

Clinical trials of catheter ablation before ICD

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1 ventricular tachycardia in patients with structural heart disease

Trial	Treatments	Patients	Trials design and methods
catheter ablation before ICD vs no ablation			
VTACH , 2009 [NCT00919373] n=54/56 follow-up: 27 mo	catheter ablation for ventricular tachycardia (VT) plus implantable cardioverter defibrillator versus implantable cardioverter defibrillator alone	Patients undergoing implantation of an ICD Patients undergoing implantation of an ICD	Parallel groups open Europe
SMASH-VT , 2007 [ISRCTN62488166] n=64/64 follow-up: 22.5 mo	defibrillator implantation with adjunctive catheter ablation versus defibrillator implantation alone	patients with a history of a myocardial infarction undergoing defibrillator implantation for spontaneous ventricular tachycardia or fibrillation	Parallel groups open

More details and results :

- catheter ablation of ventricular tachycardia for ventricular tachycardia in patients with structural heart disease in all type of patients at <http://www.trialresultscenter.org/go-Q382>

References

VTACH, 2009:

Kuck KH, Schaumann A, Eckardt L, Willems S, Ventura R, Delacrtaz E, Pitschner HF, Kautzner J, Schumacher B, Hansen PS Catheter ablation of stable ventricular tachycardia before defibrillator implantation in patients with coronary heart disease (VTACH): a multicentre randomised controlled trial. Lancet 2010 Jan 2;375:31-40 [20109864] [10.1016/S0140-6736\(09\)61755-4](https://doi.org/10.1016/S0140-6736(09)61755-4)

SMASH-VT, 2007:

Reddy VY, Reynolds MR, Neuzil P, Richardson AW, Taborsky M, Jongnarangsin K, Kralovec S, Sediva L, Ruskin JN, Josephson ME Prophylactic catheter ablation for the prevention of defibrillator therapy. N Engl J Med 2007;357:2657-65 [18160685]

2 patients with implantable cardioverter defibrillators

Trial	Treatments	Patients	Trials design and methods
catheter ablation before ICD vs no ablation			
VTACH , 2009 [NCT00919373] n=54/56 follow-up: 27 mo	catheter ablation for ventricular tachycardia (VT) plus implantable cardioverter defibrillator versus implantable cardioverter defibrillator alone	Patients undergoing implantation of an ICD Patients undergoing implantation of an ICD	Parallel groups open Europe
SMASH-VT , 2007 [ISRCTN62488166] n=64/64 follow-up: 22.5 mo	defibrillator implantation with adjunctive catheter ablation versus defibrillator implantation alone	patients with a history of a myocardial infarction undergoing defibrillator implantation for spontaneous ventricular tachycardia or fibrillation	Parallel groups open

More details and results :

- catheter ablation for patients with implantable cardioverter defibrillators in all type of patients at <http://www.trialresultscenter.org/go-Q384>

References

VTACH, 2009:

Kuck KH, Schaumann A, Eckardt L, Willems S, Ventura R, Delacrtaz E, Pitschner HF, Kautzner J, Schumacher B, Hansen PS Catheter ablation of stable ventricular tachycardia before defibrillator implantation in patients with coronary heart disease (VTACH): a multicentre randomised controlled trial. Lancet 2010 Jan 2;375:31-40 [20109864] [10.1016/S0140-6736\(09\)61755-4](https://doi.org/10.1016/S0140-6736(09)61755-4)

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Entry terms: catheter ablation