

**Target Countries :** Countries with challenges on basic management of medical equipment

**Course No. :** (A) 201984407-J002/ (B) 201984408-J002/ (C) 201984410-J002/ (D) 201984863-J002/ (E) 201984971-J002

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**Sector :** Health/Health System

**Sub-Sector :**

**Language :** (A) English/ (B) English/ (C) French/ (D) Russian/ (E) English

**Outline**

Human resource development for management and maintenance of medical equipment is the key to sustain quality medical service in development countries. Targeting countries with challenges in basic management of medical equipment, this course will provide basic knowledge and techniques of medical equipment management and maintenance to raise the quality of healthcare.

Objective/Outcome	Target Organization / Group	
<p><b>【Objective】</b> The objective of this course is to acquire knowledge and skills on management and maintenance of medical equipment and to sustain proper maintenance of medical equipment and materials at the participants' respective organizations.</p> <p><b>【Outcome】</b> (1) to be able to recognize and analyze current status and challenges regarding the medical equipment management and maintenance in participants' countries. (2) to be able to compare differences between participants' country system and Japanese system of medical equipment management and maintenance. (3) to obtain basic knowledge on specification, procurement of medical equipment. (4) to obtain basic skill and knowledge on management and maintenance such as planned preventive maintenance and repair for the medical equipment. (5) to be able to formulate a short-midterm action plan for practice in participants' countries of the obtained knowledge on medical equipment management and maintenance.</p>	<p><b>【Target Organization】</b> The Ministry of Health, national and referral hospitals, and biomedical engineering colleges/institutions</p> <p><b>【Target Group】</b> Senior Engineers engaged in management and maintenance of medical equipment in the above organizations</p>	
<p><b>Contents</b></p> <p>This course will provide lectures, practices and factory visit to Japanese manufacturer of medical equipment. This course provides opportunity to learn basics of management and maintenance of medical equipment including asset management and inventory, safety management, electrical engineering, electronics engineering, and microbiology. Also, in this course, the participants can acquire management skills such as Preventive Maintenance and workplace management approach called "5S".</p>	<p><b>Course Period</b></p>	<p>(A) 2019/4~2019/6 (B) 2019/6~2019/8 (C) 2019/8~2019/10 (D) 2019/10~2019/12 (E) 2020/1~2020/3</p>
	<p><b>Department in Charge</b></p>	<p>Human Development Department</p>
	<p><b>JICA Center</b></p>	<p>(A) JICA Tohoku (B) JICA Tohoku (C) JICA Tohoku (D) JICA Tohoku (E) JICA Tohoku</p>
	<p><b>Cooperation Period</b></p>	<p>2019~2021</p>

**Implementing Partner** (A) Under Planning/ (B) Under Planning/ (C) Under Planning/ (D) Under Planning/ (E) Under Planning

**Remarks and Website** Possible to be held in Russian and Portuguese.