

Nordic Pancreas and Islet Transplant group



Date: April 10th 2018

Location: Clarion Hotel, Arlanda, Sweden

1. Opening of the meeting

Bengt Gustafsson welcomed all to Arlanda.

2. Election of chairman for the meeting

Bengt Gustafsson was elected chairman.

3. Election of secretary for the meeting

Bengt von Zur-Mühlen was elected secretary.

4. Approval of the agenda

The agenda was approved.

5. Update of the e-mail list

Frank Pedersen updated the e-mail list. Any further additions can be e-mailed to Frank Pedersen.

6. Minutes from last meeting 10th October 2017.

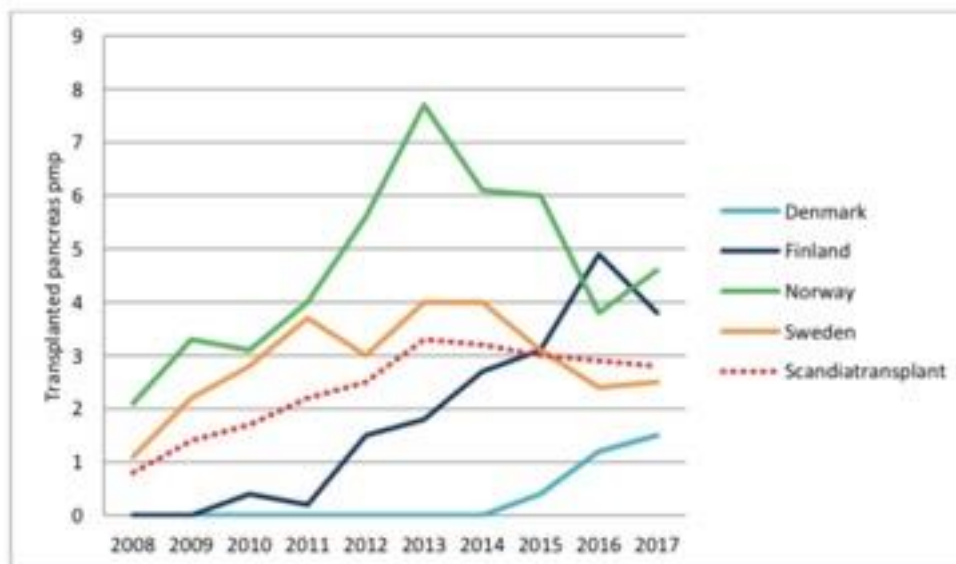
All minutes are available on Scandiatransplant's homepage.

<http://www.scandiatransplant.org/members/nordic-pancreas-group/minutes>



7. Update of activities

In total 80 pancreas and 20 islets transplantations were done in 2017, figure pmp below.



Stockholm:

- **Pancreas:** In 2017 6 SPK + 4 single pancreas and during 2018 1.
- **Islets:** 2017 1 islet, 2018 1 islet. The last recipient with rare complication bleeding to the gall bladder

Uppsala:

- **Pancreas:** 2017 5 SPK + 2 single pancreas. three recipients with early arterial thrombosis (first month) – now ASA is given earlier. 2018 one single pancreas.
- **Islets:** 2017 7 islets, 2018 until now 5 islets.

Oslo:

- **Pancreas:** 2017 11 SPK + 13 single pancreas. Noticed lower rate of thrombosis after earlier introduction of ASA and Rheomacrodex day 0 and 1. Anastomosis still to the duodenum, discussion ongoing. 2018 2 SPK and 1 PTA.
- **Islets:** 2017 11 islet transplantations, 2018 3 islet transplantations (2 patients) whereof 1 islet alone (IA) and one islet after kidney (IAK).

Copenhagen:

- **Pancreas:** 2017 9 SPK. 2018 until now 1. No thrombotic complications in the total of 19 cases.

Helsinki:

- **Pancreas:** 2017 in total 21 pancreases (all SPK), one was re-operated due to pancreatitis. 2018 until now 9 SPK.

Only 9 (6 SPK + 3 single pancreas) and 3 pancreas for islet transplantation crossed country borders in 2017.

Pancreas Exchange rules

d.



Discussion of changes in the exchange rules and a reminder that the rules of today for pancreas are recommendations (kidneys have rules). The purpose is to increase the number of pancreas for beta cell replacement. Today we have in total 28 active on SPK waiting list, and 21 waiting for single. Today there is almost no exchange between centers and compliance is scarce.

Allan Rasmusen showed a new written suggestion with approximately 95 % agreement with the present recommendations, but a change to rules and a rota-list with rota by country.

It was decided that each country should only have one entry on the rota-list.

