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Session : Vitallink Symposium 1

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Session Title : Organ Transplantation state in Southeast Asia

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## **Organ Transplantation state in Laos**

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**Title: Organ Transplantation state in Laos The abstract** According the 2010 Global Burden of Disease study, chronic kidney disease was ranked 27<sup>th</sup> in the list of causes of total number of deaths worldwide in 1990, but rose to 18<sup>th</sup> in 2010. People with kidney failure typically receive kidney replacement therapy (KRT) in the form of dialysis or transplantation. Kidney failure morbidity and mortality depend greatly on the quality of treatment received. Limited access to dialysis is common in low income countries and low middle income countries, resulting in a high number of preventable deaths. Kidney transplantation results in lower mortality and risk of cardiovascular events and improved quality of life compared with dialysis. Regardless, access to transplantation is limited in many countries due to a number of health system (e.g., personnel, infrastructure, system coordination, financing) and cultural (e.g., public and professional attitudes, legal environment) factors. In Laos, the number of chronic kidney disease patients and dialysis patients has increased. Two third of the patients lived in the urban and rural area. Accessibility of the kidney replacement therapy, the Hemodialysis (HD) was the only modality of the KRT available in Laos. The Lao government has increased its focus on kidney failure in recent years and has provided one HD center each provincial hospital. A few of end stage kidney disease patients had accessed kidney transplantation at the oversea. In 2022, the kidney transplantation project in Laos had initiated under the International Society of Nephrology - The Transplantation Society Sister Transplant Centers (ISN-TTS STC) program, collaboration between Mittaphab hospital, Vientiane capital Laos and Ramathibodi hospital, Bangkok Thailand. Both sides held a joint meeting to discuss and plan to implement the project. By clearly defining the activities in each phase, such as the first phase, the sister center will assess the readiness to establish a new kidney transplant center and provide knowledge about the organization of multidisciplinary teams and workshops. The regulation of the kidney transplantation in Laos has been discussed under the ministry of health and support via the Asian Society of Transplantation. **Keywords:** Chronic Kidney Disease, Kidney Replacement Therapy, Kidney Transplantation.

# Asian Transplantation Week 2023



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