Clinical trials of phosphodiesterase III inhibitors for heart failure in all type of patients

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1 Phosphodiesterase III inhibitors

Trial	Treatments	Patients	Trials design and methods
Amrinone vs placebo			
AMTG , 1985 n=NA follow-up: 3 months	Amrinone <600mg/day versus placebo	patients with heart failure NYHA III/IV	Parallel groups double blind
Enoximone vs placebo			
EMOTE , 2007 n=101/100 follow-up: 26 weeks	enoximone versus placebo	patients with ultra-advanced heart failure requiring IV inotropic therapy	Parallel groups double blind US
Cowley , 1994 n=75/76 follow-up: 12 months	Enoximone 300mg/d versus placebo	NYHA III,IV	Parallel groups double blind
EMTG , 1990 n=50/52 follow-up: 4 months	Enoximone <450 mg/d versus placebo	NYHA II, III	Parallel groups double blind
ESG , 2000 n=70/35 follow-up: 3 months	Enoximone 75-150 mg/d versus placebo	NYHA II, III	Parallel groups double blind
ESSENTIAL (I and II) , 2009 [NCT00051285] n=926/928 follow-up: 16.6 mo (median)	enoximone titrated to 50 mg three times daily versus placebo	Patients with New York Heart Association class IIIIV HF symptoms, left ventricular ejection fraction 30% , and one hospitalization or two ambulatory visits for worsening HF in the previous year	Parallel groups double blind Europe and North andSouth America
Lardoux , 1987 n=30/13 follow-up: 3 months	Enoximone 150, 300mg/d versus placebo	NYHA NA	Parallel groups double blind
WESG , 1991 n=108/56 follow-up: 3 months	Enoximone 150, 300 mg/d versus placebo	NYHA II, III	Parallel groups double blind
Flosequinan vs placebo			
REFLECT II , 1991 n=207/104 follow-up: 3 months	-	NYHA II-IV	Parallel groups double blind
Cowley , 1993 n=64/71 follow-up: 4 months	Flosequinan 125mg/d versus placebo	NYHA II, III	Parallel groups double blind

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Trial	Treatments	Patients	Trials design and methods
FACET , 1993 n=212/110 follow-up: 4 months	Flosequinan 100 and 150 mg/d versus placebo	NYHA II, III	Parallel groups double blind
REFLECT , 1993 n=93/100 follow-up: 3 months	Flosequinan 100mg/d versus placebo	NYHA II,III	Parallel groups double blind
ibopamine vs placebo			
PRIME II , 1997 n=953/953 follow-up: mean 11.4 months	oral ibopamine 100 mg three times daily versus placebo	patients with heart failure NYHA III-IV	Parallel groups double blind
Imazodan vs placebo			
IRG , 1991 n=103/44 follow-up: 3 months	Imazodan 4,10, 20 mg/d versus placebo	NYHA III,IV	Parallel groups double blind
Indolidan vs placebo			
Dies , 1989 n=38/36 follow-up: 3 months	Indolidan dose NA versus placebo	NYHA II,III	Parallel groups double blind
Milrinone vs placebo			
MMTG , 1989 n=119/111 follow-up: 3 months	Milrinone <40mg/d versus placebo	NYHA II-IV	Parallel groups double blind
PROMISE , 1991 n=561/527 follow-up: 20 months	Milrinone 40mg/d versus placebo	NYHA III,IV	Parallel groups double blind
Pimobendan vs placebo			
Bergler-Klein , 1992 n=12/12 follow-up: 6 months	Pimobendan 10mg/day versus placebo	NYHA II, III	Parallel groups double blind
PMRG , 1992 n=149/49 follow-up: 3 months	Pimobendan 2.5, 5, 10 mg/d versus placebo	NYHA III,IV	Parallel groups double blind
EPOCH , 2002 n=147/151 follow-up: 12 months	Pimobendan 2.5 to 5mg/d versus placebo	NYHA II,III	Parallel groups double blind
PICO , 1996 n=219/112 follow-up: 6 months	Pimobendan 2.5, 5 mg/d versus placebo	NYHA II, III	Parallel groups double blind
Vesnarinone vs placebo			
OPC-8212 MRG , 1990 n=45/48 follow-up: 3 months	Vesnarinone 60mg/d versus placebo	NYHA II-IV	Parallel groups double blind

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Trial	Treatments	Patients	Trials design and methods
VEST , 1998 n=2550/1283 follow-up: 9 months	Vesnarinone 30, 60mg/d versus placebo	NYHA III,IV	Parallel groups double blind
VSG , 1993 n=NA follow-up: 6 months	Vesnarinone 60mg/d versus placebo	NYHA II-IV	Parallel groups double blind
enoximone vs placebo (on top metoprolol)			
EMPOWER *ongoing* [NCT00077948] n=NA follow-up:	enoximone versus placebo	Advanced CHF Subjects Previously Intolerant to Beta-Blocker Treatment	Parallel groups double blind

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FACET, 1993:

REFLECT, 1993:

PRIME II, 1997:

IRG, 1991:
Dies, 1989:
MMTG, 1989:
PROMISE, 1991:
Bergler-Klein, 1992:
PMRG, 1992:
EPOCH, 2002:
PICO, 1996:
OPC-8212 MRG, 1990:
VEST, 1998:
VSG, 1993:
EMPOWER, :

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2 About TrialResults-center.org

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The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

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