multi-stage cluster sampling (Xuzhou city)

five municipalities in Xuzhou

Random sampling

Yunlong district, Quanshan district

Typical sampling

Affiliated Hospital of Xuzhou Medical University, Xuzhou Central Hospital

five counties in Xuzhou

Random sampling

Xinyi county, Pei county

Typical sampling

People's Hospital of Xinyi County, People's Hospital of Pei County

rural inpatients insured by URRBMI in the four public hospitals between 2018 and 2021