Clinical trials of GCS

TrialResults-center www.trialresultscenter.org

1 thrombosis prevention

Trial	Treatments	Patients	Trials design and methods
GCS vs ???			
Schirai , 1985 n=126/126	-	-	
IPC + GCS vs control			
Turpie , 1989 n=NA follow-up: 14 days	graduated compression stockings plus intermittent pneumatic compression versus untreated control	potential neurosurgical patients	Parallel groups open
IPC + GCS vs GCS			
Goldhaber , 1995 n=164/166 follow-up: hospital stay	intermittent pneumatic compression (IPC) plus graduated compression stockings (GCS) versus standard compression stockings alone	patients undergoing coronary artery bypass without concomitant valve surgery or coronary endarterectomy	open
Fordyce , 1992 n=NA follow-up:	venous foot pump (A-V Impulse System) versus control	elective hip replacement	open
Rokito , 1996 n=NA follow-up:	TED stockings and thigh-length cuffs that provided sequential pneumatic compression to the calf and thigh versus bilateral thigh-high thrombosis embolic deterrent (TED) compression stockings (Kendall Company, MA).	neurosurgery	Parallel groups open
Turpie , 1989 n=NA follow-up: 14 days	graduated compression stockings plus intermittent pneumatic compression versus graduated compression stockings alone	neurosurgery	open
Wautrecht , 1996 n=NA	-	neurosurgery	open
Caprini , 1983 n=NA	-	general surgery	open

continued...

Trial	Treatments	Patients	Trials design and methods
Lacut , 2005 n=151 follow-up: 1 days	elastic stockings combined with intermittent pneumatic compression versus elastic stockings alone	patients with a documented intracerebral hemorrhage	Parallel groups open
Pambianco , 1995 n=NA	-	stroke	open
IPC + GCS +LMWH vs GCS +LMWH			
Dickinson , 1998 n=23/21 follow-up: 1 month	sequential compression device +enoxaparin (+ GCS) versus enoxaparin (+GCS)	neurosurgery, patients with brain tumors	open
IPC + GCS vs LMWH			
Norgren , 1998 n=NA follow-up:	IPCD/FID + GCS versus LMWH	elective knee remplacement	open
GCS vs no prophylaxis			
Barnes , 1978 n=10/8 follow-up:	graded-compression stockings versus nostockings	patients undergoing total hip replacement	parallel groups
*Inada , 1983 n=NA follow-up:	graduated compression stocking on one leg versus no GCS on the other leg serving as a control.	patients undergoing major surgery	
Rosengarten , 1970 n=NA	-	-	
*Ohlund , 1983 n=NA follow-up:	-	elective total hip arthroplasty	
*Wille-Jorgensen , 1989 n=NA follow-up:	regional anesthesia and graded compression stockings versus general anesthesia	elective hip arthroplasty	
*Tsapogas , 1971 n=51/44	-	-	
*Scurr , 1977 n=70/70 follow-up:	graduated static compression stockings on one leg versus other leg being used as a control	patients undergoing 65279;Abdominal surgery	open

continued...

Trial	Treatments	Patients	Trials design and methods
Turner , 1984 n=104/92 follow-up:	graduated compression stockings versus not wear the stockings	patients undergoing Gynecologic surgery	parallel groups
Allan , 1983 n=97/103 follow-up:	graduated compression stockings versus control	patients undergoing Abdominal surgery	parallel groups
Turpie (GCS vs crtl) , 1989 n=80/81 follow-up:	graduated compression stockings versus untreated control	patients undergoing Neurosurgery surgery	
Holford , 1976 n=48/47 follow-up:	Graded compression versus control	patients undergoing major operations	parallel groups
CLOTS , 2009 n=1256/1262 follow-up: 30 days	Thigh length graduated Compression Stockings versus no graduated Compression Stockings	Acute Stroke patients	Parallel groups open, blind asessor 3 countries
IPD or GCS vs no prophylaxis			
Turpie (IPD or GCS) , 1989 n=78/81 follow-up:	-	-	
IPC + GCS vs UFH			
Niolaides , 1983 n=NA follow-up:	IPCD + GCS versus UFH	general surgery	open
Santori , 1994 n=67/65 follow-up:	IPC + GCS versus UFH	elective hip replacement	open
GCS + asp vs aspirin			
Muir , 2000 n=NA follow-up:	graded compression stockings versus standard care alone	stroke	Parallel groups open (blinded assessment)
Kierkegaard , 1993 n=NA follow-up:	Graduated compression stockings were randomly fitted to one leg versus the otherleg serving as a control	myocardial infraction or ACS	
GCS + dextran vs dextran			

continued...

