

Ms. Keiko Fukuta

Address: 3-15-18-201Rosenheim,Higashinara, Osaka,567-0861

Mobile: + (81)-80 1630 8784

E-mail: fukuta_keiko@yahoo.co.jp

Nationality: Japanese

Education

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|---------------------------------|---|
| September 2012 – September 2013 | MA Health Management, Planning and Policy
Nuffield Centre for International Health and Development,
University of Leeds (United Kingdom) |
| February 2002 – January 2004 | Advanced Diploma of Business (Accounting)
Central College (Australia) |
| April 1992 – March 1995 | Associate Degree in Clinical Engineering
Kawasaki College of Allied Health Profession (Japan) |

Employment History and Experience

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| Osaka University Hospital | April 2021 -Current |
| ➤ Specially Appointed Associate Professor, Medical Center for Translational and Clinical Research Department of Health Innovation | |
| • Supporting innovative medical device development in academia | |
| • Practical use of medical equipment and educational support using Bio-design methods and Research studio method | |
| Ministry Health, Labor and Welfare | November 2015 - March 2021 |
| ➤ Information Analysis Specialist, Health Bureau, Tuberculosis Infectious Diseases Division Pandemic Influenza Countermeasures | |
| ➤ Technical Officer, Medical devices policy office in the Economic Affairs Division | |
| • Procedure of the National Health Insurance System (National Health Coverage) of the New Medical Device | |
| • Pandemic influenza measures | |
| • COVID-19 measures | |
| • AMR measures | |
| St Maria Hospital | February 2015-October 2015 |
| ➤ Clinical Engineering Department | |
| • Health Technology Management | |
| Fujita Planning, Co., Ltd. | July 2014-January 2015 |
| ➤ Senior Researcher | |
| • Survey of healthcare systems and associated medical devices in Mexico, Bolivia, and Dominica | |
| World Health Organization | September 2013-January 2014 |
| ➤ Policy Access and Use Unit, Essential Medicines and Health Products Department | |
| • Compendium of Innovative health technologies for Low-Resource Settings | |
| • Second Global Forum: Responsible film viewing, and exhibition and co-chair in Innovative | |

Medical Devices for Low-Resource Settings

MC Healthcare, Inc.

- **Equipments management Department** **July 2004 – January 2012**
 - Budget management and Educating staff on the use of medical devices
 - Operating and maintaining most medical equipment in hospitals

Sanei Cardio Co., Ltd.

- **Sales Department** **April 1995 – August 2000**
 - Assisted doctors and operated life-support system and patient monitoring system as a member of cardiovascular departments at five main hospitals in Tottori city working on the inspection and treatment of heart catheterization and implantation of pacemakers.

Mbale Regional Referral Hospital (JICA: Japan International Cooperation Agency)

- **Volunteer (Incumbent dispatch system)** **September 2007 – September 2009**
 - Setted-up and followed-up the provision of medical devices through Japanese grant aid, installed in the 5 hospitals
 - Mbale Hospital (Main hospital)
 - Operated medical devices and educated staff
 - Established engineer department and operation
 - Selected medical devices purchased by the Ugandan government
 - Advised on management structure of hospital.
 - Local Hospital: Cure Children Hospital

Other activities

- The dissertation for Master degree
 - Titled “Improving maintenance of medical equipment in Uganda” (2013: Leeds)
- Congress
 - Presentation titled “Activities of the Japan Association for Clinical Engineers against COVID-19” at the 4th International Congress of Clinical Engineering and Health Technology Management (September 2022: USA)
 - Presentation titled “Healthcare Technology Management (HTM) by Japanese clinical engineers ~ The importance of CEs in hospitals in Japan ~ “at the 3rd International Congress of Clinical Engineering and Health Technology Management (September 2019: Roma)
 - Presentation titled “What is medical fee? -Pricing of new materials- “at the 72nd National Hospital General Medical Association (November 2018 年 Kobe)
 - Oral session on the topic of “Clinical Engineering” at the World Congress on Medical Physics and Biomedical Engineering (June 2018: Prague)
 - Presentation titled “Human resource development in overseas” at the 28th Congress of Japan Association for Clinical Engineers (March 2018: Yokohama)
 - Presentation titled “Introduction of education systems for clinical engineers in Japan” at the 1st International Congress of Clinical Engineering and Health Technology Management (September 2015: Hangzhou)
 - Poster session titled “Improving Maintenance of Medical Equipment in Uganda” at the WHO Second Global Forum on Medical Devices (November 2013: Geneva)
 - Presentation titled “Experiences of International Cooperation in Uganda and Future Vision in a

Clinical Engineer” at the 20th Congress of Japan Association for Clinical Engineers. (March 2010: Yokohama)

- Video letter from Uganda on the topic of “Clinical engineer working abroad” at the 18th Congress of Japan Association for Clinical Engineers. (March 2008: Akita)

➤ Congress’s Chair

- The 3rd International Congress of Clinical Engineering and Health Technology Management : Development of innovative devices (September 2019:Roma)
- World Congress on Medical Physics and Biomedical Engineering: Clinical Engineering(June 2018:Prague)
- The 2nd WHO Global Forum on Medical Devices: Innovative Medical Devices for Low Resource Settings (November 2013:Geneve)

➤ Committee

- International Exchange Committee, The Japan Association for Clinical Engineer (2015-Current)
- Funder member, The Global Clinical Engineering Alliance (2020-Current)
- Executive committee, The 3rd International Congress of Clinical Engineering and Health Technology Management

➤ Others

- Participation in the workshop of the “Priority Medical Devices for heart disease, stroke and diabetes” at the World Health Organization (July 2019: Geneve)
- External reviewer of the “Compendium of innovative health technologies for low-resource settings 2016-2017” World Health Organization
- Adviser for Compendium of innovative health technologies for low-resource settings 2014 (Formaldehyde gas sterilizer) ,2016-2017 (Surgical gown, self-donning and adjusting) and 2021(cool packs for Blood and Vaccine transportation)
- Introduced activities on an online movie titled; “Works of clinical engineer. Movie3 JICA” on the homepage of the Japan Association for Clinical Engineers” Web available from: <http://www.ja-ces.or.jp/m3.html>
- Serialized an article as one of “11 JICA members who are active abroad” in a magazine called Monthly Environment Business (from Vol.1 to Vol. 11 in 2008).

Certificates

- September 2010 Technical Course for responsible Engineer in Medical Equipment Conserving in a field of Artificial Organs
- September 2006 Basic Course for Medical Equipment Conserving
- September 1995 Second-class ME Proficiency Test (Translated from Japanese)
- April 1995 Regisrated Clinical Engineer
- January 1994 Car license

Languages

- Japanese native speaker
- English Score IELTS 6.5 (March 2012)