



OHARA Makoto, M.D., Ph.D.

Faculty of Medicine

E-mail : oharam@hosp.tsukuba.ac.jp

Lab web page : <http://www.hosp.tsukuba.ac.jp/outpatient/facility/iryoujoho.html>

Forest of Scholars : <https://ura.sec.tsukuba.ac.jp/unit-members?kid=80194273>

Kakenhi : 80194273

Orcid : 0000-0001-9710-8373

Affiliation : Department of Medical Informatics and Management, Division of Clinical Medicine, Faculty of Medicine, The University of Tsukuba

Theme

- **Medical Informatics and Management**

Keyword EHR, Patient Safty, e-phenotyping, social insurance.

Highlight

Major Scientific Interests of the Group

- 1 Construction of Hospital Information System for Patient safety
- 2 Protection and utilization of personal information in medical research
- 3 Total quality management in hospitals
- 4 Standardization of Medical Information System
- 5 EHR-based phenotyping
- 6 Social insurance system in Japan

Study Programs for Short Stay Students (one week – one trimester)

- 1 Practical Management of Hospital Information System
- 2 Basic Utilization of Clinical Data Base

Other Faculty Members

Lecturer Junichi Furuta ,Rena Kagawa

Projects for Regular Students in Doctoral or Master's Programs

Not Accepted now

Applications and Prospects

- Next generation EHR, additive functions to EHR for Patient Safety

Literature, intellectual property, work

- Furuta J. Revision of Ethical Guidelines for Medical and Health Research for the purpose of responding to the revision of the Act on Protection of Personal Information. The Official journal of Japanese Society of Laboratory Medicine. 49: 71, 2018 (Japanese)
- Rina Kagawa, Emiko Shinohara, Takeshi Imai, Yoshimasa Kawazoe, Kazuhiko Ohe: Bias of Inaccurate Disease Mentions in Electronic Health Record-based Phenotyping. International Journal of Medical informatics, in press
- Rina Kagawa, Yoshimasa Kawazoe, Emiko Shinohara, Takeshi Imai, Kazuhiko Ohe: The impact of "possible patients" on phenotyping algorithms: Electronic phenotype algorithms can only be reproduced by sharing detailed annotation criteria. MEDINFO2017, Studies in health technology and informatics, 245, 432-436, 2017