

Electrophysiology and pacing in Lithuania

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Pacing and EP centres in Lithuania

(population: 3.5 million)

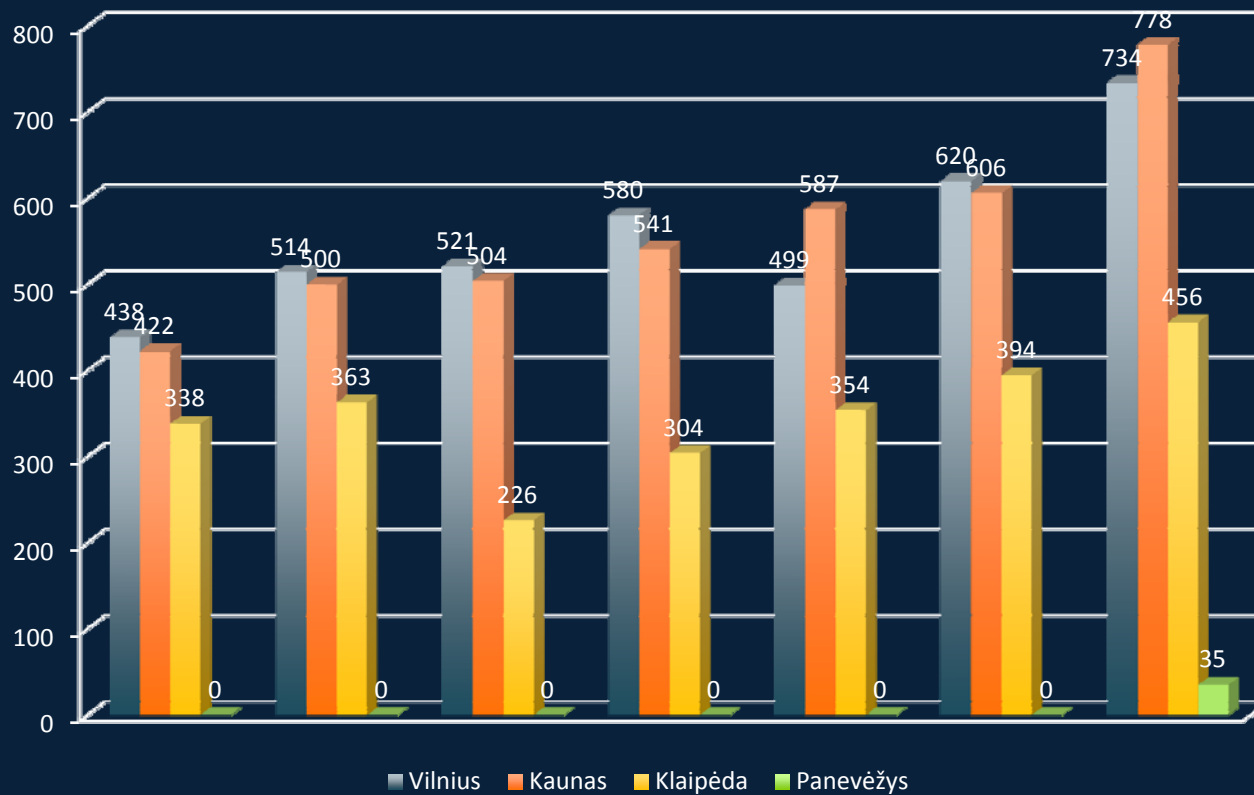


General information

- Population of Lithuania: 3.5 million (3,56 in 2007)
- 4 centres for pacemaker implantation (12 doctors)
- 3 centres for ICD implantation (9 doctors)
- 3 centres for electrophysiology/ablation (10 doctors)
- 7 doctors implanting CRT devices
- 5 doctors performing AF ablation

Implant numbers per centre

Single- and dual-chamber pacemakers



Per 1 mil.

