

Clinical trials of electrical cardioversion

TrialResults-center www.trialresultscenter.org

1 atrial fibrillation

Trial	Treatments	Patients	Trials design and methods
electrical cardioversion vs rate control			
Hot cafe , 2004 n=104/101 follow-up: 1.7 y	Cardioverted using internal or external cardioversion and then given prophylactic anti-arrhythmic drugs versus rate control (beta-blockers, digitalis, calcium antagonists or atrioventricular node ablation/modification with or without pacemaker implantation)	patients with persistent atrial fibrillation	Parallel groups open
RACE , 2002 n=266/256 follow-up: 2.3 y	Rhythm control: serial cardioversions and antiarrhythmic drugs and oral anticoagulants versus Rate control (rate slowing medication and anticoagulation)	patients with persistent atrial fibrillation after a previous electrical cardioversion	Parallel groups open
STAF , 2003 n=100/100 follow-up: 1.6 y	Direct current cardioversion with drugs to maintain sinus rhythm versus rate control and anticoagulants (or antithrombotics)	patients with persistent atrial fibrillation	Parallel groups open
J-RHYTHM <i>ongoing</i> n=NA	-	-	Parallel groups

More details and results :

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

References

Hot cafe, 2004:

Opolski G, Torbicki A, Kosior DA, Szulc M, Wozakowska-Kaplon B, Kolodziej P, Achremczyk P Rate control vs rhythm control in patients with nonvalvular persistent atrial fibrillation: the results of the Polish How to Treat Chronic Atrial Fibrillation (HOT CAFE) Study. Chest 2004;126:476-86 [[15302734](#)]

RACE, 2002:

Hagens VE, Rancho AV, Van Sonderen E, Bosker HA, Kamp O, Tijssen JG, Kingma JH, Crijns HJ, Van Gelder IC Effect of rate or rhythm control on quality of life in persistent atrial fibrillation. Results from the Rate Control Versus Electrical Cardioversion (RACE) Study. J Am Coll Cardiol 2004;43:241-7 [[14736444](#)]

Van Gelder IC, Hagens VE, Bosker HA, Kingma JH, Kamp O, Kingma T, Said SA, Darmanata JI, Timmermans AJ, Tijssen JG, Crijns HJ A comparison of rate control and rhythm control in patients with recurrent persistent atrial fibrillation. N Engl J Med 2002;347:1834-40 [[12466507](#)]

STAF, 2003:

Carlsson J, Miketic S, Windeler J, Cuneo A, Haun S, Micus S, Walter S, Tebbe U Randomized trial of rate-control versus rhythm-control in persistent atrial fibrillation: the Strategies of Treatment of Atrial Fibrillation (STAF) study. J Am Coll Cardiol 2003;41:1690-6 [[12767648](#)]

J-RHYTHM, 0:

ongoing trial