

UGM Prof. Soedomo Dental and Oral Hospital Own a Dentomaxillofacial 3D CT

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UGM Prof. Soedomo Dental and Oral Hospital (RSGM) finally have 3D Digital Computed Tomography (CT) or Digital 3D CT for human teeth and jaw. From about 26 RSGM in Indonesia, only Prof. Soedomo Dental and Oral Hospital which has the tools valued at \$1.2 billion. The equipment that is quite important to dentistry is from Arsari Djojohadikusumo Foundation (YAD) grants.


The handover of the equipment is submitted directly by the Chairman of the YAD Hashim Djojohadikusumo to the Director of Prof. Soedomo Dental and Oral Hospital, Prof. Dr. drg. Munakhir Mudjosemedi, S.U, Sp.RKG (K), witnessed by the UGM Rector, Prof. Ir. Sudjarwadi, M. Eng., Ph.D., and Dean of the Faculty of Dentistry, Prof. Dr. drg. Iwa Sutardjo Rus Sudarso, S.U., Sp.KGA. (K).

Chairman of the Arsari Djojohadikusumo Foundation (YAD), Hashim Djojohadikusumo, said the 3D CT equipment will increasingly affect human resource development efforts in the field of oral and dental health for better competence. In the end, said Hashim, it will also have a positive impact for increasing the quality of public services through dental and oral health services.

"Hopefully, with this equipment there will be an improvement in dental and oral health services, particularly for disadvantaged communities and the dental health development as well as other related branches of science, like paleoanthropology," said Hashim.

In the same place, Prof. Dr. drg. Munakhir Mudjosemedi, S.U, Sp.RKG (K) said that for a teaching hospital like UGM Dental and Oral Hospital, 3D CT is a very important tool. With this tool, the dentist can prepare and diagnose various disorders of the teeth and mouth like broken jaw bone, tumor, and other with a very clear and detailed image.

"We have expected to have and utilize this tool for research development and education for a long time. Certainly, we are grateful to YAD that has provided the tool," said Munakhir, Wednesday (14/12).



Munakhir explained that in addition to the field of oral health, this tool is very useful for paleoanthropology science, one branch of Cultural Studies studying and researching fossils. If we pay attention, generally the part of human body which has the longest surviving time is head, including jaw and teeth that fossilized.

"Well, with the help of this tool we can identify the inside of the jaw or teeth with a three-dimensional images," he explained.

Dean of the Faculty of Dentistry also acknowledged the budget and facilities limitations at teaching hospitals in Indonesia compared to one in foreign countries. He mentioned examples such as bedding facility related to Dentomaxillofacial cases in Indonesia which is minimal. It is different from foreign countries which is quite excessive.

"For example, in Japan or China for bedding related to Dentomaxillofacial alone it could reach 100 units. Here there are only three, so the gap is very obvious," said Iwa.

Therefore, the presence of a 3D CT tool from YAD will help in to improve services in Prof. Soedomo Dental and Oral Hospital, including services to the poor.

Meanwhile, Prof. Ir. Sudjarwadi, M. Eng., Ph.D also hoped that the presence of 3D CT in Prof. Soedomo Dental and Oral Hospital will further improve the quality of health services to the community. It will also benefit the development of education, research and community service.

"There is a lot of aid received by UGM as performed by Mr. Hashim through YAD. Hopefully, this is useful for the development of education, research, and community service," said Sudjarwadi.

At the ceremony, inscription signing was done by Hashim Djojohadikusumo while cover unveiling of the equipment was done by the Rector in Radiology Room.

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