

Project proposal: Outcome of catheter based interventions for acute ilio-femoral deep venous thrombosis in children and adults

We are looking for one undergraduate research student for the project

Background

Large deep vein thrombosis of the lower limbs occurs predominantly in two peaks during life, i.e. late teenagers with underlying coagulopathy and again in middle age. Catheter-directed interventions have may probably prevent/decrease post-thrombotic syndrome in these patients groups. However almost all research in this area has been directed towards adults, rather than the paediatric patient group. From adult studies, it is known that the effect of catheter-based interventions are greatest in younger patients. This has been extrapolated to the paediatric group, and although that sounds reasonable it should be emphasized, that this group has other underlying conditions that predisposed to the deep vein thrombosis, and thus results may not be directly comparable.

Aim

To determine the frequency of post-thrombotic syndrome in both paediatric and adult patients.

Methods

Review of electronic patient charts from all that have undergone catheter-based interventions in the last 10 years. All patients are followed for 2 years after the thrombotic event. For those were it is more than 2 years since we have seen them they will be invited to a follow-up visit.

Mentors

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Practical information

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