



Lecture Code : BD01-S2

Session Name : Big Data

Session Topic : -

Date & Time, Place : June 19 (Thu) / 15:00-17:00 / Room 1 (GBR 101)

---

## **Analysis of Korean ESRD Patients Using KORDS Data: Insights from Previous Studies**

**Yu Ah Hong**

*The Catholic University of Korea Daejeon St. Mary's Hospital , Republic of Korea*

---

The Korean Renal Data System (KORDS) established by the Korean Society of Nephrology in 1985, is a nationwide registry that comprehensively collects demographic, clinical, and treatment data from patients with end-stage renal disease (ESRD) in Korea. The primary objectives of the KORDS registry are to estimate the burden of ESRD, evaluate dialysis practices and outcomes, and support public health policy. Although KORDS has collected valuable data for almost 40 years, it is still not used enough in research. This presentation reviews selected studies that have successfully utilized KORDS data to explore key public health and clinical issues related to ESRD. Through these studies reviews, practical insights into study design, data extraction, and analysis strategies will be provided. In addition, step-by-step guidance on how to initiate and conduct research using KORDS will be outlined. This lecture aims to promote the active use of KORDS data by demonstrating its practical applications and supporting high-quality research that can improve patient outcomes.

**Keywords:** KORDS, big data, hemodialysis, peritoneal dialysis, kidney transplantation