

Efficiency and safety of speech recognition for documentation in the electronic health record.

July 30, 2018

Hodgson T, Magrabi F, Coiera E. Efficiency and safety of speech recognition for documentation in the electronic health record. J Am Med Inform Assoc. 2017;24(6):1127-1133. doi:10.1093/jamia/ocx073. <https://psnet.ahrq.gov/issue/efficiency-and-safety-speech-recognition-documentation-electronic-health-record>

Electronic [documentation burden](#) can contribute to [physician burnout](#). Speech recognition software has been touted as a potential strategy to address this concern. However, this study found that speech recognition was more error prone and time consuming than using a keyboard and mouse for various emergency physicians' electronic tasks. This study finding adds to existing concerns that [speech recognition](#) may lead to [clinically significant errors](#).