

Improving Efficiency in Documentation for Residents

OBGYN Resident Incentive Project

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BACKGROUND

A considerable amount of residents' clinical time is spent in documentation of clinical encounters. This potentially limits time spent on direct patient care and may negatively impact residents' perception of their jobs, education, and ability to achieve work-life balance. Most residency programs do not formalize a curriculum that teaches residents methods for improving efficiency in documentation, for example, through the use of dictation devices or programs. A formal curriculum in the use of dictation could provide an avenue for residents to improve efficiency and may ultimately positively impact residents' attitudes toward their clinical work.

AIM Statement

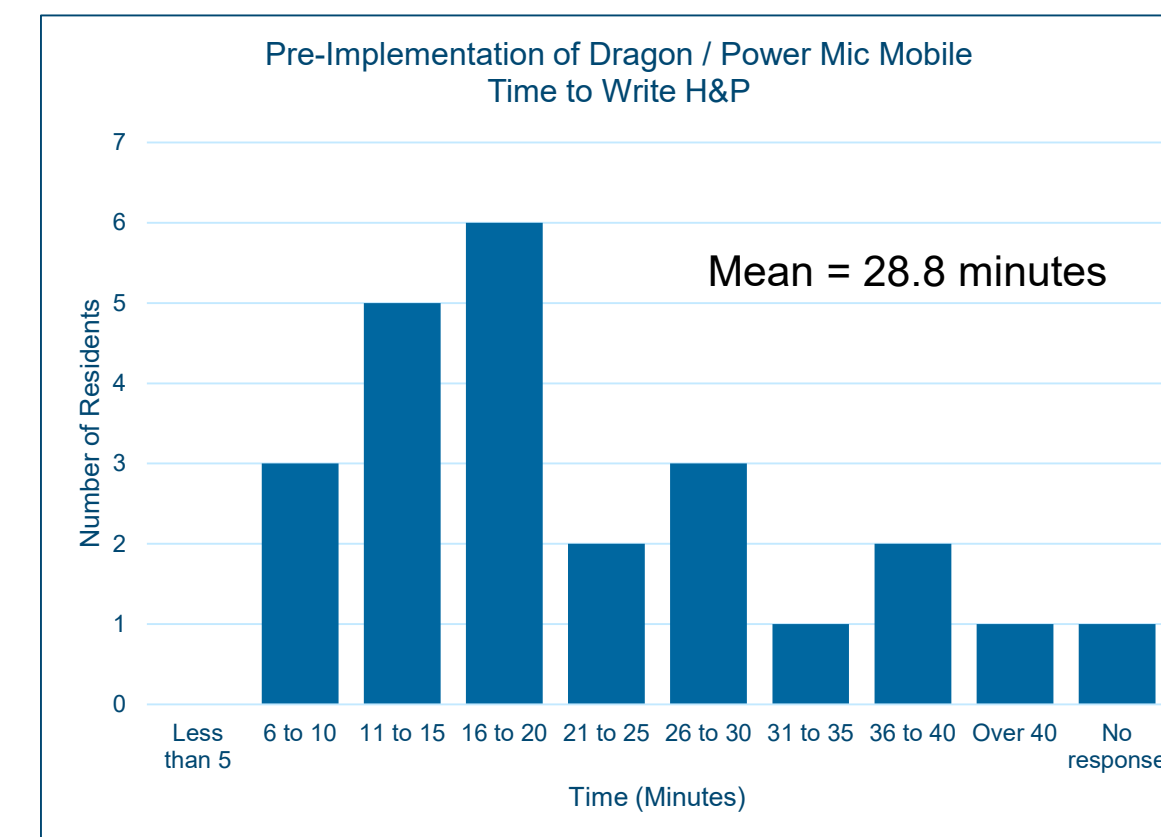
- Reduce time spent on clinical documentation by 10%
- Improve residents' perception and attitude toward documentation / clinical work.

INTERVENTION

- Two 30 minute informational / teaching sessions on use of dictation tools for notewriting
- Use of dictation tools in clinical work following the informational sessions
- Pre- and post- surveys collecting time it takes residents to write notes as well as residents' attitude toward documentation and its impact on clinical work.

