



Gentofte
Hospital

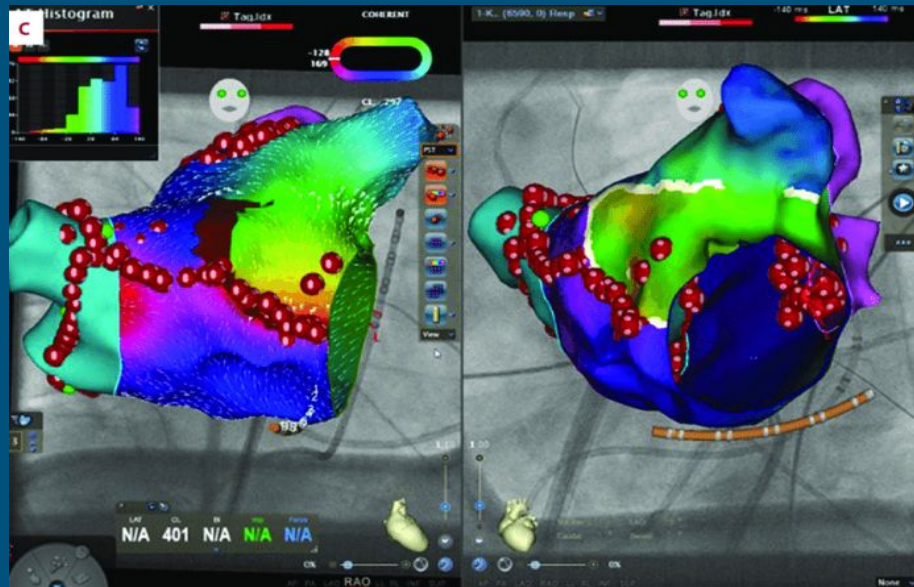
Copenhagen University Hospital

Gentofte, Denmark

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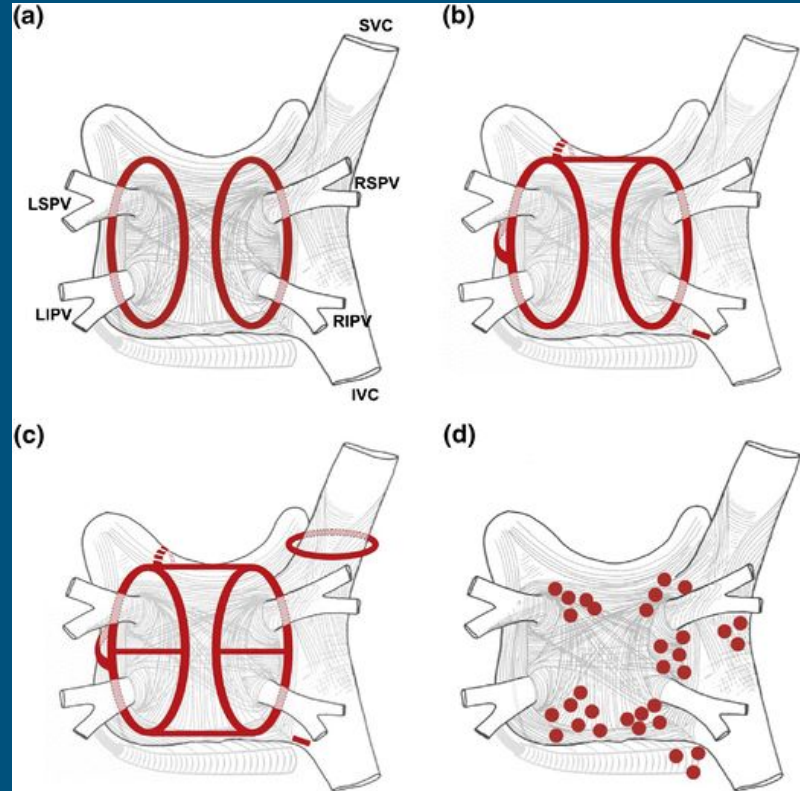
Atrial Fibrillation AFIB

