

社会医学系専門医専門医・指導医講習会
文献リスト (2020/11/19)

帝京大学 澤 智博

Machine Learning in Medicine

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<https://www.nejm.org/doi/full/10.1056/NEJMra1814259>

A Belmont Report for Health Data

N Engl J Med 2019; 380:1493-1495

<https://www.nejm.org/doi/full/10.1056/NEJMp1816373>

Big Data and the Intelligence Community — Lessons for Health Care

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<https://www.nejm.org/doi/full/10.1056/NEJMp1815418>

Toward Facilitated Self-Service in Health Care

N Engl J Med 2019; 380:1891-1893

<https://www.nejm.org/doi/full/10.1056/NEJMp1817104>

Genetic Variation, Comparative Genomics, and the Diagnosis of Disease

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https://www.nejm.org/doi/full/10.1056/NEJMra1809315#article_glossary

Digital Futures Past — The Long Arc of Big Data in Medicine

N Engl J Med 2019; 381:480-485

<https://www.nejm.org/doi/full/10.1056/NEJMms1817674>

The “All of Us” Research Program

N Engl J Med 2019; 381:668-676

<https://www.nejm.org/doi/full/10.1056/NEJMs1809937>

All of Us Research Hub

<https://www.researchallofus.org/>

Mobile Devices and Health

N Engl J Med 2019; 381:956-968

<https://www.nejm.org/doi/full/10.1056/NEJMra1806949>

Algorithm-Aided Prediction of Patient Preferences — An Ethics Sneak Peek

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Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation

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<https://www.nejm.org/doi/10.1056/NEJMoa1901183>

Watched by Apple

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10-Year Update on Study Results Submitted to ClinicalTrials.gov

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<https://www.nejm.org/doi/full/10.1056/NEJMsr1907644>

Genome Sequencing during a Patient's Journey through Cancer

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Machine Learning and the Cancer-Diagnosis Problem — No Gold Standard

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<https://www.nejm.org/doi/full/10.1056/NEJMp1907407>

JAMA Machine Learning

<https://sites.jamanetwork.com/machine-learning/>

Wearable Devices for Cardiac Rhythm Diagnosis and Management

JAMA. 2019;321(4):337-338.

<https://jamanetwork.com/journals/jama/fullarticle/2721089>

Personal Health Records More Promising in the Smartphone Era?

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How to Read Articles That Use Machine Learning

Users' Guides to the Medical Literature

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<https://jamanetwork.com/journals/jama/fullarticle/2754798>

Effect of a Machine Learning–Derived Early Warning System for Intraoperative Hypotension vs Standard Care on Depth and Duration of Intraoperative Hypotension During Elective Noncardiac Surgery

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Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis

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Potential Excessive Testing at Scale

Biomarkers, Genomics, and Machine Learning

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A Decade of Health Information Technology Usability Challenges and the Path Forward

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Preventing EHR Confusion

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Evaluation of Cardiac Rhythm Abnormalities From Wearable Devices

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Reported Cases of Medical Malpractice in Direct-to-Consumer Telemedicine

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Decision Support and Alerts of Apps for Self-management of Blood Glucose for Type 2 Diabetes

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<https://jamanetwork.com/journals/jama/fullarticle/2730605>

Free App to Help Patients Ask Appropriate Questions

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QuestionBuilder App

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Effect of Restriction of the Number of Concurrently Open Records in an Electronic Health Record on Wrong-Patient Order Errors

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Restricting the Number of Open Patient Records in the Electronic Health Record

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AI Identifies Implanted Cardiac Devices

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Cardiac Rhythm Device Identification Using Neural Networks

JACC: Clinical Electrophysiology

Volume 5, Issue 5, May 2019, Pages 576-586

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New Phenotypes for Sepsis

The Promise and Problem of Applying Machine Learning and Artificial Intelligence in Clinical Research

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Smartphone-Based Detection of Middle Ear Fluid

JAMA. 2019;322(2):107.

<https://jamanetwork.com/journals/jama/fullarticle/2737659>

Detecting middle ear fluid using smartphones

Science Translational Medicine 15 May 2019:

Vol. 11, Issue 492, eaav1102

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A clinically applicable approach to continuous prediction of future acute kidney injury

Nature volume 572, pages116–119(2019)

<https://www.nature.com/articles/s41586-019-1390-1>

Deep learning detects impending organ injury in the clinic

Nature 572, 36-37 (2019)

<https://www.nature.com/articles/d41586-019-02308-x>

Cryptic connections illuminate pathogen transmission within community networks

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