**EXEMPLARS**

**Evidence-Based Documentation**

**Evidence-Based Documentation, HCA Healthcare**

<https://nam.edu/wp-content/uploads/2018/05/1_Englebright_Evidence-based-Clinical-Documentation.pdf>

**Charting new territory: giving our nurses back the gift of time**

<https://hcatodayblog.com/2019/02/18/charting-new-territory-giving-our-nurses-back-the-gift-of-time/>

**How evidence-based clinical documentation gives time back to nurses**

<https://blog.meditech.com/how-evidence-based-clinical-documentation-is-giving-time-back-at-the-bedside>

**Project Joy**

**Project Joy: Giving Time Back to Nurses by Reducing Documentation Burden**

<https://www.himsslearn.org/project-joy-giving-time-back-nurses-reducing-documentation-burden>

**Project Joy: Giving Back Time to Nurses for Patient Care**

https://www.coloradonurseleaders.org/wp-content/uploads/2019/09/Project-Joy-External-Reference-Slides\_Abbrev.pdf

**Pandemic-era burnout: Nurses in the trenches say technology hurts and helps**

[https://www.healthcareitnews.com/news/pandemic-era-burnout-nurses-trenches-say-technology-hurts-and-help](https://www.healthcareitnews.com/news/pandemic-era-burnout-nurses-trenches-say-technology-hurts-and-helps)s

**Ambient Clinical Voice Technology – Speke from Soundlines**

https://www.healthcareittoday.com/2020/10/28/ambient-clinical-voice-technology-speke-from-soundlines/

**Suki Clinical Digital Assistant Greatly Reduces EHR Documentation Time and Burden for Family Physicians**

<https://www.aafp.org/news/media-center/releases/suki-clinical-digital-assistant-reduces-ehr-documentation-and-burden-for-fps.html>

**AAFP Innovation Lab: Reducing Documentation Burden through the use of a Digital Assistant**

<https://www.aafp.org/dam/AAFP/documents/media_center/charts-graphs/digitalassistant-innovationlab--phase-1-whitepaper.pdf>

**Trauma Surgeons Save Lives-Scribes Save Trauma Surgeons!**

<https://search.proquest.com/openview/6c6b5320e25fad5199b25bdcedbf8017/1.pdf/advanced>

**BPA Clickbusters**

https://www.vumc.org/vclic/clickbusters

**Banner Health reduces alert fatigue, doc burnout with help from Cerner tools**

<https://www.healthcareitnews.com/news/banner-health-reduces-alert-fatigue-doc-burnout-help-cerner-tools>

**Getting Rid of Stupid Stuff**

<https://pubmed-ncbi-nlm-nih-gov.ezproxy.cul.columbia.edu/30403948/>

**Electronic health record innovations: Helping physicians - One less click at a time**

<https://pubmed-ncbi-nlm-nih-gov.ezproxy.cul.columbia.edu/28671038/>

**“Optimization Sprints: Improving Clinician Satisfaction and Teamwork by Rapidly Reducing Electronic Health Record Burden”**

<https://doi.org/10.1016/j.mayocp.2018.08.036>

**LIT REVIEW**

**Physician Time Spent Using the Electronic Health Record During Outpatient Encounters: A Descriptive Study**

<https://pubmed.ncbi.nlm.nih.gov/31931523/>

**Tethered to the EHR: Primary Care Physician Workload Assessment Using EHR Event Log Data and Time-Motion Observations**

<https://pubmed.ncbi.nlm.nih.gov/28893811/>

**The impact of electronic health record systems on clinical documentation times: A systematic review**

<https://pubmed.ncbi.nlm.nih.gov/29895467/>

**The Influence of Integrated Electronic Medical Records and Computerized Nursing Notes on Nurses’ Time Spent in Documentation**

<https://pubmed.ncbi.nlm.nih.gov/22411414/>

**Automated clinical documentation: does it allow nurses more time for patient care?**

https://pubmed.ncbi.nlm.nih.gov/21685832/

**Quantifying and Visualizing Nursing Flowsheet Documentation Burden in Acute and Critical Care**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6371331/

