Medicine has a rich history of attending-led rounds, with some iteration of this ritual occurring as far back as the 1600s. In the early 1900s, the concept of “bedside rounds” was popularized by William Osler, who widely espoused their importance as a clinical and educational tool. Despite our best intentions, however, rounds today may be little reminiscent of the rounds of Osler’s day. Recent investigations into the characteristics of rounds have specifically revealed a “shift in the format from the bedside to conference rooms and hallways.” Most of our practices for rounding in the modern era are built on tradition and belief rather than evidence. The ecosystem of modern hospital care is dramatically different than that of Osler’s day, and fundamental questions about the format, content, stakeholders, and processes of rounds remain. Perhaps the greatest and most needed change in rounding in recent years is the shift of rounds from a physician-centric activity to an activity that values the modern interprofessional hospital team. Ultimately, the very definition of “rounds” and the purpose they are meant to serve in the context of a dynamic and complicated hospital ecosystem has become increasingly complex and thus, difficult to assess and improve.

In this month’s Journal of Hospital Medicine, Sang et al. address this complexity by returning to basics and utilizing a novel approach to precisely measure the frequency and duration of a necessary (albeit insufficient) condition for interdisciplinary bedside rounding to occur: colocation of physician, nurse, and patient. Ultimately, their results provide a springboard to ask mental questions about the format, content, stakeholders, and processes of rounds remain. Perhaps the greatest and most needed change in rounding in recent years is the shift of rounds from a physician-centric activity to an activity that values the modern interprofessional hospital team. Ultimately, the very definition of “rounds” and the purpose they are meant to serve in the context of a dynamic and complicated hospital ecosystem has become increasingly complex and thus, difficult to assess and improve.

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In Sang et al.,3 the authors utilized a real-time locator system, namely, radiofrequency identification, to precisely track the physical workflow of both attending hospitalists and bedside nurses and then subsequently used the data obtained to measure the frequency and duration of colocation at the patient bedside. The authors defined a physician “rounding event” as the physician’s presence in a single bed patient room for at least 10 seconds. The study revealed that colocation of physician and nurse (for at least 10 seconds) occurred in only 30% of all physician rounding events recorded. The duration of a physician rounding event was 5.68 minutes without nurse colocation and 9.56 minutes if a nurse was present. No difference in the frequency of physician-nurse overlap was observed between weekdays and weekends. Interestingly and not surprisingly, patient rooms located farther from the nursing station had a decreased likelihood of physician-nurse overlap.

A greater understanding of the medical community’s inability to reliably implement interdisciplinary bedside rounding may be found by examining the ecosystem of inpatient medicine. Physicians and nurses function in an environment with increasingly complex patients, more stringent (and non-evidence-based) documentation requirements, the physical decoupling of patients and their clinical information, and, as Sang et al. illuminate, complex geographical ward structures. As the rapidity with which patients are diagnosed and treated continues to escalate, physicians and nurses are also asked to attempt to squeeze an Oslerian-type rounding system into an ecosystem that is in overdrive. That the puzzle pieces do not fit should not be a surprise.

There is a risk that systems may implement interventions to “check the box” for interdisciplinary bedside rounding instead of seeking to change outcomes. How much time is time enough together at the bedside? Sang et al., among others, ponder whether a rounding duration of just under 10 minutes is enough.3,4 However, Rothberg et al. demonstrated that increased duration of communication alone is not necessarily associated with increased patient satisfaction or nurse–physician agreement on plan of care,7 suggesting that colocation and communication are necessary but not sufficient for true inter-disciplinary patient care. The discordance between communication and understanding can potentially be explained by the varying agendas of the members of the interdisciplinary team during the same interaction.8

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Received: May 15, 2019; Revised: May 31, 2019; Accepted: June 3, 2019.

© 2019 Society of Hospital Medicine DOI 10.12788/jhm.3261
Ultimately, the future of interdisciplinary bedside rounding, and rounding in general, remains uncertain. Potential areas for improvement and further study include patient regionalization, tools to align agendas among stakeholders, integrating recommendations for interdisciplinary communication, and utilizing a common definition and taxonomy for study design. These interventions may improve future study designs and outcomes. However, these interventions are small tweaks in a complex ecosystem, and the return on these interventions may eventually reach an asymptote. Perhaps the concept of rounding as we know it is broken beyond repair, and a more radical approach is needed: either the creation of a completely innovative shared mental model of acute care that acknowledges the complex environment of inpatient medicine, or a complete restructuring of the ecosystem itself. Nonetheless, the findings of Sang et al. with respect to the ongoing difficulty of implementing interdisciplinary bedside rounding elucidate the need for innovation in study design and rounding implementation strategies; they also prompt us to ask—and answer—the complicated questions related to this integral component of our practice.

Disclosures: The authors have nothing to disclose.

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