

Guideline on routine donor samples required by each laboratory in case of organ exchange within Scandiatransplant for CHILD donors

Definition: Child <12 years of age.

Due to small total blood volume of children, the volume possible to draw from these organ donors can be critical in regards to existing guidelines

(<http://www.scandiatransplant.org/organ-allocation/Revisionofroutinedonorsamples210217.pdf>)

As all tissue typing laboratories in Scandiatransplant now performs HLA typing for all 6 loci (HLA-A,B,C,DRB1,DQB1,DPB1) and the types is registered in YASWA 24-7, it is not necessary to repeat to perform confirmatory typing. That will reduce the necessary volume drawn.

This also applies for the test for infectious diseases.

The recipient centers need blood to perform:

Confirmatory AB0 type

Crossmatch

We suggest that the volume drawn for recipient centers is restricted to:

4 mL EDTA (AB0 typing)

2*10 mL EDTA (crossmatch)

In case of very small organ donor, it should be considered to replace to blood for crossmatch with a piece of spleen.