**Physician stress and burnout: the impact of health information technology**

https://academic.oup.com/jamia/article/26/2/106/5230918?login=true

**Burnout Among Health Care Professionals: A Call to Explore and Address This Underrecognized Threat to Safe, High-Quality Care**

https://nam.edu/burnout-among-health-care-professionals-a-call-to-explore-and-address-this-underrecognized-threat-to-safe-high-quality-care/

**Some unintended consequences of information technology in health care: the nature of patient care information system-related errors**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC353015/

**Factors Affecting Physician Professional Satisfaction and Their Implications for Patient Care, Health Systems, and Health Policy**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5051918/

**Taking Action Against Clinician Burnout**

https://www.nap.edu/catalog/25521/taking-action-against-clinician-burnout-a-systems-approach-to-professionalBurnout and medical errors among American surgeons

**Association of resident fatigue and distress with perceived medical errors**

https://pubmed.ncbi.nlm.nih.gov/19773564/

**The relationship of organizational culture, stress, satisfaction, and burnout with physician-reported error and suboptimal patient care: results from the MEMO study**

https://pubmed.ncbi.nlm.nih.gov/17666991/

**Nurse staffing, burnout, and health care-associated infection**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3509207/

#  Practice And Policy Reset Post-COVID-19: Reversion, Transition, Or Transformation?

[**https://www.healthaffairs.org/doi/full/10.1377/hlthaff.2020.00612**](https://www.healthaffairs.org/doi/full/10.1377/hlthaff.2020.00612)

[Physician Burnout in the Electronic Health Record Era: Are We Ignoring the Real Cause?](https://urldefense.proofpoint.com/v2/url?u=https-3A__pubmed.ncbi.nlm.nih.gov_29801050_&d=DwMGaQ&c=G2MiLlal7SXE3PeSnG8W6_JBU6FcdVjSsBSbw6gcR0U&r=KmHAJhA7DTtq4vcq-kMdoAKI34evMEweI3ndrmCjjyQ&m=Y2ib31mMmJPkk6CInGMeiZiC3654vKBg7r1Rrz1V5BM&s=Hl2EBl3Ex4J4K6S2VtY9K9vE_StSltXibWKmSNJag5Y&e=)

Downing NL,**Bates DW**, Longhurst CA.**Ann Intern Med**. 2018 Jul 3;169(1):50-51. doi: 10.7326/M18-0139. Epub 2018 May 8.

[Use of Medical Scribes to Reduce **Documentation** Burden: Are They Where We Need to Go With Clinical **Documentation**?](https://urldefense.proofpoint.com/v2/url?u=https-3A__pubmed.ncbi.nlm.nih.gov_30242315_&d=DwMGaQ&c=G2MiLlal7SXE3PeSnG8W6_JBU6FcdVjSsBSbw6gcR0U&r=KmHAJhA7DTtq4vcq-kMdoAKI34evMEweI3ndrmCjjyQ&m=Y2ib31mMmJPkk6CInGMeiZiC3654vKBg7r1Rrz1V5BM&s=uOiiY_NQ0-Gxv75oB88yUqRrDNCesU5VrR0LSirVCiU&e=)

**Bates DW**, Landman AB.JAMA Intern Med. 2018 Nov 1;178(11):1472-1473. doi: 10.1001/jamainternmed.2018.3945.

[How physicians document outpatient visit notes in an electronic health record.](https://urldefense.proofpoint.com/v2/url?u=https-3A__pubmed.ncbi.nlm.nih.gov_22542717_&d=DwMGaQ&c=G2MiLlal7SXE3PeSnG8W6_JBU6FcdVjSsBSbw6gcR0U&r=KmHAJhA7DTtq4vcq-kMdoAKI34evMEweI3ndrmCjjyQ&m=Y2ib31mMmJPkk6CInGMeiZiC3654vKBg7r1Rrz1V5BM&s=oWSshnn_gwEBX-2i6WTztKW01Yd6ujShhQmE8q9XuIE&e=)

Pollard SE, Neri PM, Wilcox AR, Volk LA, Williams DH, Schiff GD, Ramelson HZ,**Bates DW.**Int J Med Inform. 2013 Jan;82(1):39-46. doi: 10.1016/j.ijmedinf.2012.04.002. Epub 2012 Apr 28.PMID: 22542717

**Reducing Burnout by Letting Clinicians Be Clinicians: A Clarion Call To Informaticists**

(pdf only). Citation: Appl Clin Inform 2021;12:1–3