

Thrombosis prophylaxis after kidney transplantation in children

Activity/Section: Transplant Centre Children

Date	Administrators	Set-up	Revision date
20160609	Maria Magnusson	Lars Wennberg	20170609

PM/GUIDELINES FOR: Thrombosis prophylaxis after kidney transplantation in children

Medicines:

Fragmin: Fragmin 35E/kg x1 s.c. The operator decides when the first injection can be given post-op. and treatment continues until the patient is fully mobilised, i.e. about 7 days.

Trombyl: Deposited at the end of Fragmin and is discontinued after 3 months.

Dosage: less than 10 kg: 37.5 mg every other day (= T Trombyl 75 mg, ½ tablet every other day)

10-30 kg: 37.5 mg x 1 (= T Trombyl 75 mg, ½ tablet daily)

more than 30 kg: 75 mg x 1 (= T Trombyl 75 mg, 1 tablet daily)

Other measures:

Sudden fluid shifts should be avoided; additional doses of furosemide must not be given without reconciliation with transplant hotline in the early postoperative phase.

Risk patients:

In case of increased thrombosis risk, intensified thrombosis prophylaxis should be considered, e.g. in Antiphospholipid syndrome, Protent C deficiency, Protein S deficiency, FV mutation (APC resistance) FII mutation, antithrombin deficiency, congenital nephrose and/or previous thromboembolism/anticoagulant therapy. In these cases, contact with paediatric coagulation is recommended well in advance of the treatment programme operation.

Sampling:

For all at-risk patients, day 6 post op: APTT, INR, fibrinogen, d-dimer, Heparin LM(FXa), antithrombin, FVIIIacute and any specific analysis depending on the patient's risk profile. *Please note that the samples are taken 3 hours after a given Fragmin dose and these samples must not be taken from the heparinised entrance.* Reply to child coagulation consultant (via tel below) for a position on modified treatment program. If a reply is received on weekends, Fragmin treatment will be extended until the next weekday.

Complications:

In case of bleeding or thrombosis, contact with transplant back-call/children's nephrologist who in turn consults Children's Coagulation Consultant/Coagulationsjour vb.

**Phone number:**

Transplant service: 08/58585171, Seeker 7515

Child Hepatologist: 08/58580898

Child Coagulation Consultant: 08/51775120 (daytime Mon-peace), other times via coagulation hotline

Koagulationsjour: via Karolinska Solnas vxl. 08751770000, 24 hours a day

Version history

Each document should contain a history that tells you, for each version, what changed, who made the change and when the change was made.

Version	Date	Change and comment	Responsible
2	2018-04-26	New template, new organisation.	Lars Wennberg
1	2016-12-16	New PM.	Lars Wennberg

Administrator: Linda Brorsson/Carolinska/SLL; Camilla Grape/Carolinska/SLL

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