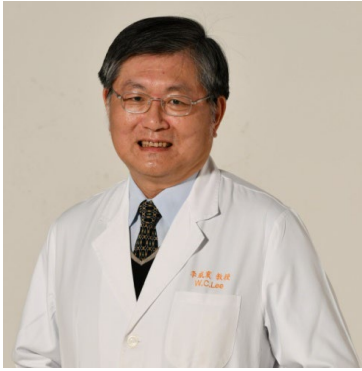


CV of ASSMN 2024 Invited Faculty



Wei-Chen Lee

Country

Taiwan

Position & Organization

Professor and Vice Superintendent, Chang Gung Memorial Hospital

Major Field

HCC, Liver Transplantation, Immunology, Cell-therapy

Short Bio (in 300 words)

Professor Wei-Chen Lee is Professor of General Surgery, Attending Doctor and Chief of Surgery at Chang Gung Memorial Hospital (CGMH) in Taoyuan, Taiwan. In addition, he is Head of the Chang Gung Transplantation Institute at CGMH in Linkou, Taiwan.

Professor Lee completed his medical education at Taipei Medical University and his surgical residency at CGMH. He has since remained at CGMH, becoming an Attending Doctor in the Department of Surgery in 1994. Between 1996 and 1998, he was a Research Fellow in the Department of Transplantation at the University of Pittsburgh Medical Center, PA, USA, before progressing to his current positions.

Professor Lee’s research interest lies in transplantation immunology and tumor immunology. He has been involved in over 60 research projects in Taiwan. Professor Lee speaks regularly at local and international conferences, and has published more than 150 research articles in journals such as the *Annals of Surgery*, *British Journal of Surgery* and the *American Journal of Transplantation*.

Professor Lee’s expertise as a transplantation surgeon in Taiwan has allowed him to actively participate in professional societies. He is an active member of the Surgical Association of the Republic of China, the American and International Society of Transplantation, and the International Society of Liver Transplantation. Furthermore, he was the former president of Transplantation Society of Taiwan.

Peri-Operative Care for Liver Transplant Patients

Wei-Chen Lee

Department of General Surgery, Chang-Gung Memorial Hospital, LinKou, Taoyuan, Taiwan.

Liver transplantation is the only effective treatment for acute liver failure and end stage of liver diseases. Liver transplantation is also the treatment for hepatocellular carcinoma with the best outcomes if the tumors meet the criteria. However, liver transplantation is high technique-demanded, and careful peri-operative patients' care is essential to guarantee the success of liver transplantation.

Pre-operative patient care includes assessment of liver transplant candidates and managements of the complications of liver failure. The complications of liver transplantation include varices bleeding, hepatoencephalopathy, coagulopathy, ascites, infection, etc. All these complications must be well-controlled prior to liver transplantation to let the patients be suitable to have liver transplantation.

After liver transplantation, patient care included management of surgical complications, immunosuppression induction and maintain to prevent acute cell-mediated or antibody-mediated rejection, prophylaxis and treatment of infection, etc. The importance pf post-operative care is not less than surgery itself.

In conclusion, liver transplantation is not just a surgery, but also medical care of the patients. Peri-operative care is very complicated. Cooperation of surgeons, intensivists, physicians, and paramedical persons were essential to guarantee the success of liver transplantation.