Trial	Treatments	Patients	Trials design and methods
*Bergqvist , 1984 n=80/80 follow-up:	one leg encased in a graded compression stocking versus other leg unstockinged	patients undergoing Abdominal surgery	
Fredin , 1989 n=44/46 follow-up:	graded compression stockings + dextran versus dextran alone	patients undergoing THR surgery	parallel groups
GCS +IPC vs IPC			
Mellbring , 1986 n=NA follow-up:	graduated static compression + peroperative intermittent pneumatic calf compression versus peroperative intermittent pneumatic calf compression	patients undergoing major abdominal surgery	Factorial plan
Scurr (GCS+IPC vs IPC) , 1987 n=78/78 follow-up:	simultaneous use of graduated compression stockings and intermittent sequential pneumatic compression versus intermittent sequential pneumatic compression	patients undergoing Abdominal surgery	parallel groups
GCS vs LMWH			
Camporese , 2008 n=660/667 follow-up:	full-length graduated compression stocking for 7 days versus once-daily subcutaneous injection of LMWH (nadroparin, 3800 anti-Xa IU) for 7 days or 14 days	patients undergoing knee arthroscopy	Parallel groups open Italy
GCS + LMWH vs LMWH			
Kalodiki (GCS+LMWH vs LMWH) , 1996 n=NA follow-up:	enoxaparin (40 mg once daily) plus graduated elastic compression (TEDR stockings) for 8-12 days versus low molecular weight heparin: (enoxaparin 40 mg once daily)	patients having elective total hip replacement	Parallel groups
Knee length GCS vs Thigh length GCS			
Hui THR , 1996 n=18/22 follow-up:	Knee length GCS versus Thigh length GCS	Orthopaedic patients THR	parallel groups

continued...

Trial	Treatments	Patients	Trials design and methods
Hui TKR , 1996 n=22/32 follow-up:	Knee length GCS versus Thigh length GCS	Orthopaedic patients TKR	parallel groups
William , 1996 n=NA follow-up:	Knee-length graduated compression stockings versus thigh-length graduated compression stoc	orthopaedic surgery	
Porteous , 1989 n=58/58 follow-up:	Knee length GCS versus Thigh length GCS	65279;General surgical patients	parallel groups
Williams , 1988 n=44/44 follow-up:	Knee length GCS versus Thigh length GCS	General surgical patients	parallel groups
Howard , 2004 n=99/195 follow-up:	Knee length GCS versus Thigh length GCS	Breast surgery, oncology, ENT, urology, vascular, neurosurgery. And gastrointestinal surgery	parallel groups
GCS vs UFH			
Fasting , 1985 n=NA follow-up:	graded compression stockings (TED stockings, Kendall Co.) versus low-dose heparin (Heparin Leo 5 000 I.U. subcutaneously twice daily)	elective major surgery	Parallel groups
Hansberry (vs UFH) , 1991 n=NA follow-up: 6 days	thromboembolic stockings versus heparin plus dihydroergotamine	patients undergoing a major urological operation	Parallel groups
Rasmussen (GCS vs UFH) , 1998 n=74/85 follow-up:	graduated compression stockings to the knee (TED stockings) versus subcutaneous heparin	patients (age more than 40 yrs) admitted for major abdominal surgery	Parallel groups open
GCS + UFH vs UFH			
*Rasmussen (adj) , 1988 n=NA follow-up:	subcutaneous heparin and graduated compression stockings to the knee (TED stockings), versus subcutaneous heparin	patients (age more than 40 yrs) admitted for major abdominal surgery	Parallel groups open
Torngren , 1980 n=NA	-	-	

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Trial	Treatments	Patients	Trials design and methods
Wille-Jorgensen , 1985 n=86/90 follow-up:	low-dose heparin treatment with graded compression stockings versus low-dose heparin treatment (5000 units twice daily subcutaneously)	patients undergoing Abdominal surgery	parallel groups
Wille-Jorgensen , 1991 n=83/83 follow-up:	low dose heparin and graded compression stockings versus low dose heparin	patients undergoing Abdominal surgery	parallel groups

More details and results :

- graduated compression stockings for thrombosis prevention in all type of patients at http://www.trialresultscenter.org/go-Q158
- mechanical devices for thromboprophylaxis for thrombosis prevention in all type of patients at http://www.trialresultscenter.org/go-Q402
- mechanical devices for thromboprophylaxis for thrombosis prevention in orthopaedic surgery at http://www.trialresultscenter.org/go-Q465
- mechanical devices for thromboprophylaxis for thrombosis prevention in general non orthopaedic surgery at http://www.trialresultscenter.org/go-Q466

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2 coronary artery disease

Trial	Treatments	Patients	Trials design and methods
GCSF Granulocyte-Colony Stimulating Factor vs placebo			
Seiler *ongoing* [NCT00886509] n=NA follow-up: 6 months	Subcutaneous Administration of Pegylated Granulocyte-Colony Stimulating Factor versus placebo	patients with stable coronary artery disease treatable by PCI	Parallel groups double blind

More details and results :

- cell-based therapies for coronary artery disease in all type of patients at http://www.trialresultscenter.org/go-Q300

References

Seiler, :

ongoing trial NCT00886509

Entry terms: UFH