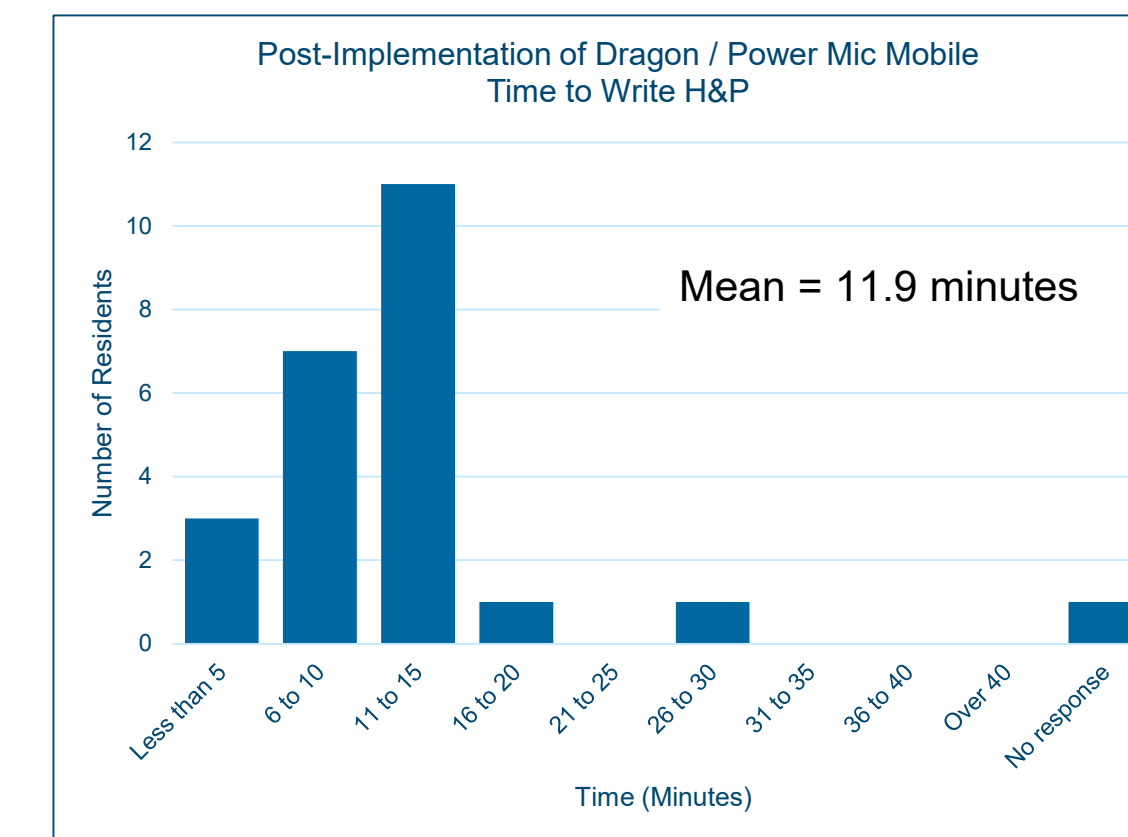
OUTCOMES / RESULTS

Pre-Intervention Results

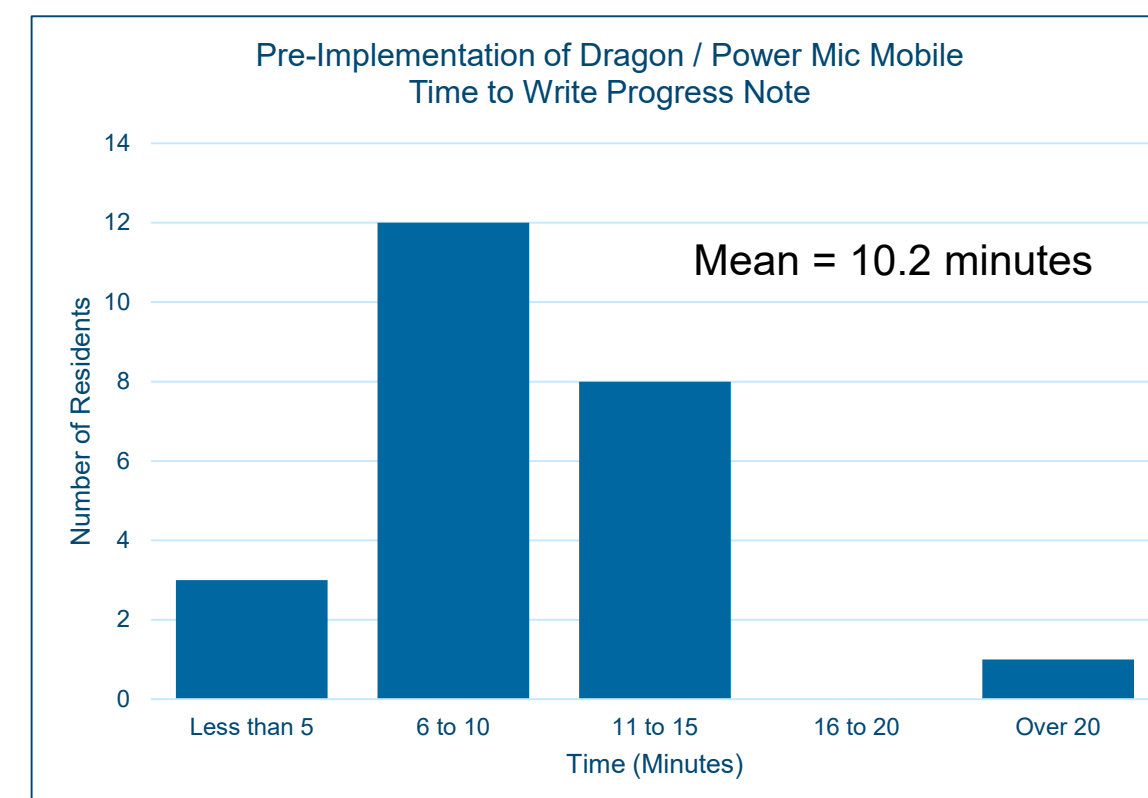


58.7% less time to write an H&P

Post-Intervention Results

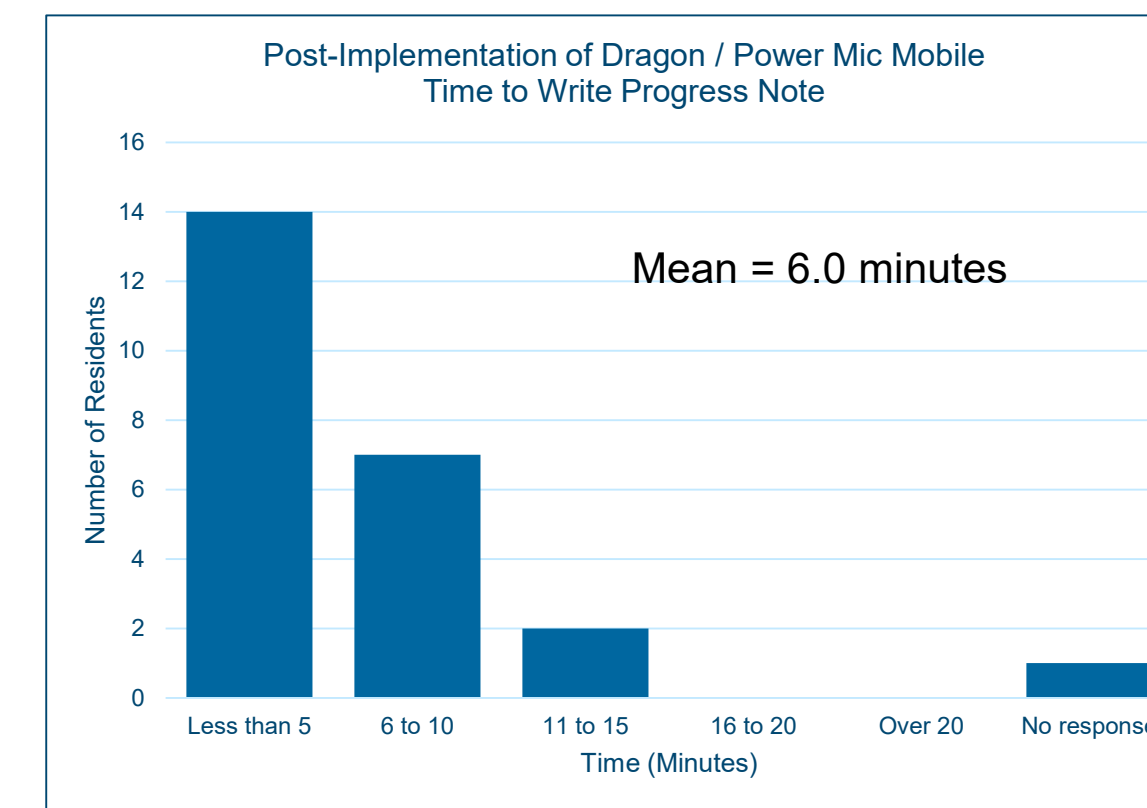


Pre-Implementation of Dragon / Power Mic Mobile Time to Write Progress Note



41.2% less time to write a progress note

Post-Implementation of Dragon / Power Mic Mobile Time to Write Progress Note



CONCLUSIONS

The amount of time spent on clinical documentation was decreased by 58.7% and 41.2% on H&Ps and progress notes, respectively, following implementation of dictation tools into clinical practice.

Prior to the implementation of these dictation tools, most residents felt that documentation had a more negative impact on their ability to provide patient care, to teach others, and on their education. After, most residents felt there was neither a positive nor negative (neutral) impact.

NEXT STEPS

- Improve formalized education in dictation tools and introduce these tools at PGY1 Orientation annually as well as refreshers throughout the academic year
- Determine if earlier implementation of dictation tools can free up time for more appropriate work-life balance and as a result, improve residents' attitudes toward their clinical work
- Determine if the implementation of dictation tools is more beneficial by rotation (i.e. more complex patient situations such as GYN ONC and MFM)

ACKNOWLEDGEMENTS

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