

**Helpful HIT and Informatics Resources**  
**2021 AATE Mini-Conference**  
**March 18, 2021**

**CONTEXT**

**Calls for action within healthcare community**

- Institute of Medicine (US) Committee on Quality of Health Care in America. *Crossing the Quality Chasm: A New Health System for the 21st Century*. National Academies Press (US); 2014.
- Institute of Medicine, Board on Health Care Services, Committee on the Health Professions Education Summit. *Health Professions Education: A Bridge to Quality*. National Academies Press; 2003.

**Targeted initiatives**

- Blumenthal D. Launching HITECH. *N Engl J Med*. 2010;362(5):382.
- The TIGER Initiative. Collaborating to integrate evidence and informatics into nursing practice and education: an executive summary. The TIGER Initiative website. Accessed September 3, 2020. <http://s3.amazonaws.com/rdcms-himss/files/production/public/FileDownloads/tiger-report-executive-summary.pdf>
- Hart MD. A Delphi study to determine baseline informatics competencies for nurse managers. *Comput Inform Nurs*. 2010;28(6):364-370.

**Athletic training efforts**

- Eberman LE, Walker SE, Floyd RT, et al. The prioritized research agenda for the athletic training profession: a report From the Strategic Alliance Research Agenda Task Force. *J Athl Train*. 2019;54(3):237-244.
- Marshall AN, Lam KC. Research at the point of care: using electronic medical record systems to generate Clinically meaningful evidence. *J Athl Train*. 2020;55(2):205-212.

**CONTENT**

**Health information technology: general**

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- Healthcare Information & Management Systems Society (HIMSS). *HIMSS Dictionary of Health Information and Technology Terms, Acronyms and Organizations*. 5th Ed. Productivity; 2019.

**Health information technology. Electronic medical/health records**

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- Machado GC, O'Keeffe M, Richards B, Needs C, Storey H, Maher CG. Why a dearth of sports and exercise medicine/physiotherapy research using hospital electronic medical records? A success story and template for researchers [published online ahead of print, 2020 May 21]. *Br J Sports Med*. 2020;bjsports-2019-101622

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- Lam KC. Health Care Informatics. In: Van Lunen BL et al. Evidence-Guided Practice: A Framework for Clinical Decision Making in Athletic Training. Thorofare, NJ: SLACK; 2015.\*\*\*
  - \*\*\*Disclosure: I do not receive any payment for these textbooks.\*\*\*

### Healthcare informatics: general

- Graves JR, Corcoran S. The study of nursing informatics. *Image J Nurs Sch.* 1989;21(4):227-231.
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### HIT and other core competencies

#### *Patient-centered care: patient engagement, health literacy, and telehealth*

- Holzmüller CG, Wu AW, Pronovost PJ. A framework for encouraging patient engagement in medical decision making. *J Patient Safe.* 2012;8:161-164.
- Barry MJ. Shared decision making: informing and involving patients to do the right thing in health care. *J Ambul Care Manage.* 2012;35(2):90-98.
- Patient decision aids: choosingwisely.org, Dartmouth-Hitchcock Health Care
- Tuckson RV, Edmunds M, Hodgkins ML. Telehealth. *N Engl J Med.* 2017;377:1585-92.
- Centers for Disease Control and Prevention. Using Telehealth to Expand Access to Essential Health Services during the COVID-19 Pandemic. Accessed March 3, 2021. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/telehealth.html>
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- Monk AD, Knight MM, Games KE, Winkelmann ZK. Athletic trainers' experiences and perceptions regarding telemedicine. *Ath Train Sport Health Care.* [In press].

#### *Professionalism: privacy and ethics*

- Moore W, Frye S. Review of HIPAA, part 1: history, protected health information, and privacy and security rules. *J Nucl Med Technol.* 2019;47(4):269-272.
- Layman EJ. Ethical issues and the electronic health record. *Health Care Manag.* 2008;27:165-176.
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#### *Quality improvement: importance of collecting clinical data and use of HIT to reduce medical errors*

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- Kohn T, Corrigan JM, Molla SD. To err is human: Building a safer health system (Executive summary). Institute of Medicine. Committee on Quality of Health Care in America. 2000.

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- Higgins TC, Crosson J, Peikes D, McNellis R, Genevro J, Meyers D. Using health information technology to support quality improvement in primary care [Executive Summary]. AHRQ Publication No. 15-0031-EF. Rockville, MD: Agency for Healthcare Research and Quality. March 2015.
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- Valier ARS. Looking to improve your practice? Consider the science of quality improvement to get started. *J Athl Train*. 2020;55(11):1137-1141.
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#### **APPLICATION**

- Rosenbloom ST, Denny JC, Xu H, Lorenzi N, Stead WW, Johnson KB. Data from clinical notes: a perspective on the tension between structure and flexible documentation. *J Am Med Inform Assoc*. 2011;18(2):181-186.
- Lluch M. Healthcare professionals' organisational barriers to health information technologies-a literature review. *Int J Med Inform*. 2011;80(12):849-862.
- Zheng K, Haftel HM, Hirschl RB, O'Reilly M, Hanauer DA. Quantifying the impact of health IT implementations on clinical workflow: a new methodological perspective. *J Am Med Inform Assoc*. 2010;17(4):454-461.
- Mollart L, Newell R, Geale SK, Noble D, Norton C, O'Brien AP. Introduction of patient electronic medical records (EMR) into undergraduate nursing education: An integrated literature review. *Nurse Educ Today*. 2020;94(104517):104517.