

Clinical trials of Physiological pacemaker

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1 atrioventricular block or sick sinus syndrome

| Trial | Treatments | Patients | Trials design and methods |
|--|--|-------------------------|---------------------------|
| Physiological pacemaker vs VVI,VVIR | | | |
| CTOPP , 2000 n=NA follow-up: | Physiological pacemaker (dual or atrial, some rate-adaptive) versus single chamber ventricular pacemakers (some rate-adaptive) | SSS or AV block or both | Parallel groups |
| Physiological pacemaker vs VVI,VVIR | | | |
| Mattioli , 1998 n=NA follow-up: | Physiological pacemaker (DDD, VDD, AAI) versus VVI, VVIR | SSS or AV block | Parallel groups |

More details and results :

- pacemaker for atrioventricular block or sick sinus syndrome in all type of patients at <http://www.trialresultscenter.org/go-Q161>

References

CTOPP, 2000:

Connolly SJ, Kerr CR, Gent M, Roberts RS, Yusuf S, Gillis AM, Sami MH, Talajic M, Tang AS, Klein GJ, Lau C, Newman DM Effects of physiologic pacing versus ventricular pacing on the risk of stroke and death due to cardiovascular causes. Canadian Trial of Physiologic Pacing Investigators. N Engl J Med 2000;342:1385-91 [10805823]

Skanes AC, Krahn AD, Yee R, Klein GJ, Connolly SJ, Kerr CR, Gent M, Thorpe KE, Roberts RS Progression to chronic atrial fibrillation after pacing: the Canadian Trial of Physiologic Pacing. CTOPP Investigators. J Am Coll Cardiol 2001;38:167-72 [11451268]

Mattioli, 1998:

Mattioli AV, Castellani ET, Vivoli D, Sgura FA, Mattioli G Prevalence of atrial fibrillation and stroke in paced patients without prior atrial fibrillation: a prospective study. Clin Cardiol 1998;21:117-22 [9491951]