

SLEEP FOR HEALTH IN HOSPITAL AND AT HOME (Shhh)

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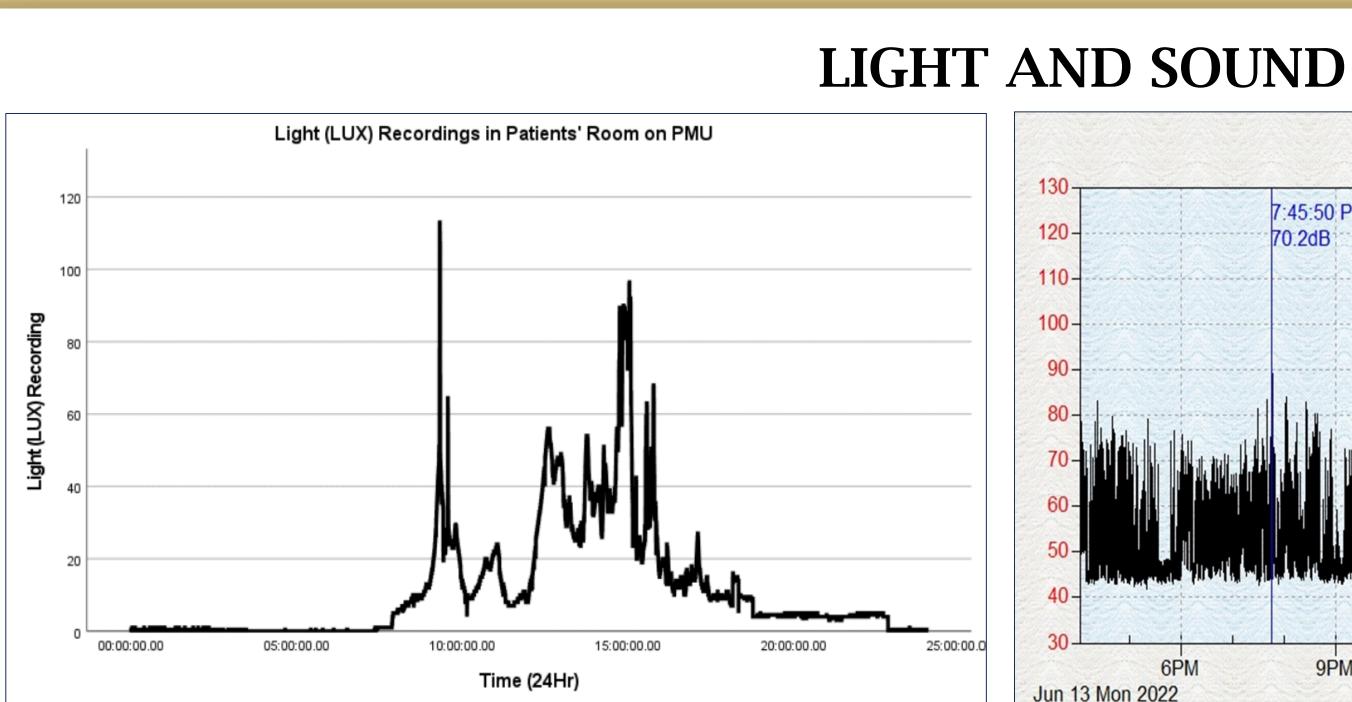
IMPORTANCE

- · Sleep is important for immune response, healing, pain management, and coping with stress.
- · Sleep is disrupted in hospital by environmental, institutional and biopsychosocial factors. Many are amenable to change but are often not addressed.
- · Admission to hospital provides an important opportunity to model and educate about healthy sleep practices.
- The restrictions associated with the COVID-19 pandemic created additional challenges to achieving healthy sleep in hospital.