2002

342

2003

393

2004

357

2005

407

2006

411

2007

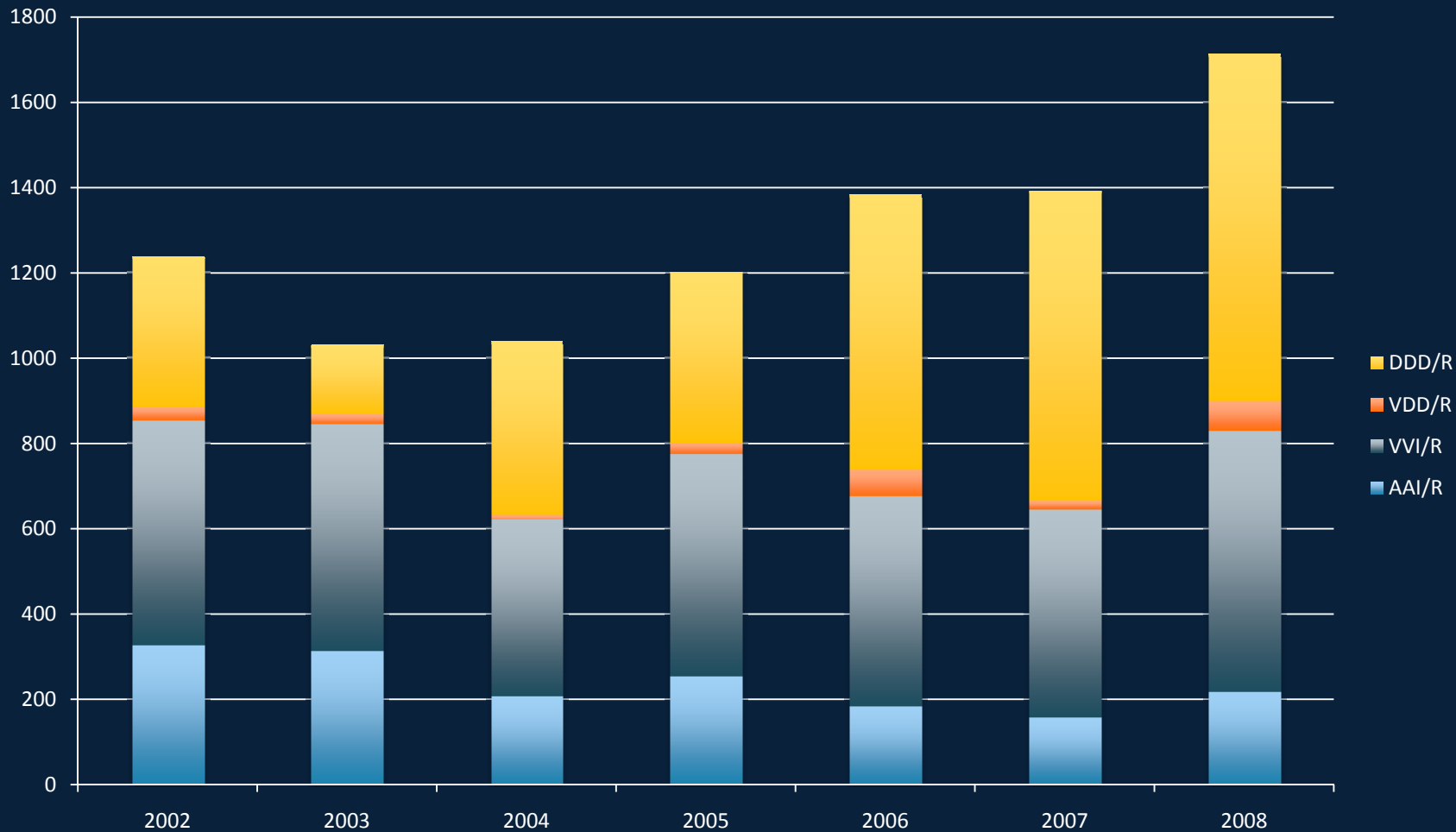
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2008

