

Clinical trials of pharmacological cardioversion

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1 atrial fibrillation

Trial	Treatments	Patients	Trials design and methods
pharmacological cardioversion vs rate control			
AFFIRM , 2002 [NCT00000556] n=2033/2027 follow-up: mean 3.5y	rhythm control - the antiarrhythmic drugs used included amiodarone, disopyramide, flecainide, moricizine, procainamide, propafenone, quinidine, sotalol, dofetilide or combinations chosen by the treating physician. cardioversion could be employed if necessary versus necessarystate control - beta-blockers, calcium-channel blockers, digoxin or combination of these drug.	patients with recurrent atrial fibrillation and who were at least 65 years of age or who had other risk factors for stroke or death	Parallel groups open
PIAF , 2000 n=127/125 follow-up: 12 months	rhythm control - amiodarone (600mg for 3 weeks, 200mg maintenance) for pharmacological cardioversion followed if necessary by electrical cardioversion versus rate control - diltiazem90mg BD/TDS and additional therapy at the discretion of the treating physicianall patients were anticoagulated throughout the study period	patients with with chronic atrial fibrillation	Parallel groups open
AF-CHF , 2002 [NCT00597077] n=682/694 follow-up: 37 months	maintenance of sinus rhythm (rhythm control) versus control of the ventricular rate (rate control)	patients with a left ventricular ejection fraction of 35% or less, symptoms of congestive heart failure, and a history of atrial fibrillation	Parallel groups open

More details and results :

- rhythm control for atrial fibrillation in all type of patients at <http://www.trialresultscenter.org/go-Q112>

References

AFFIRM, 2002:

Wyse DG, Waldo AL, DiMarco JP, Domanski MJ, Rosenberg Y, Schron EB, Kellen JC, Greene HL, Mickel MC, Dalquist JE, Corley SD A comparison of rate control and rhythm control in patients with atrial fibrillation. *N Engl J Med* 2002;347:1825-33 [[12466506](#)]

PIAF, 2000:

Hohnloser SH, Kuck KH, Lilienthal J Rhythm or rate control in atrial fibrillation—Pharmacological Intervention in Atrial Fibrillation (PIAF): a randomised trial. *Lancet* 2000;356:1789-94 [[11117910](#)]

AF-CHF, 2002:

Roy D, Talajic M, Nattel S, Wyse DG, Dorian P, Lee KL, Bourassa MG, Arnold JM, Buxton AE, Camm AJ, Connolly SJ, Dubuc M, Ducharme A, Guerra PG, Hohnloser SH, Lambert J, Le Heuzey JY, O'Hara G, Pedersen OD, Rouleau JL, Singh BN, Stevenson LW, Stevenson WG, Rhythm control versus rate control for atrial fibrillation and heart failure. *N Engl J Med* 2008 Jun 19;358:2667-77 [[18565859](#)]