for targeting research efforts in community hospitals is:

- Implementation of existing guidelines/standards of care (IDSA, immunizations, asthma)
- Quality/safety for high acuity patients (intermediate care, code blue, transfers)
- Quality/safety for children treated by adult providers (gen surg, adult subspecialists)
- Care transitions (PCP communication, med rec, hospital throughput)
- Value/stewardship (bronchiolitis, antimicrobials)
- Patient experience (family centered rounds)

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Large Group Discussion

- Are there other areas of research not already mentioned that are important at your hospital or for the field of community pediatric hospital medicine more generally?

What challenges have you experienced trying to conduct research in a community hospital setting?

Work Groups

- 2 topic areas → 20 minutes each
 - Capitalizing on Community Resources
 - Let's Do a Study (Anatomy of a Successful Project)

Report Out

- Folders:
 - Resources for doing research in community hospitals
 - A few articles for reference of successful community hospital based projects

Thank you!

- Please take 2 minutes and fill out the evaluation for us at your table