

# Clinical trials of catheter ablation for atrial fibrillation in all type of patients

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## 1 catheter ablation

| Trial   | Treatments  | Patients   | Trials design and methods                           |
|---|---|--|---|
| <b>catheter ablation vs control</b>   |   |  |   |
| <b>Forleo , 2009</b><br>n=35/35<br>follow-up: 12 months                         | pulmonary vein isolation<br>versus<br>antiarrhythmic drug treatment   | patients with diabetes mellitus type 2 and<br>paroxysmal or persistent AF                  | Parallel groups<br>open<br>Italy                    |
| <b>A4 (Jais) , 2008</b><br>[NCT00540787]<br>n=53/59<br>follow-up: 12 months     | catheter ablation<br>versus<br>antiarrhythmic drugs   | patients with paroxysmal AF resistant to at<br>least 1 antiarrhythmic drug.                | Parallel groups<br>open<br>France,Canada, USA       |
| <b>ThermoCool AF , 2008</b><br>[NCT00116428]<br>n=106/61<br>follow-up: 9 months | catheter ablation<br>versus<br>antiarrhythmic drug therapy with a class I or<br>III drug  | patients with AF who were nonresponsive to<br>previous treatment with antiarrhythmic drugs | Parallel groups<br>open                             |
| <b>Oral , 2006</b><br>n=77/69<br>follow-up: 12 months                           | circumferential pulmonary-vein ablation and<br>amiodarone<br>versus<br>amiodarone and two cardioversions during<br>the first three months alone | patients with chronic atrial fibrillation  | Parallel groups<br>open<br>Italy, USA               |
| <b>APAF (Pappone) , 2006</b><br>n=99/99<br>follow-up: 12 months                 | left atrial catheter ablation<br>versus<br>65279;Flecainide acetate, propafenone<br>hydrochloride, or sotalol hydrochloride                     | 65279;Drug-refractory paroxysmal AF<br>>=6mo   | Parallel groups<br>open<br>Italy                    |
| <b>CAFCOAF (Stabile) , 2006</b><br>n=68/69<br>follow-up: 12 months              | left atrial catheter ablation plus amiodarone<br>or other drugs<br>versus<br>Amiodarone or other drugs  | Drug-refractory or drug-intolerant<br>paroxysmal or persistent AF                          | Parallel groups<br>open blinded assessment<br>Italy |
| <b>Lakkireddy , 2006</b><br>n=138/139<br>follow-up:                             | -   | -  | Parallel groups<br>USA                              |
| <b>Wazni , 2005</b><br>n=32/35<br>follow-up: 12 months                          | Pulmonary vein isolation<br>versus<br>Flecainide, propafenone, or sotalol;<br>amiodarone if needed  | Drug-naive monthly symptomatic AF >=3mo  | Parallel groups<br>open<br>USA, Italy,Germany       |
| <b>Krittayaphong , 2003</b><br>n=15/15<br>follow-up: 12 months                  | left atrial catheter ablation<br>versus<br>amiodarone   | drug-refractory amiodarone-naive paroxysmal<br>or persistent AF >=6mo                      | open<br>Thailand                                    |

continued...

| <b>Trial</b>   | <b>Treatments</b>   | <b>Patients</b>                                       | <b>Trials design and methods</b>   |
|--|---|---|--|
| <b>CABANA , 2018</b> <i>unpublished</i><br>[NCT00911508].]<br>n=2204<br>follow-up: | left atrial catheter ablation<br>versus<br>current state-of-the-art therapy with either<br>rate control or rhythm control drugs | patients with untreated or incompletely<br>treated AF | Parallel groups<br>open<br>North America, Western and Eastern Europe,<br>Asia, and Australia |
| <b>STOP-AF , 2010</b><br>[NCT00523978]<br>n=163/82<br>follow-up: 12 mo             | cryo-balloon catheter for pulmonary vein<br>isolation<br>versus<br>nonfailed antiarrhythmic drugs                               | patients with paroxysmal atrial fibrillation          | Parallel groups<br>open  |
| <b>MANTRA-PAF</b> <i>ongoing</i><br>[NCT00133211]<br>n=NA<br>follow-up: 2 years    | Radiofrequency Ablation<br>versus<br>Medical Antiarrhythmic Treatment   | Paroxysmal Atrial Fibrillation                        | Parallel groups<br>open  |
| <b>RESOLVE-AF</b> <i>ongoing</i><br>[NCT00111488]<br>n=200<br>follow-up:           | Surgical Ablation with Microwave Energy<br>versus<br>control  | patientst with permanent atrial fibrillation          | Parallel groups<br>open  |

## References

### Forleo, 2009:

Forleo GB, Mantica M, De Luca L, Leo R, Santini L, Panigada S, De Sanctis V, Pappalardo A, Laurenzi F, Avella A, Casella M, Dello Russo A, Romeo F, Pelargonio G, Tondo C Catheter ablation of atrial fibrillation in patients with diabetes mellitus type 2: results from a randomized study comparing pulmonary vein isolation versus antiarrhythmic drug therapy. J Cardiovasc Electrophysiol 2009;20:22-8 [18775050] [10.1111/j.1540-8167.2008.01275.x](https://doi.org/10.1111/j.1540-8167.2008.01275.x)

### A4 (Jais), 2008:

Jas P, Cauchemez B, Macle L, Daoud E, Khairy P, Subbiah R, Hocini M, Extramiana F, Sacher F, Bordachar P, Klein G, Weerasooriya R, Clmenty J, Hassagerre M Catheter ablation versus antiarrhythmic drugs for atrial fibrillation: the A4 study. Circulation 2008 Dec 9;118:2498-505 [19029470]

### ThermoCool AF, 2008:

### Oral, 2006:

### APAF (Pappone), 2006:

### CAFCOAF (Stabile), 2006:

### Lakkireddy, 2006:

### Wazni , 2005:

### Krittayaphong, 2003:

### CABANA, 2018:

### STOP-AF, 2010:

### MANTRA-PAF, :

### RESOLVE-AF, :

## 2 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

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.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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