

MINUTES OF WEBEX MEETING_COST4KIDS

PDWP

Date: 10/06/2019. Webex meeting

Leaded by: Dr. Antonio Pérez Martínez (Hospital Universitario La Paz)

Participants:

1. Antonio Pérez Martínez (Hospital Universitario La Paz)
2. Karin Mellgren (University of Gothenburg)
3. Pietro Merli (Bambino Gesù)
4. Fulvio Porta (Spedali Civili di Brescia Brescia)

5. Cristina Ferreras (Hospital Universitario La Paz)

Main issues addressed:

A. Pérez summarises comments and discussions in the previous webex meeting:

- ⇒ Safety is the main aim in the combined transplant procedure:
- ⇒ Consider to start from an easier to a more complex approach:
 - HLA Match: mixed chimerism could be transient or permanent according to the literature
 - HLA haplo: mixed chimerism could only be transient but it should be enough to induce tolerance
 - Full donor chimerism could be too risky
- ⇒ Start with Liver or kidney organs
- ⇒ Which type of HSCs should be infused:
- ⇒ Conditioning
- ⇒ Possibility of including basic researchers (immunologists)

Liver is considered a more tolerogenic organ but more work has been done in kidney. Gut could get a major benefit because outcomes are usually worse.

From ERN TransplantChild a proposal for a COST Action (European Cooperation in Science and Technology) about improving paediatric Solid organ transplantation by inducing tolerance through Hematopoietic stem cell transplantation and other cell therapies (SHINE) was submitted in November 2018, the results are available and it will be shared along with the proposal. It will be resubmitted by early September, members of PDWP are welcome to join and comment on the proposal.

Next Steps:

They agreed further progress will be achieved in a face to face meeting. The 27th of September Friday in Madrid is proposed where specialists from solid organ transplant interested in collaboration would be invited

An agenda for the face to face meeting will be sent soon