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Session Topic : Cardio-reno-metabolic Axis

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## **Current and future of telemedicine and telenephrology**

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There is increasing interest in telemedicine among physicians and patients. Telemedicine has several advantages, including cost savings, convenience, more consistent management of medical conditions, patient engagement, and the ability to provide care to people with mobility limitations. The COVID-19 pandemic ushered in a telemedicine boom in health systems across the globe because of fears of spreading and catching the virus during in-person medical visits. However, there also remain disadvantages of telemedicine, including limited evidence, lack of regulation, impersonal feeling, and technical issues. While telemedicine is convenient for patients, the data obtained in telemedicine is limited. To assess physiological parameters, we need to evaluate values using a minimal amount of samples obtained in a non-invasive manner. To perform high-level telenephrology, it is essential to monitor eGFR, electrolyte levels, and other important parameters remotely. Recent technical advance will solve these issues soon and pave the way to future telenephrology.

**Keywords:** telemedicine, CKD, patient care, monitoring