

# **Shinichiroh Yokota, R.N., P.H.N., Ph.D.**

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## **Education:**

Apr 1998 – Mar 2004

School of Health Science and Nursing, Faculty of Medicine, The University of Tokyo

## **Qualifications:**

- Doctor of Philosophy (The University of Tokyo) (2021)
- Registered Nurse (2004)
- Public Health Nurse (2004)
- Class-1 Health Officer's License (2009)
- Healthcare Information Technologist (Japan Association for Medical Informatics) (2009)
- Healthcare Information Manager (Japan Hospital Association, et al.) (2022)

## **Career History:**

Sep 2020 – Present

The University of Tokyo

Assistant Professor, Faculty of Medicine

Apr 2004 – Present

The University of Tokyo Hospital

(Apr 2018 – Present)

Deputy Director, Department of Healthcare Information Management

(Apr 2023 – Present)

Director, Department of Medical Record Management

(Apr 2019 – Mar 2023)

Deputy Director, Department of Medical Record Management

(Oct 2014 – Aug 2020)

Assistant Professor (University Hospital),

Department of Healthcare Information Management

(Oct 2010 – Sept 2014)

Research Associate, Department of Healthcare Information Management

(Jun 2008 – Sept 2010)

Assistant Head Nurse, Department of Nursing

(Apr 2004 – May 2008)

Nurse, Department of Nursing

## **Bibliography**

Peer-reviewed

- Yokota S, Doi S, Fukuhara M, Mitani T, Nagashima S, Gonoj W, Imai T, Ohe K. Application Program to Detect Unrecognized Information Regarding Malignant Tumors in Radiology Reports. *Health and Technology*. 2023;13: 65-73.
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- Nakagami G, Yokota S, Kitamura A, Takahashi T, Morita K, Noguchi H, Ohe K, Sanada H. Supervised machine learning-based prediction for in-hospital pressure injury development using electronic health records: A retrospective observational cohort study in a university hospital in Japan. *International Journal of Nursing Studies*. 2021;119: 103932.
- Mitani T, Doi S, Yokota S, Imai T, Ohe K. Highly accurate and explainable detection of specimen mix-up using a machine learning model. *Clinical Chemistry and Laboratory Medicine*. 2020;58(3): 375–383.
- Seto R, Ayuzawa H, Nakanishi H, Nemoto A, Yokota S, Fujisaku Y, Kido S, Maeda N, Okamine E. The prevalence of five standardized masters for medical information sharing released by Ministry of Health, Labour and Welfare. *Health Information Management*. 2019;31(2): 64-67. (in Japanese)
- Yokota S, Tomotaki A, Mohri O, Endo M, Ohe K. Evaluating the Effectiveness of a Fall Risk Screening Tool Implemented in an Electronic Medical Record System. *Journal of Nursing Care Quality*. 2018;33(4): E1-E6
- Teramoto C, Nagata S, Naruse T, Yokota S, Yamamoto-Mitani N. Pattern of Revisit 30 days after Discharge from the Emergency Department: A Comparative Case Study. *Journal of Japan Academy of Nursing Science*. 2018;38: 336-345. (in Japanese)
- Yokota S, Shinohara E, Ohe K. Can Staff Distinguish Falls: Experimental Hypothesis Verification Using Japanese Incident Reports and Natural Language Processing. *Studies in Health Technology and Informatics*. 2018;250: 159-163.
- Kasai S, Yokota S, Noguchi T, Ida Y, Kitagawa Y, Imai T, Kawazoe Y, Tanaka K, Ohe K. Analysis of Medication Process using Transaction Log in Oral Drug

Administration Ordering System. *Japan Journal of Medical Informatics*. 2017;37(4): 187-196. (in Japanese)

- Yokota S, Endo M, Ohe K. Establishing a Classification System for High Fall-Risk Among Inpatients Using Support Vector Machines. *CIN: Computers, Informatics, Nursing*. 2017;35(8): 408-416.
- Yokota S, Ohe K. Construction and evaluation of FiND, a fall risk prediction model of inpatients from nursing data. *Japan Journal of Nursing Science*. 2016;13(2): 247–255.
- Yokota S, Endo M, Hiramatsu T, Noguchi T, Miyo K, Ohe K. Construction, Evaluation, and Implementation of a Formula Predicting a Patient's Fall Risk Based on a Historical Cohort Study using Electronic Medical Records (EMR) Data. *Japan Journal of Medical Informatics*. 2014;34(3): 119-128. (in Japanese)

### **Awards & Honors**

- 16th Outstanding Paper Award, Japan Academy of Nursing Science (2017)
- Risk Management Study Best Award, The University of Tokyo Hospital (2014)
- Best Staff Award, The University of Tokyo Hospital (2013)
- U-35 Award, 13th Nursing Informatics Annual Meeting of Japan Association for Medical Informatics (2012)

### **Funding Information**

2021 – 2023

Co-Investigator

Japan Society for the Promotion of Science (Tokyo, Japan)

Grant Number: 21K19625

2018 – 2021

Research Collaborator

Japan Agency for Medical Research and Development (Tokyo, Japan)

Grant Number: 18le0210001h0001

2019

Co-Investigator

Ministry of Health, Labour and Welfare (Tokyo, Japan)

Grant Number: 19CA2014

2016 – 2019

Principal Investigator

Japan Society for the Promotion of Science (Tokyo, Japan)

Grant Number: 16K20977

2014 – 2016

Principal Investigator

Japan Society for the Promotion of Science (Tokyo, Japan)

Grant Number: 26870134

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