

Clinical trials of LMWH for DVT prophylaxis in orthopedic surgery

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1 Low molecular weight heparin

| Trial | Treatments | Patients | Trials design and methods |
|--|--|----------------------|---------------------------|
| nadroparin vs enoxaparin | | | |
| FX140, Simonneau G , 2006 n=NA follow-up: | - | - | |
| semuloparin vs enoxaparin | | | |
| SAVE-HIP1 , 2012 [NCT00697099] n=1161/1165 follow-up: | Semuloparin 20 mg once-daily versus Enoxaparin 40 mg once-daily | - | |
| SAVE-KNEE , 2012 [NCT00718224] n=-576/574 follow-up: | Semuloparin 20 mg once-daily versus Enoxaparin 30 mg twice-daily | - | |
| SAVE-HIP 2 , 2012 [NCT00721760] n=500/503 follow-up: | Semuloparin 20 mg once-daily versus Enoxaparin 40 mg once-daily | hip fracture surgery | Parallel groups |
| enoxaparin vs no treatment | | | |
| Warwick , 1995 n=78/78 follow-up: 8-10 days | enoxaparin 4000x1 + elastic stockings versus no treatment + elastic stockings | Elective hip | open |
| nadroparin vs no treatment | | | |
| Yoo , 1997 n=50/50 follow-up: 10 days | nadroparin 41/kgx1 days 1-3, 62/kg x1 days 4-11+elastic stockings versus no treatment | Elective hip | open |
| ardeparin vs placebo | | | |
| Levine , 1996 n=122/124 follow-up: 14 days | ardeparin 50/kgx2 +elastic stockings versus Placebo+elastic stockings | Knee | double blind |
| dalteparin vs placebo | | | |
| Jorgensen , 1989 n=30/38 follow-up: 9 days | dalteparin 5000 x1 versus Placebo | Hip fracture | double blind |
| Torholm , 1991 n=58/54 follow-up: 9 days | dalteparin 5000x1 versus Placebo | Elective hip | double blind |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|---|-----------------|----------------------------------|
| enoxaparin vs placebo | | | |
| Kalodiki , 1996 n=13/14 follow-up: discharge (8-12 days) | enoxaparin 4000x1 versus Placebo | Elective hip | double blind |
| Leclerc , 1991 n=65/64 follow-up: 14 days | Enoxaparin 3000 x2 versus Placebo | Knee | double blind |
| Samama , 1997 n=85/85 follow-up: 8-12 days | enoxaparin 4000x1+elastic stockings versus Placebo+elastic stockings | Elective hip | double blind |
| Turpie , 1986 n=50/50 follow-up: 14 days or discharge | Enoxaparin 3000 x2 versus Placebo | Elective hip | double blind |
| nadroparin vs placebo | | | |
| Sourmelis , 1995 n=72/78 follow-up: 10-12 days | nadroparin 3075x1 preop, 6150x1 post op versus Placebo | Hip fracture | double blind |
| tinzaparin vs placebo | | | |
| Lassen , 1991 n=105/105 follow-up: 8-10 days | tinzaparin 50/kg x1 +elastic stockings versus Placebo+elastic stockings | Elective hip | double blind |
| dalteparin vs Dextran | | | |
| Matzsch , 1991 n=120/123 | dalteparin versus Dextran | Elective hip | |
| Eriksson , 1988 n=50/50 | dalteparin versus Dextran | Elective hip | |
| Matzsch , 1988 n=48/52 | dalteparin versus Dextran | Elective hip | |
| enoxaparin vs Dextran | | | |
| DES Group , 1991 n=120/126 | Enoxaparin versus Dextran | Elective hip | |
| certoparine + DHE vs Unfractionated heparin | | | |
| Haas , 1987 n=80/80 | Sandoz +0.5mg DHE versus Unfractionated heparin | Elective hip | |
| Lassen , 1989 n=68/71 follow-up: 6 days | certoparin 3000+0.5mg DHE x1 versus placebo | Hip fracture | double blind |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|--|-----------------|----------------------------------|
| Lassen , 1988 n=118/122 follow-up: 6 days | certoparin 3000+0.5mg DHE, x1 versus Placebo | Elective hip | double blind |
| dalteparin vs Unfractionated heparin | | | |
| Binsack , 1986 n=48/47 | dalteparin versus Unfractionated heparin | Elective hip | |
| Barre , 1987 n=40/40 | dalteparin versus Unfractionated heparin | Elective hip | |
| Dechavanne , 1989 n=82/40 | dalteparin versus Unfractionated heparin | Elective hip | |
| Eriksson , 1989 n=67/69 | dalteparin versus Unfractionated heparin | Elective hip | |
| Haas , 1985 n=65/65 | dalteparin versus Unfractionated heparin | Elective hip | |
| Monreal , 1989 n=46/44 | dalteparin versus Unfractionated heparin | Hip | |
| enoxaparin vs Unfractionated heparin | | | |
| Levine , 1991 n=333/332 | Enoxaparin versus Unfractionated heparin | Elective hip | |
| Planes , 1988 n=124/113 | Enoxaparin versus Unfractionated heparin | Elective hip | |
| fluxum vs Unfractionated heparin | | | |
| Chiapuzzo , 1988 n=70/70 | Fluxum versus Unfractionated heparin | Elective hip | |
| Pini , 1989 n=25/24 | Fluxum versus Unfractionated heparin | Hip | |
| nadroparin vs Unfractionated heparin | | | |
| Leyvrax , 1991 n=203/206 follow-up: | Fraxiparin versus Unfractionated heparin | Elective hip | |

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2 About TrialResults-center.org

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