

Protocol

Nordic Pancreas and Islet Transplant Group (NπTG) meeting at

Clarion Hotel, Arlanda Airport

April 8th 2019, 09.30 – 15.30

- Welcome and introduction (*Bengt Gustafsson*)
- Further matters to the agenda - *none*
- Election of chairman and secretary for the meeting - *Bengt Gustafsson and Torbjörn Lundgren*
- Minutes from last meeting October 8th 2018 (*Bengt Gustafsson*)
Read through and minor discussion regarding protocol from Copenhagen
- Update of activities (*all centres*)
 - Copenhagen** - 2 SPK since last meeting
 - Helsinki** - New head of department. 23 SPK (one death due to dissection of iliac artery on kidney side, followed by sepsis and heart failure). Helsinki now perform ultrasound guided biopsies from the pancreas itself. No real problems. Other centres interested in the technique.
 - Oslo** - 2 SPK on the waiting list. Several patients awaiting PTA but all heavily immunized. 15 transplants in 2018. Variations regarding technique. 6 islet transplantations done. 2 exported to Sweden.
 - Stockholm** – 9 tx (8 SPK ,1 PTA) 2018. 4 SPK 2019. 2 Islet alone 2019.
 - Uppsala** – 2 SPK and 12 islet transplants in 2018. 2 SPK, 1 PTA in 2019. Some bleeding problems but grafts functioning well. 2 islets 2019.
 - Göteborg** - 4 2018 SPK. None 2019.
 - Vilnius** - Observers at the meeting. Is starting an islet program. Rudbeck is planned to perform the isolations. Has a small SPK programme.
- Discussion - proposed topics:
 - Pancreas usage and offers 2018 (*Ilse Weinreich*)
Please see attachment.

- Waiting list and allocation/exchange 2018 (*Ilse Weinreich*)

Discussion regarding X matches when pancreases are sent between centers. A wish from Stockholm would be to receive blood from donor in advance to perform X matches. Other centers agree that a virtual X match should be enough for exchange and that a flow x match can be done at the site to confirm lack of HLA antibodies. All centers (except Stockholm) agrees on that this can be done in less than an hour.

To understand why pancreases are not sent for islet isolation we need more specific information. In donors below 50 years of age only 4 were used for islet isolation. In this group there were 33 mentioned as “poor organ function” and 20 “no matching recipients”. Unclear if this only for whole pancreas or both pancreas and islets. Might be a substantial source for islets. Christina Andreasson and Torbjörn/Olle to look into this further

- New pancreas follow-up registry (*Ilse Weinreich*)

Up and running. Helsinki/Cph/ UAS/ Oslo started. Quick reminder on how the registry works. YASWA. Discussion regarding diabetes diagnosis. Everyone encouraged to enter patients and help improve the system

- Exchange Rules (*Allan Rasmussen, Bengt Gustafsson*)

Where does the “pay back” go to? Preferably to the donating center rather than to the country. Discussion between coordinators.

SAE: *two cases in Oslo where liver transplantation has had vascular problems. One local and one with a foreign surgeon was involved. Important that if more than 1 abdominal surgeon is involved, they should both participate in the surgery and agree when vessels etc are cut*

- Spinal Ischemia in Pancreas Transplantation - an update (*Torbjörn Lundgren*)

Five cases reported from Britain, another one from Prague in addition to a previously reported case from Stockholm (2017). Risk for this devastating complication about 1/500 transplantations. Recommended that patients should be informed about this pre-transplant

Torbjörn is asked to check with major centers in the US if they have similar experiences

- Update of current IS protocols (*Bengt Gustafsson*)

Everyone happy with the present common protocol

- Present and future studies

Islets

Simultaneous autologous T reg and allogenic islet transplantation study. First patient transplanted in Stockholm. Total of 6-10 planned

LMW DS-2. A new study with low molecular dextrane sulphate similar to CIT01 will start this summer. Total of 18 transplantations planned. Stockholm/Uppsala, but plans to expand to Oxford and Edmonton.

Pancreas

Study involving Grafalon and Thymoglobuline together w Neovii should be seen mainly as a study involving sampling and not a drug trial.

- Any other business

There is a need for separate meetings focusing on islets or pancreas. It was decided to try find a form where we in one meeting day can both see to larger questions involving allocation donors etc and more focused meetings. The chairman will take this in consideration in planning future meetings.

It was thought that we needed to propose a new chairman, but our guidelines say it's possible with 3+3 years which gives us at least year to plan this.

Scandiatransplant has a 50-year jubilee in Aarhus May 9th

- Next meeting

2019 October 7th, Arlanda Airport. Stockholm