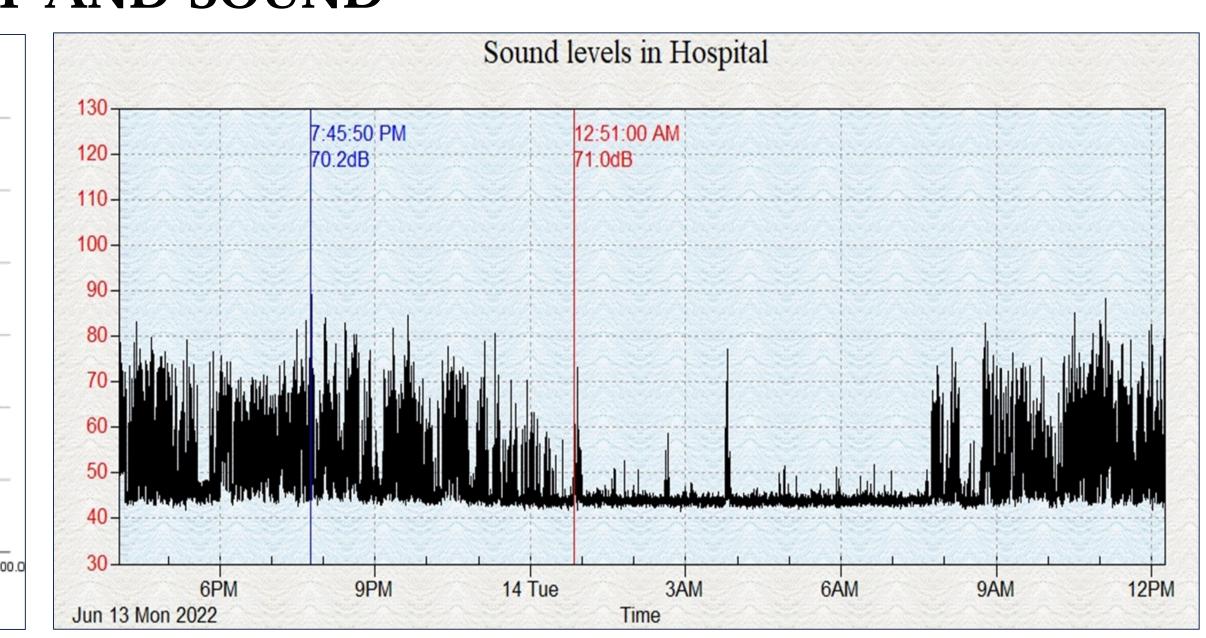
METHODS

- Mixed methods, exploratory study
- Sleep experiences of 7 pediatric inpatients and their co-resident parents for 2 nights in hospital and 2 nights at home after discharge.
- Measured: sleep quality and duration, activity, mood, disruptions experienced, light and sound
- Semi-structured interviews with 2 fathers and 3 mothers
- 86 healthcare providers (HCPs) were sent a survey on personal sleep experiences and knowledge of sleep in hospital. 21 responded (response rate 24.4%).

Sleep needs to be given a higher priority when planning in-patient treatments, hospital environments, healthcare providers' work patterns, and institutional policies.



- Not meeting daytime light recommendations in hospital.
- Light-reducing strategies for nighttime already in place (ex. flashlights)



- Quiet times do not correspond to bedtimes.
- Regularly exceeding WHO guidelines of < 35 dB during the day and < 30 dB at night.

INTERVIEW THEMES



Sleep matters all the time and everywhere



Family and environmental influences on sleep



Managing a challenge

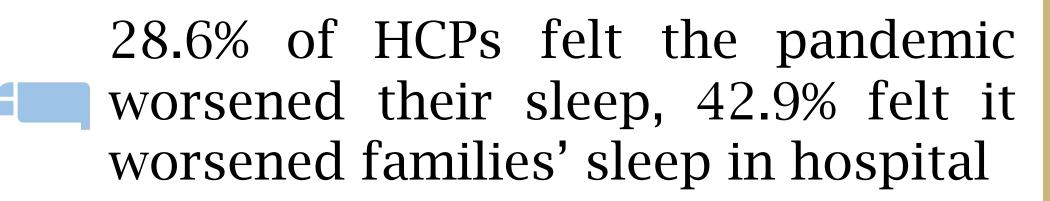


The importance of support systems



Positive change is possible

COVID-19





Time-use diaries showed virtually no time spent outside hospital room or physical activity. Several parents working remotely from hospital room.

Parents noted extra PPE blocking windows, multiple room changes, isolation, difficulty accessing basics needs like water, increased staff stress. Appreciated staff entering rooms for socialization and support.

PRACTICE AND POLICY

- Feing awarded "Sleepfriendly" status may motivate organizations to adopt practices to support healthy sleep within hospitals, and support families to continue practices at home after discharge.
- Need to plan how the inadvertent consequences of pandemic restrictions on sleep in hospital and at home can be mitigated.

NEXT STEPS - Shhh2

- 'Translating Research Into Care' project guided by parents, hospital staff, and youth
- Focus groups with parents,
 HCPs, and hopefully youth (13-17 years) to fact-check findings and explore solutions
- Implement and evaluate positive changes
- Ensure consistent adoption and sustainability
- Develop educational resources

REFERENCES

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