

Clinical trials of Footpump

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1 thrombosis prevention

Trial	Treatments	Patients	Trials design and methods
Footpump (monotherapy) vs control			
Scurr , 1981 n=33/33 follow-up:	Plantar flexion and dorsiflexion of the feet while the patient is on the operating table by the use of a mechanical device (the Pedi-Pulsor) versus control	abdominal or thoracic surgery	open
Wilson , 1992 n=28/32	-	Elective knee replacement	open
Footpump vs LMWH			
Stone , 1996 n=NA follow-up:	intermittent pneumatic calf compression versus Enoxaparin	total hip replacement	Parallel groups open
Warwick , 1998 n=143/147 follow-up: 8 days	A-V Impulse System foot pump versus LMWH	primary total hip replacement	Parallel groups open
Blanchard , 1999 n=130 follow-up: 12 days	continuous intermittent pneumatic compression of the foot by means of the arteriovenous impulse system versus one daily subcutaneous injection of nadroparin calcium (dosage adapted to body-weight)	patients undergoing total knee arthroplasty	Parallel groups open (blinded assessment)
Footpump (adjunctive therapy) vs UFH then aspirin			
Stannard (vs UFH+asp) , 1996 n=25/25 follow-up:	intermittent pulsatile pneumatic-pump compression of the plantar venous plexus versus UFH followed by aspirin	patients undergoing elective total hip replacement arthroplasty	Parallel groups open

More details and results :

- mechanical devices for thromboprophylaxis for thrombosis prevention in all type of patients at <http://www.trialresultscenter.org/go-Q402>

References

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Blanchard, 1999:

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Stannard (vs UFH+asp), 1996:

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