

1. Project title
The Project of Medical Equipment Management for 3 Core Hospital in Vietnam
2. Country name
The Socialist Republic of Vietnam
3. Background
<p>In recent advanced medical care, medical devices are extremely important for diagnosis and therapy.</p> <p>We have been supporting Bach Mai Hospital (BMH) in the field of medical device management since 2017. It was revealed that the following issues were barriers to improving.</p> <ul style="list-style-type: none"> • Maintenance management such as periodic inspection and post-use inspection of medical equipment is not performed. • Standards of quality control have not been established. • There is no guideline and no legal system to evaluate the safety of medical devices. <p>It is urgently necessary to break away from these current situation, and it is extremely difficult to do work with BMH alone. In addition, through discussion with the Ministry of Health, we have been requested to assist to the other institutes in central and southern Vietnam.</p>
4. Objective
The aim is to improve the quality of medical care in Vietnam in terms of medical device management.
5. Program outline
<p>Technical Support to improve the Medical Equipment Management</p> <p>Objective 1: Technical support for medical device management and safety Objective 2: Support for institutionalization of medical device management and safety, etc. Objective 3: Support for market development in the field of medical equipment Objective 4: Establishing the social status of Bio-Medical Engineer (BME) by establishment of academic meetings and associations in clinical engineering</p>
6. Implementation structure
6-1. Japanese side
Center Hospital of NCGM, Teikyo University Hospital and Bureau of International Health Cooperation of the NCGM
6-2. Counterpart country side
Bach Mai Hospital, Hue Central Hospital and Cho Rai Hospital in Socialist Republic of Vietnam educational facilities of ME, medical device quality assesment center and the Ministry of Health in Socialist Republic of Vietnam

7. Indicator	
7-1. Output	<ul style="list-style-type: none"> - Number of trainee, - Sharing information of training : number of meeting and participants - Number of acquiring technique - Numeber of making manual and modifying manual
7-2. Outcome	<ul style="list-style-type: none"> - Number of team conferences - Number of training for lower level for related contents conducted by three hospitals - Making registration of medical equipment (number of equipments) - Distributing the manual of life supporting device
7-3. Impact	<ul style="list-style-type: none"> - Publicizing the manual of life supporting device - Regulations and Guidelines will be revised by Ministry of Health - Adopted as item of hospital evaluation by Ministry of health
8. Main activities	
8-1. 1st year	
1)	Visiting BMH by NCGM teams, analyzing problems and transferring knowledge and techniques
2)	Receiving Vietnamese for training at NCGM and other institutes for 2 weeks
3)	Providing guidance on the medical device management in Japan Conducting lectures by specialists in Japan Visiting to some institutes for guidance and practical training
4)	Giving and sharing data and findings among NCGM team and Vietnamase teams Conducting Vietnam-Japan joint seminar on reliable management of electrical safety
8-2. 2nd and 3rd year	
1)	Visiting BMH by NCGM teams, analyzing problems and transferring knowledge and techniques
2)	Receiving Vietnamese for training at NCGM and other institutes for 2 weeks
3)	Providing guidance on the medical device management in Japan Conducting lectures by specialists in Japan Visiting to some institutes for guidance and practical training
4)	Giving and sharing data and findings among NCGM team and Vietnamase teams Conducting Vietnam-Japan joint seminar on reliablity of life-support equipments (2nd year) Conducting Vietnam-Japan joint seminar on reliable water management of hemodialysis (3rd year)