IMSUT Hospital

Department of Medical Informatics
医療情報部

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Department of Medical Informatics is engaged in the management of hospital information systems, including infrastructure for the system and the electric medical records, at the Institute of Medical Science (IMSUT) Hospital. Hospital information system enables medical staff to securely provide patient care and helps to conduct clinical research. The current hospital information system has been renewed for better patient care since 2017.
We also devote ourselves to the development and improvement of infrastructure for a regional community-based medical cooperation network between IMSUT hospital and other healthcare providers.

1. Management and operation of the hospital information system and network

Hiroyuki Akai, Toshihiro Furuta, Shimpei Kato

We offer services related to the hospital information system of the IMSUT hospital. We work together with the IT service room of IMSUT, and the Information Technology Center of the University of Tokyo. We are obliged to maintain the hospital information service and the network system for better medical care, ensuring that patient medical records are saved in a standard format and are easily transferrable to other healthcare providers.

Our missions are as follows:
- Supervision, development, operation, and management of the hospital information system
- Education on the hospital information system to the medical staff
- Development and management of the network infrastructure for securely dealing with patient personal information and clinical records
- Day-to-day management and operation of the hospital information system and network
- General work concerning the operation of the hospital information system and network

2. IT support to a community-based healthcare provider network

Hiroyuki Akai, Toshihiro Furuta, Shimpei Kato

"Community-based integrated care systems" is a keyword for the Japanese healthcare system in this decade. IMSUT hospital belongs to its community-based healthcare provider network, and we continuously improve infrastructure for cooperation in the network.

Our hospital information system has been renewed since 2017, and in late 2023, we updated the system. The latest electronic healthcare record system will help refer patients from hospital to clinic and clinic to hospital in the network. Also, we constructed a network with the University of Tokyo Hospital (UTH) that can send medical images of our hospital to the Picture Archiving and Communication System of UTH.