



Travel Grant Report Form

Name and origin of applicants

[State name and origin of applicants]

Caroline Stolt, Rocio Alonso, Maria Ohm - transplant coordinators Malmö, Sweden

Purpose granted

[State purpose of the study granted in the application]

A three-day course in Normothermic Regional Perfusion, NRP, at the transplant center at The Royal Infirmary in Edinburgh, Skotland

Amount granted

[Amount granted in DKK]

22 000 DKK

Time and place of visit

[State time and place of visit]

Course description Edinburgh Normothermic Regional Perfusion Masterclass 27-29 June 2022 in Skotland.

Report

[Report of the visit/study – 300 words]

Course description Edinburgh Normothermic Regional Perfusion Masterclass 27-29 June 2022

Thanks to the scholarship we got from Scandiatranplant we were able to do this NRP masterclass.

What was supposed to be a study visit to the transplant center at The Royal Infirmary in Edinburgh instead became a three-day course in Normothermic Regional Perfusion, NRP, at the hospital for us. In the spring of 2020, we had planned a study trip to Edinburgh to visit their transplant unit. Unfortunately, the pandemic put an end to that like so much else. In the spring of 2022 we resumed contact with Edinburgh to plan our visit. We were invited to participate in the NRP Masterclass. After reading the course program, we accepted without hesitation.

Since a couple of years ago, DCD (Donation after Circulatory Death) exists as a track in Sweden. Much of the Swedish protocol is taken from Great Britain, which has had DCD in its donation operations significantly longer than Sweden. In donation operations on donors in the DCD track, NRP is combined as an organ-preserving treatment. It works like ECMO and allows the organs to be donated to recover after the circulatory arrest and gives the recipients the best conditions for well-functioning grafts with long survival. In Sweden, it has happened about ten times at the transplant units at Karolinska Hospital and Sahlgrenska University Hospital. After we got home, our section manager Clara Paul decided that we should also implement NRP.

The course alternated between lectures and simulations. The course participants were from mixed professions and there were about 35 of us. Transplant surgeons, anesthesiologists, perfusionists, operating room nurses and transplant coordinators were represented from Great Britain, USA, Australia, Spain, Switzerland, Finland and then the two of us from Sweden. Everyone participated in everything and switched roles with each other during the simulations to better understand each other's tasks. The course was well organized and structured. The lecturers had extensive experience and good knowledge which they shared. It was an open climate and time for questions and discussions. We both agreed that it is the best course we have both taken.

One evening, all of us participants were invited to dinner in the Fellow's Library in Surgeon's Hall. The medical society was formed in 1505 and some of the oldest buildings remain, but we stayed in the newer ones from the beginning of the 19th century. Edinburgh has a long tradition in medicine and healthcare and it became a reality when we were shown around the halls to the library at Surgeon's Hall led by two bagpipe boys. Our dinner was taken among very old portraits and books. It was a memorable evening and no one could mistake that we were in Scotland.

With our new knowledge in NRP, we will be able to develop a protocol for NRP so we can begin to implement NRP in the Southern healthcare region. We made many contacts on the course who will be a support to us just as we will be a support to colleagues, IVA staff and surgery staff. Ahead of us we have a great deal of work to turn what we have learned into reality during the fall and next spring. That we look forward to!

Malmö 2022-09-20 Maria Ohm and Caroline Stolt

Evaluation

[Personal evaluation and "lesson learned"]

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