500 - 600 ablation procedures
Including paroxysmal and persistent



PVI-pulmonary vein isolation

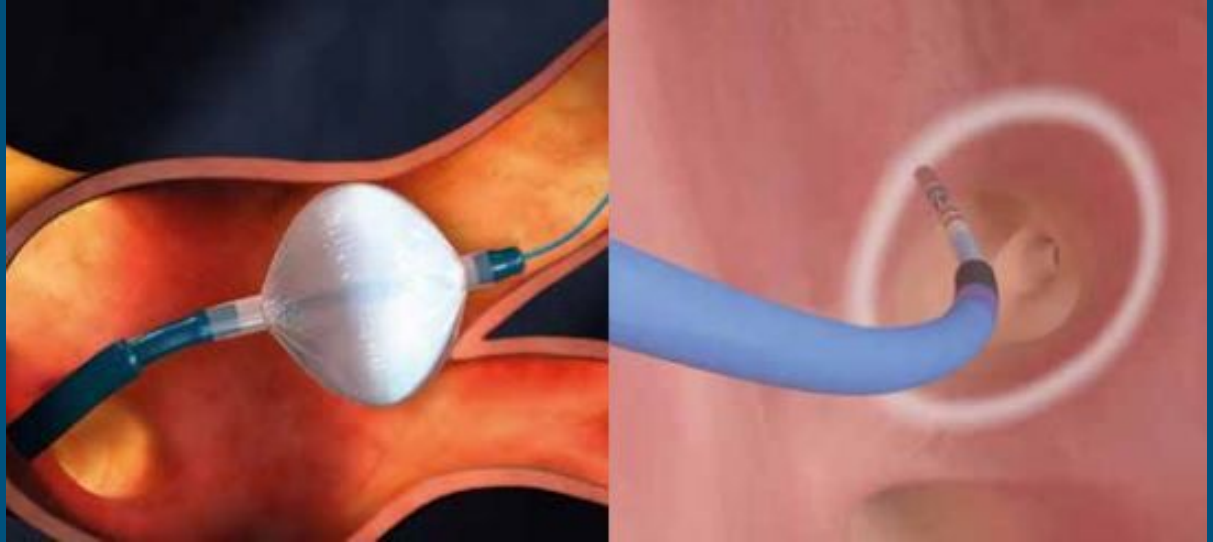
- in or around PV
- elimination of triggers



Cryo vs RF

Cryo Ablation

RF Ablation

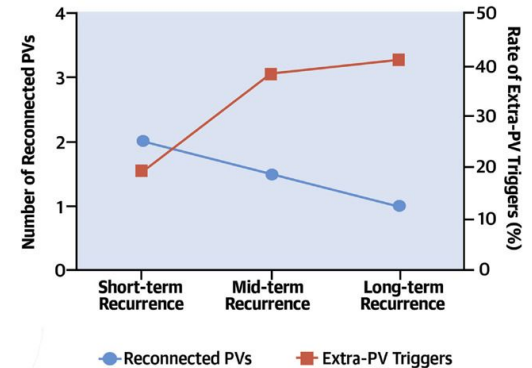
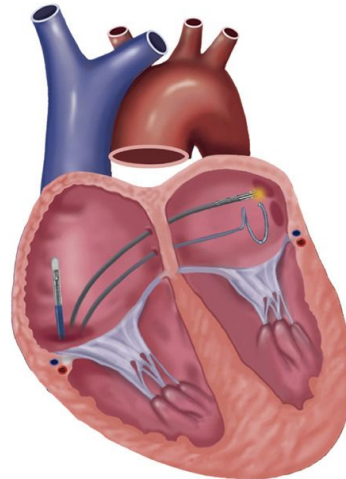


Clinical Challenge: Recurrence

-20 to 40%
within 3 years

CENTRAL ILLUSTRATION: Trends in the Mechanisms of Recurrence After Catheter Ablation of Atrial Fibrillation

Trends in the Number of Reconnected PVs and Rate of Extra-PV Triggers During Repeat Ablations



Park, J.-W. et al. J Am Coll Cardiol EP. 2020;6(8):999-1007.

