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Korea to get an AI healthcare system soon

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Samsung Medical Center (SMC) is collaborating with Microsoft Korea to build a Korean artificial intelligence (AI) precision healthcare system using Azure, a cloud platform based on Microsoft's AI.

The two companies have signed a memorandum of understanding (MoU) for analyzing medical data in the cloud, optimizing clinical decision making and establishing disease-specific prediction models.

Microsoft Korea will provide the IT infrastructure for medical data processing and analysis, while SMC will promote three AI pilot research projects based on genome data, image data, and sleep data based on it.

SMC has developed a medical research information platform that has been actively pursuing to build a medical AI infrastructure. Based on Microsoft's latest artificial intelligence algorithms and massive cloud infrastructures and using the big systematic data of SMC that includes medical care and health checkup information, the two companies have continuously developed AI models for disease-specific AI diagnosis, early detection of cancer disease and AI diagnosis technology.

Microsoft Korea will provide systematic education that includes basic courses and deepening courses to improve the AI utilization capacity of the SMC’s medical staff, which has the largest number of gene researchers and data among domestic medical institutions.