

Clinical trials of digoxin

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1 heart failure

Trial	Treatments	Patients	Trials design and methods
digoxin vs placebo			
Lee , 1982 n=25/25 follow-up: 53 days	65279;digoxin titrated to mean serum level of 1.15 ng/mL, mean dig dosage .435 mg/day versus placebo	outpatients without atrial fibrillation	cross-over double blind
Taggart , 1983 n=22/22 follow-up: 3 months	digoxin (mean plasma dig level 1.2 ng/mL) versus placebo (digoxin withdrawal)	patients with sinus rhythm who had a previous history of frank heart failure	cross-over double blind
Fleg , 1982 n=30/30 follow-up: 3 months	65279;digoxin titrated to serum level of 1.0 to 2.0 ng/mL versus placebo	patients with chronic clinically compensated congestive heart failure and normal sinus rhythm	cross-over double blind
Captopril-Digoxin Multicenter Research Group (CDMRG) , 1988 n=NA follow-up: 6 months	65279;digoxin of .125-.375 mg/day titrated to serum levels of .7-2.5 ng/mL versus placebo (digoxin withdrawal)	patients with mild to moderate heart failure.	parallel group double blind
German and Austrian Xamoterol Study , 1988 n=NA follow-up: 3 months	65279;digoxin .125 mg twice daily (mean plasma dig level .87 ng/mL) versus placebo	patients aged 29-80 with mild to moderate heart failure	parallel group double blind
Guyatt , 1988 n=20/20 follow-up: 7 weeks	65279;digoxin titrated to serum level of 1.54 2.56 nmol/L (1.22.0 ng/mL), mean dig dosage 0.391 mg/day versus placebo	congestive heart failure patients in sinus rhythm	cross-over double blind
DiBianco , 1989 n=NA follow-up: 3 months	65279;digoxin .125-.5 mg/ day versus placebo	patients in sinus rhythm with moderately severe heart failure	parallel group double blind

continued...

Trial	Treatments	Patients	Trials design and methods
Pugh , 1989 n=44/44 follow-up: 2 months	65279;digoxin (patients usual dose) versus placebo (digoxin withdrawal)	patients with stable heart failure in sinus rhythm and plasma digoxin concentrations over 0.8 ng/ml	cross-over double blind
Blackwood , 1990 n=61 follow-up: 3 months	65279;digoxin .25 mg/day versus placebo	patients with heart failure	parallel group double blind
Radiance , 1993 n=85/93 follow-up: 3 months	digoxin titrated to serum level of 1.2 ng/mL (mean dig dosage .38 mg/day) versus placebo (digoxin withdrawal)	patients with New York Heart Association class II or III heart failure and left ventricular ejection fractions of 35 percent or less in normal sinus rhythm who were clinically stable while receiving digoxin, diuretics, and an angiotensin-converting-enzyme inhibitor (captopril or enalapril)	double blind
Proved , 1993 n=42/46 follow-up: 3 months	65279;digoxin titrated to serum level of 1.2 ng/mL (median dig dosage .375 mg/day) versus placebo (digoxin withdrawal)	patients with chronic, stable mild to moderate heart failure	withdrawal trial double blind
DIMT , 1993 n=55/53 follow-up: 6 months	65279;digoxin .25 mg/day (mean plasma level .94 ng/mL) versus placebo	patients with mild to moderate chronic heart failure	parallel group double blind
Digitalis Investigation Group (DIG) , 1997 [NCT00000476] n=3397/3403 follow-up: 37 mo (mean)	digoxin dosage at investigators discretion (median baseline dosage in main trial of .25 mg/day) versus placebo	patients with left ventricular ejection fractions of 0.45 or less and normal sinus rhythm	Parallel groups Double blind US, Canada

More details and results :

- digitalis glycosides for heart failure in all type of patient at <http://www.trialresultscenter.org/go-Q78>

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