AI for Nephrology Using Electronic Medical Records

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Analysis of electronic medical record data, which is clinical real-world data, is expected to create new knowledge including new drug discovery targets. In LINC, projects such as stratification of diseases, detection of adverse events and discovery of unmet medical needs are in progress using electronic medical record data in collaboration with academia, life companies and IT companies. In this presentation, we will introduce an example of data analysis for renal disease using hospital-scale data conducted at Kyoto University Hospital, and discuss the possibility of using clinical real-world data for future drug discovery.