**Organizational Structure**

**CRIETO accomplishments**

**Number of supported seeds**

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<th>Seeds A</th>
<th>Seeds B</th>
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**FY2019 supported development seeds**

- **33** in vitro diagnosis
- **11** regenerative medicine products
- **12** pharmaceuticals
- **50** ABC categorization
- **59** medical equipment
- **111** nine investigator-initiated clinical trials in progress

**Number of supported seeds (accumulated):** 294 seeds

**Examples**

**Supported seeds**

- Next-generation Fetal ECG monitoring system **IRIS MONITOR®**
  - Joint R&D partner: Atom Medical Cooperation
  - This is a successfully commercialized next-generation fetal ECG monitoring system based on the work of Professor Yoshitaka Kimura, Advanced Interdisciplinary Biomedical Engineering, Tohoku University School of Medicine. IRIS MONITOR®, a heart rate monitor capable of non-invasively measuring fetal heart rate through the mother's abdomen at the world's first such system to be successfully applied within clinical trials from the 24th week of pregnancy. Developed entirely in Japan within a perinatal clinical environment, IRIS MONITOR comes as a result of industry-academia collaboration in all facets of development, IP management, clinical trials, and commercialization. The development, commercialization and overseas expansion of genuine domestically made medical equipment are strongly hoped for in Japan, and the system has also attracted much attention in overseas markets, with future developments expected.

**Academic Science Unit (ASU)**

- **Japan Agency for Medical Research and Development (AMED)**
- **Tohoku University School of Medicine**
- **Research and Development Ministry of Health, Labour and Welfare (MHLW)**
- **Administration Ministry of Education, Culture, Sports, Science and Technology (MEXT)**
- **CRIETO**

**For more details about the research seeds, please visit our website:** [http://www.crieto.hosp.tohoku.ac.jp/seedlist/](http://www.crieto.hosp.tohoku.ac.jp/seedlist/)
I am committed to strengthening CRIETO’s research support structure to stimulate R&D aimed at practical application of results at Tohoku University Hospital, including clinical research and medical devices. CRIETO cooperates with the university and the private sector to develop cutting-edge medical technologies and promote R&D within Tohoku University, medical devices, and medical fields.

Dr. Nakazawa’s research and specialized areas:
- Cardiovascular Medicine
- Acute myocardial infarction, ischemic heart disease, etc.

Deputy Director, CRIETO
Department of Development Promotion
Dr. Hiroaki Shimokawa, MD, PhD.

The Development of Intellectual Property
The Department of Intellectual Property’s mission is to create value for the university’s intellectual property and to support research and development by encouraging the practical application of results.

Director, Department of Intellectual Property
Yasuyuki Togawa

The Department of Intellectual Property provides the following services:
- Registration of intellectual properties
- Support for intellectual property transactions
- Protection of intellectual property
- Management of the intellectual property portfolio
- Cooperation with universities and industries

Mr. Togawa’s research and specialized areas:
- Intellectual property
- Strategic management

Director, Department of Intellectual Property
Yasuyuki Togawa

The Department of Intellectual Property is essential for the successful operation of CRIETO. It performs various tasks, including the strategic management of intellectual property and the implementation of licensing agreements and related activities. The department also supports and manages a research strategy for medical and development through proper counseling.

Director, Research and Development Promotion
Takashi Shritoro, MD, PhD.

The Department of Intellectual Property focuses on policies regarding intellectual property and budgetary matters and shares them with all concerned parties.

Director, Department of Intellectual Property
Keiichi Jingu, MD, PhD.

The Department of Intellectual Property is committed to providing intellectual property support to all parties involved in clinical trials, including patients, clients, and clinicians.

Director, Department of Intellectual Property
Takashi Shritoro, MD, PhD.

The Department of Intellectual Property issues all necessary reports for clinical trials, including reports on intellectual property and other relevant matters.

Director, Department of Intellectual Property
Takashi Shritoro, MD, PhD.

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