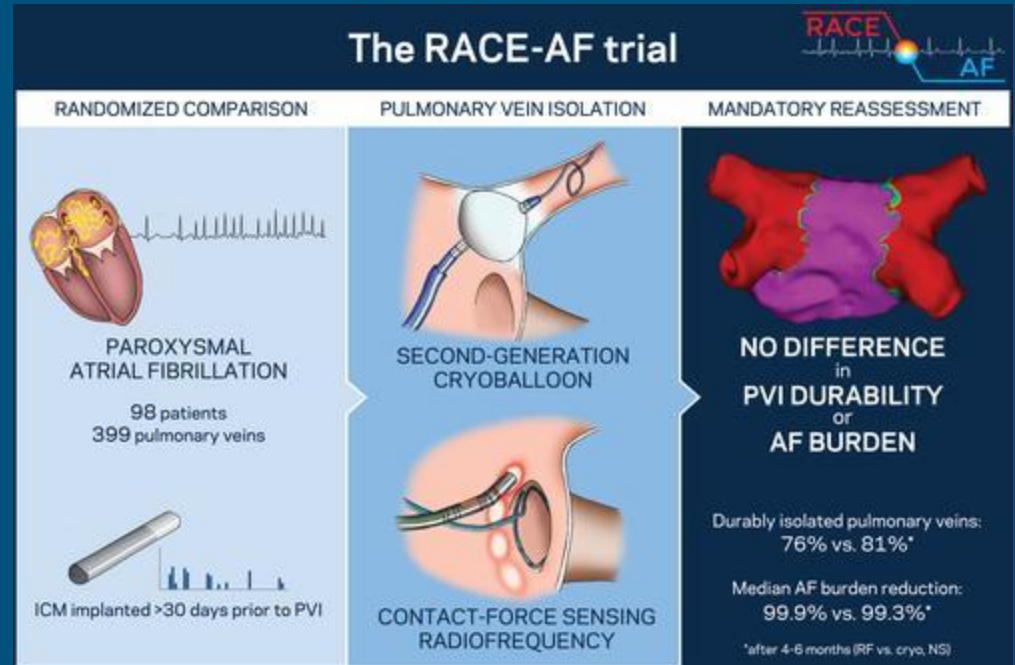
RACE-AF trial

Cryo vs RF

(2015-2018)

-PVI durability

-AF burden



Continuous ICM

Continuous ICM monitoring

- a) PVI durability
- b) AF burden

First in kind.



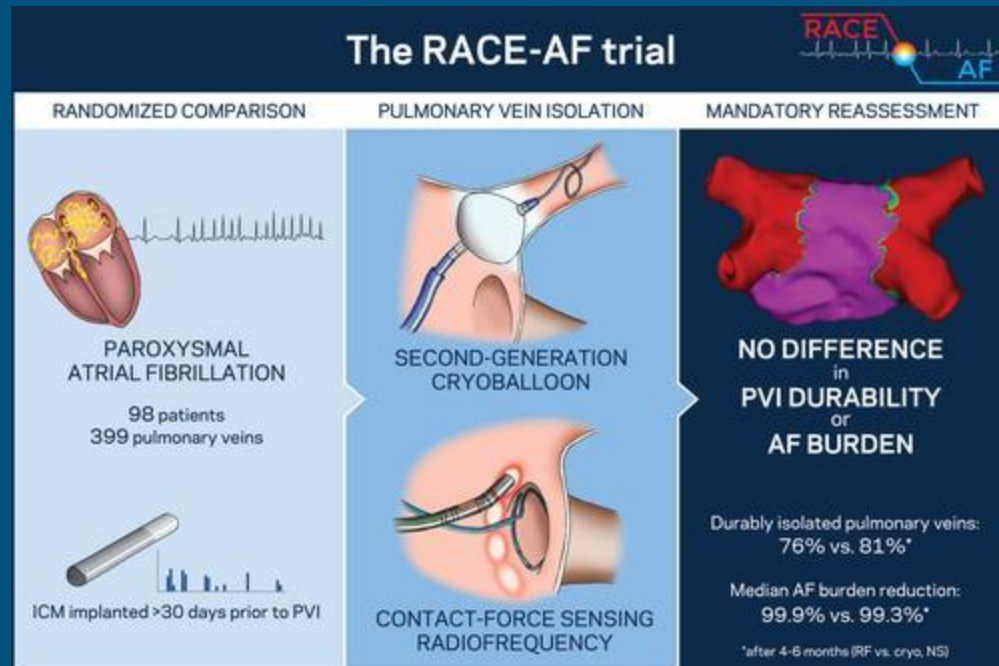
Study Population

98 patients

399 pulmonary veins

ICM implant:

40 - 45 days prior



After 3 month “blanking”

No significant
difference!

Clinical Outcomes

- AF burden reduction
- same Acute Isolation
- same Durable Isolation

Future Investigations

- choice of efficacy marker?

 - AF burden vs time-2-recurrence

Future Investigations

- choice of efficacy marker?

 - AF burden vs time-2-recurrence

- Post-ablation

 - long-term ICM monitoring?

Thank you



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