



Microvascular Workshop for Liver Transplantation



Introduction

Liver transplantation is now on the way of progress in our Department. Our current aim is sustainability and to do one case per month regularly and to make it a routine operation. Hepatic artery anastomosis is the key in liver transplantation. And we need vascular reconstruction in Bench operation, anastomosis of Hepatic vein, Portal vein and the key Hepatic artery anastomosis in recipient organ implantation in liver transplant. Therefore, we, Hepatobiliary pancreatic and liver transplant surgeons should know basic principles of microvascular anastomosis and should do proper and systematic anastomosis.



Aim

To achieve knowledge and skill in

microvascular anastomosis and to attain hands-on training

Event

Professor Tin Tin Mar has organized and arranged to make it this microvascular workshop with the help of Yee Shin and KLS Martin Company. We held this workshop from 8 am to 4 pm on 17th October, 2018 as pre-conference workshop of 22nd Biennial Surgeons' Conference at Skill Lab, University of Medicine 1, Yangon, Myanmar.

We invited Prof Aung Zaw Myo from Cardiovascular department, Yangon General Hospital and Dr May Me Myo from Plastic Surgery department, YGH as faculties. And the surgeons from our department were trainees and there were total 12 participants.

During training, faculties presented about basic principles, tips & tricks in microvascular anastomosis, and instrument handling first and then question and answer section was done.



Then trainees practised vascular anastomosis like Graft and Hepatic vein (end-to-side),

Portal vein anastomosis (end-to-end), and Hepatic vein anastomosis (end-to-end) using goat aorta and Hepatic artery anastomosis using femoral artery of chicken. Faculties supervised and guided during practice and showed how to overcome difficulties.



All the experiences were invaluable and training was very precious. All the trainees showed their interest and practised enthusiastically. The workshop finished only at 6 pm after giving presents to trainers and evaluation & obtaining feedback.



Conclusion

This workshop is an invaluable, and very precious for surgeons. It is very good to make it happen like this in own department and country. No need to go abroad for microvascular training and this one can eliminate the difficulties encountering during training in foreign countries. Language barrier can also be removed. And because of the trainers, trainees got satisfied with this training and thought that it made a very precious day for career and for patients. Good use of this experience and practice in liver transplantation and in routine practice is very beneficial in deed.