There are some local priority rules and the kidney group has to be involved if the kidney is involved (SPK). Finland still prefers recommendations mainly due to delay of the payback kidney, for example the rare young B donor. If a center accept the organ they are obliged to retrieve the pancreas. Another problem is sending sera for cross-matches.

The group decided that Marko Lempinen, Bengt Gustafsson and Allan Rasmusen will write a new document with rules and local exceptions, distribute the document to all centers for agreement and then finalized by Ilse.

e. **Simultaneous islet-kidney transplant and islet after kidney transplant**



Ehab Rafael from Malmö reported on a protocol for SIK – simultaneous islet and kidney. Induction with ATG+SM, maintenance with Tac and MMF, minimum 2000-4000 IEQ/kg, <72h post kidney, infusion via mesenteric vein during kidney tx or to the portal vein. Islet and pancreas should complete not compete. All patients with T1DM and CRF, not suitable for SPK should have a decision in advance for the option of SIK in their records when they are actualized for the kidney

waiting list. Steroids in the protocol?

f. Reimbursement cost for pancreas harvesting and transport for solid organ and islet

Olle Korsgren clarified that part of the costs for islet isolation are covered by national strategic research resources and the Swedish centers receive 330 000 SEK annually.

g. Rudbeck laboratory

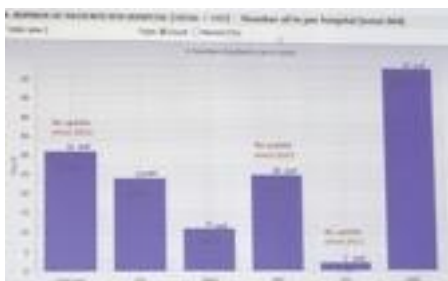
The Rudbeck laboratory will be closed 7th May 2018 for one week during renovation of ventilation. Pancreas can be shipped to Oslo, but the sera bank is still in Uppsala. Logistical solutions will be discussed between the laboratories.

h. Reporting of Serious Adverse Event or Serious Adverse Reaction



Ilse Duus: According to EU53/2010 directive there has to be systems to report SAE/SARs in relation with organ transplantation. ScandiTransplant has investigated if it is possible to report these events in their system. In December the system was implemented in YASWA. Reports can be sent out to all coordinators by e-mail or SMS. Mainly donor process related complications such as infections/malignancies/wrong X-match...

9. Status from NIR - Nordic Islet Registry



Maria Svenaeus-Lundgren reported the registration situation in NIR. Bengt Gustafsson told us that Gothenburg will resume their islet program.

10. Suggested variables in a common pancreas follow-up registry

- Within the ScandiTransplant it-system YASWA
- Could start in autumn 2018 – adding all data for 2018
- Yearly follow up updates
- Suggested parameters: Age, Tx type, diabetes duration, indication on top of T1DM, RRT, BMI, CM, Donor age, BMI, CIT, reoperation intervention, HbA1c, C-peptide, Insulin need, rejection, GFR, reason for graft loss, Cause of death, antibodies, vascular reconstruction
- QoL – SF36?, hypoglycemic events (Clark/HYPO score), CGM parameters

11. Present and future studies (Torbjörn Lundgren)

a. Autologous T-reg

Ready to go in Stockholm, the protocol might be extended to Uppsala. Harvested earlier, transplanted at the same time but transplanted in separate bags.

b. Grafalon (previous ATG-Fresenius)

At the moment only, Helsinki is using Grafalon, the rest use Thymoglobulin. The company wants to sample and analyse different indicators for T-cells. There is a very basic synopsis – 15 patients in every group. Decision to go on to discuss a study.

12. Election of chairman for the NπTG

Suggestions should be ready before the next meeting, when a chairman is elected.

13. Next meeting

The NπTG has decided having meetings twice yearly. The next meeting is on Monday 8th October 2018. The meeting will be in COPENHAGEN, Clarion (Old Hilton).

Bengt von Zur-Mühlen
Secretary

Bengt Gustafsson
chairman

Participants:

Allan Rasmussen, Copenhagen
Paul Krohn, Copenhagen
Bengt Gustafsson, Gothenburg
Marko Lempinen, Helsinki
Ehab Rafael, Malmö
Anders Knutsson, Malmö
Einar Martin Aandahl, Oslo
Hanne B. Scholz, Oslo
Ingebjørg Kvangarsnes, Oslo
Johan Nordström, Stockholm
Torbjörn Lundgren, Stockholm
Malin Aram, Stockholm
Irodotos Nikas, Stockholm
Marko Murruste, Tartu
Aksel Espen Foss, Uppsala
Bengt von Zur-Mühlen, Uppsala
Maria Svenaeus Lundgren, Uppsala
Olle Korsgren, Uppsala
Christina Andreasson, Uppsala
Ilse D. Weinreich, Scandiatransplant
Frank Pedersen, Scandiatransplant