

Clinical trials of antithrombotics for thrombosis prevention in arthroscopy

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1 Low molecular weight heparin

| Trial | Treatments | Patients | Trials design and methods |
|---|--|---|---|
| deltaparin vs control | | | |
| Michot , 2002 n=66/64 follow-up: 30 days | deltaparin 2500IU 60-120min before procedure, followed 6hrs after the end of the procedure by 2500IU (<70kg) or 5000 IU(>70kg) versus no treatment | patients requiring diagnostic or therapeutic arthroscopic knee surgery as outpatients; aged 18 to 80 years. | Parallel groups open Switzerland. |
| enoxaparin vs control | | | |
| Canata , 2003 n=18/18 follow-up: 6 days | enoxaparin sc daily (dose not specified) versus no treatment | ACL reconstruction for symptomatic ACL-deficient knees | Parallel groups Italy |
| nadroparin vs control | | | |
| KANT (7 days) , 2008 n=657/660 follow-up: 3 months | once-daily subcutaneous injection of LMWH (nadroparin, 3800 anti-Xa IU) for 7 days versus full-length graduated compression stocking for 7 days | patients undergoing knee arthroscopy | Parallel groups open (blinded assessment) Italy |
| Roth , 1995 n=61/61 follow-up: 4 days | 0.3 ml sc fraxiparine 2 hours before the operation and self administered daily (except the first two doses) for 4 days after surgery versus no treatment | patients undergoing ambulatory arthroscopic | Parallel groups Germany |
| nadroparin 14d vs control | | | |
| KANT (14 days) , 2008 n=444/660 follow-up: 3 months | once-daily subcutaneous injection of LMWH (nadroparin, 3800 anti-Xa IU) for 14 days versus full-length graduated compression stocking for 7 days | patients undergoing knee arthroscopy | Parallel groups open (blinded assessment) Italy |
| reviparin vs control | | | |
| Wirth , 2001 n=117/122 follow-up: 7-10 days | reviparin 1,750 anti Xa IU Sc once daily for 7-10 days versus no treatment | elective knee arthroscopy | Parallel groups open (blind assesement) Germany |
| extended-duration thromboprophylaxis vs standard-duration thromboprophylaxis | | | |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|---|---|--|
| Marlovits , 2007 n=87/88 follow-up: <=28 days | extended-duration thromboprophylaxis with enoxaparin for 20 days versus standard thromboprophylaxis with enoxaparin (3 to 8 days) | patients who had undergone arthroscopic surgery of the anterior cruciate ligament | Parallel groups double-blind Austria |

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2 About TrialResults-center.org

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Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

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