

ESOT Transplant Fellowship 2021 - Report

Name	Anders
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Institution	Medical University of Vienna
Department	Department of Thoracic Surgery
City, Country	Vienna, Austria

Project description and outcomes achieved:

- **Fellow in Thoracic Surgery and Lung Transplantation**
- **Department of Thoracic Surgery and Lung Transplantation, Medical University of Vienna, Vienna, Austria**
- **September 2021 – August 2022 (1 year)**

As a Fellow in the Lung Transplant unit in Vienna, I was fully involved in all aspects of the general thoracic and lung transplant services, both clinically and academically, and acted as an early consultant level colleague in their surgical team. My achievements include amongst others the involvement in 350 thoracic surgical operations, departmental teaching of junior colleagues, setting up of a randomised controlled trial, co-writing of a transplant manual, a book chapter, and a commentary in the JTCVS and delivering of three international presentations on behalf of the department. All while in my spare time completing my British FRCS exam, compiling the evidence required for a GMC specialty registration (CESR) application (including >a dozen courses during the fellowship year), and applying for a consultant job in thoracic surgery in my home institution at the Freeman Hospital in Newcastle upon Tyne, UK.

During my fellowship in Vienna, I had the great opportunity to utilise and build on the full range, depth, breadth of experience and skills required for a first day consultant thoracic surgeon while mentoring junior colleagues in procedures like bronchoscopies, lung explanations and VATS lobectomies and anatomical segmentectomies.

Not least in the management of our donor and recipient patients within the lung transplant program, I was intensely involved in optimising organ performance in the donor hospital or through ex vivo lung perfusion, assessing translatability of the donor organs and the optimal management of our transplant patients in theatre and post-operatively in our intensive care unit.

In more sub-specialized areas like lung implantation and major airway surgery, I have gained invaluable experience over the past year having implanted seven lungs under supervision and participated in >60 further implants and 25 cricotracheal or carinal resections. I have also gained vast experience assisting in surgery for invasive thymic cancers requiring central vascular reconstructions, PEA surgery for chronic thromboembolic pulmonary hypertension, EPP/EPD surgery for malignant mesothelioma, robotic surgery for mediastinal mass resections, first rib resections for thoracic outlet syndrome, >70 thoracic surgical procedures utilising vv or va-ecmo

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support, and many other procedures only possible to see in significant numbers in large volume lung transplant centres like the one in Vienna.

During my fellowship year, I performed a quality improvement project co-authoring a complete English manual for the Vienna lung transplant program, which has since then been distributed to all fellows and international visitors to the unit. I have also co-authored the protocol for a RCT in lung transplantation on va-ecmo and helped get it through a complex ethics approval process and ultimately been able to see it reach the point of recruiting its first participants.

I would like to extend my greatest appreciation to Professors Konrad Hoetzenecker and Walter Klepetko and all the other members of the team in Vienna and to the European Society for Organ Transplantation for giving me this opportunity and making it a hugely valuable learning experience that I'm convinced will benefit me and my future patients for the rest of my career no matter what the future will bring.

Many thanks

Sincerely



Mr Anders Andreasson, MD, PhD, FRCSEd (C-Th)

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