

# Clinical trials of DDDR

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## 1 atrioventricular block or sick sinus syndrome

Trial	Treatments	Patients	Trials design and methods
<b>DDD, DDIR, DDDR vs VVI</b>			
<b>Sulke , 1991</b> n=22/22 follow-up:	DDD, DDIR, DDDR versus VVI	AV block or SSS or both	Cross over
<b>DDD,DDDR vs VVI</b>			
<b>Capucci , 3000</b> n=14/14 follow-up:	DDD,DDDR versus VVI	AV block or SSS or both	Cross over
<b>DDDR,DDIR vs VVI</b>			
<b>Hijer , 2002</b> n=19/19 follow-up:	DDDR,DDIR versus VVI	AV block or SSS	Cross over
<b>DDD,DDDR vs VVIR</b>			
<b>Lau (2) , 1994</b> n=33/33 follow-up:	DDD,DDDR versus VVIR	AV block or SSS	Cross over
<b>DDDR vs VVIR</b>			
<b>Kamalvand , 1997</b> n=48/48 follow-up:	DDDR, DDDR with mode switching versus VVIR	AV block or SSS or both	Cross over
<b>MOST , 2002</b> [NCT00000561] n=NA follow-up:	DDDR versus VVIR	AV block or SSS	Parallel groups
<b>PASE , 1998</b> n=NA follow-up:	DDDR versus VVIR	SSS or AV block	Parallel groups
<b>Sulke , 1994</b> n=10/10 follow-up:	DDDR versus VVIR	AV block or SSS or both	Cross over

continued...

Trial	Treatments	Patients	Trials design and methods
Wharton , 1998 n=NA follow-up:	DDDR versus VVIR	SSS (with tachybrady syndrome)	Parallel groups
<b>DDDR vs VVIR,AAIR</b>			
Lau (1) , 1994 n=15/15 follow-up:	DDDR versus VVIR,AAIR	SSS	Cross over

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

### Sulke, 1991:

Sulke N, Chambers J, Dritsas A, Sowton E A randomized double-blind crossover comparison of four rate-responsive pacing modes. J Am Coll Cardiol 1991;17:696-706 [1993790]

### Capucci, 3000:

### Hijer, 2002:

Hijer CJ, Brandt J, Willenheimer R, Juul-Mller S, Bostrm PA Improved cardiac function and quality of life following upgrade to dual chamber pacing after long-term ventricular stimulation. Eur Heart J 2002;23:490-7 [11863352]

### Lau (2), 1994:

Lau CP, Tai YT, Lee PW, Cheung B, Tang MO, Lam WK Quality-of-life in DDDR pacing: atrioventricular synchrony or rate adaptation? Pacing Clin Electrophysiol 1994;17:1838-43 [7845777]

### Kamalvand, 1997:

Kamalvand K, Tan K, Kotsakis A, Bucknall C, Sulke N Is mode switching beneficial? A randomized study in patients with paroxysmal atrial tachyarrhythmias. J Am Coll Cardiol 1997;30:496-504 [9247524]

### MOST, 2002:

Lamas GA, Lee KL, Sweeney MO, Silverman R, Leon A, Yee R, Marinchak RA, Flaker G, Schron E, Orav EJ, Hellkamp AS, Greer S, McAnulty J, Ellenbogen K, Ehlert F, Freedman RA, Estes NA 3rd, Greenspon A, Goldman L Ventricular pacing or dual-chamber pacing for sinus-node dysfunction. N Engl J Med 2002;346:1854-62 [12063369]

### PASE, 1998:

Lamas GA, Orav EJ, Stambler BS, Ellenbogen KA, Sgarbossa EB, Huang SK, Marinchak RA, Estes NA 3rd, Mitchell GF, Lieberman EH, Mangione CM, Goldman L Quality of life and clinical outcomes in elderly patients treated with ventricular pacing as compared with dual-chamber pacing. Pacemaker Selection in the Elderly Investigators. N Engl J Med 1998;338:1097-104 [9545357]

### Sulke, 1994:

Sulke N, Chambers J, Sowton E Variability of left atrial bloodflow predicts intolerance of ventricular demand pacing and may cause pacemaker syndrome. Pacing Clin Electrophysiol 1994;17:1149-59 [7521041]

**Wharton, 1998:**

Wharton JM, Sorrentino RA, Campbell P, Gonzalez-Zuelgaray J, Effect of pacing modality on atrial tachyarrhythmia recurrence in the tachycardia-bradycardia syndrome: preliminary results of the Pacemaker Atrial Tachycardia Trial3 Circulation 1998;98(18):Suppl (I): I-494, abstract.

**Lau (1), 1994:**

Lau CP, Tai YT, Leung WH, Wong CK, Lee P, Chung FL Rate adaptive pacing in sick sinus syndrome: effects of pacing modes and intrinsic conduction on physiological responses, arrhythmias, symptomatology and quality of life. Eur Heart J 1994;15:1445-55 [7835358]