### Study ID 202311_MCL

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<td>Date of Approval:</td>
<td>Nov 2023</td>
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<td>Name of study:</td>
<td>Outcomes in men with PAIS</td>
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### Summary
There is very little information on fertility in men with PAIS. The I-DSD Registry platform offers a unique international resource to study this. Two different studies will be performed collecting retrospectively and then prospectively long-term data on fertility of men over the age of 16 years old, in order to find out more about the fertility of PAIS patients and to see if there is a link with other treatments received such as testosterone at different time points.

### Inclusion criteria
Study 1. Observational cross-sectional study - All men above the age of 16yrs with a reported diagnosis of PAIS.
Study 2. Longitudinal retrospective study - All cases in Study 1 with a genetically confirmed diagnosis of PAIS.
3. Longitudinal prospective study - All cases identified in Study 2

### Data to be collected for all participating cases:
1. Observational cross-sectional study
The data set that will be collected will include the core dataset, diagnostic certainty, age-appropriate I-DSD assessment.
2. Longitudinal retrospective study
Cases identified Study 1 that are confirmed to have PAIS and where the centres can provide retrospective DSD assessment data at one time point closest to the age of birth, 4yrs, 8yrs, 12yrs, 16yrs, 20yrs, 30yrs and 50yrs.
3. Longitudinal prospective study
Cases identified in Study 2 that are confirmed to have PAIS and where the centres have provided retrospective data, they will be asked to provide data at one time point closest to the age of 20yrs, 30yrs and 50yrs.
In the 3 studies, those cases where sperm assessment or assisted conception is reported, further information will be obtained.

### Expected outputs
We expect that there should be at least one manuscript and this will be preceded by scientific communications at national and international endocrine meetings. We also believe that work will guide clinicians on the transition of boys with PAIS from childhood to adulthood.
**Publication Plan for authorship in outputs (refer to guidance)**

We will adhere to the sdmregistries recommendations. All reporting centres that participate will be included as co-authors as long as they contribute to the writing of the manuscripts. For further information please contact the PI.