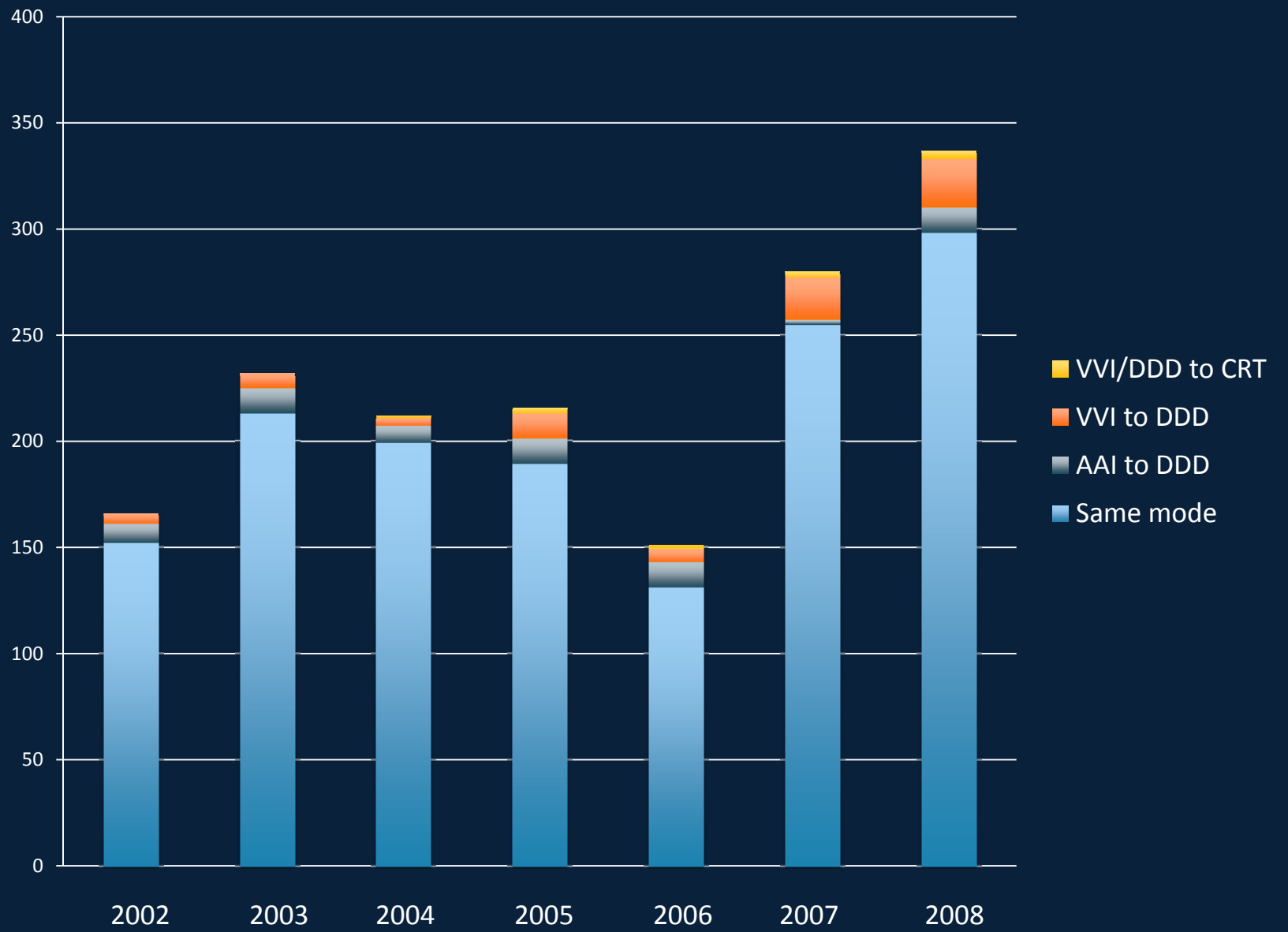
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Distribution of pacing modes

New implants

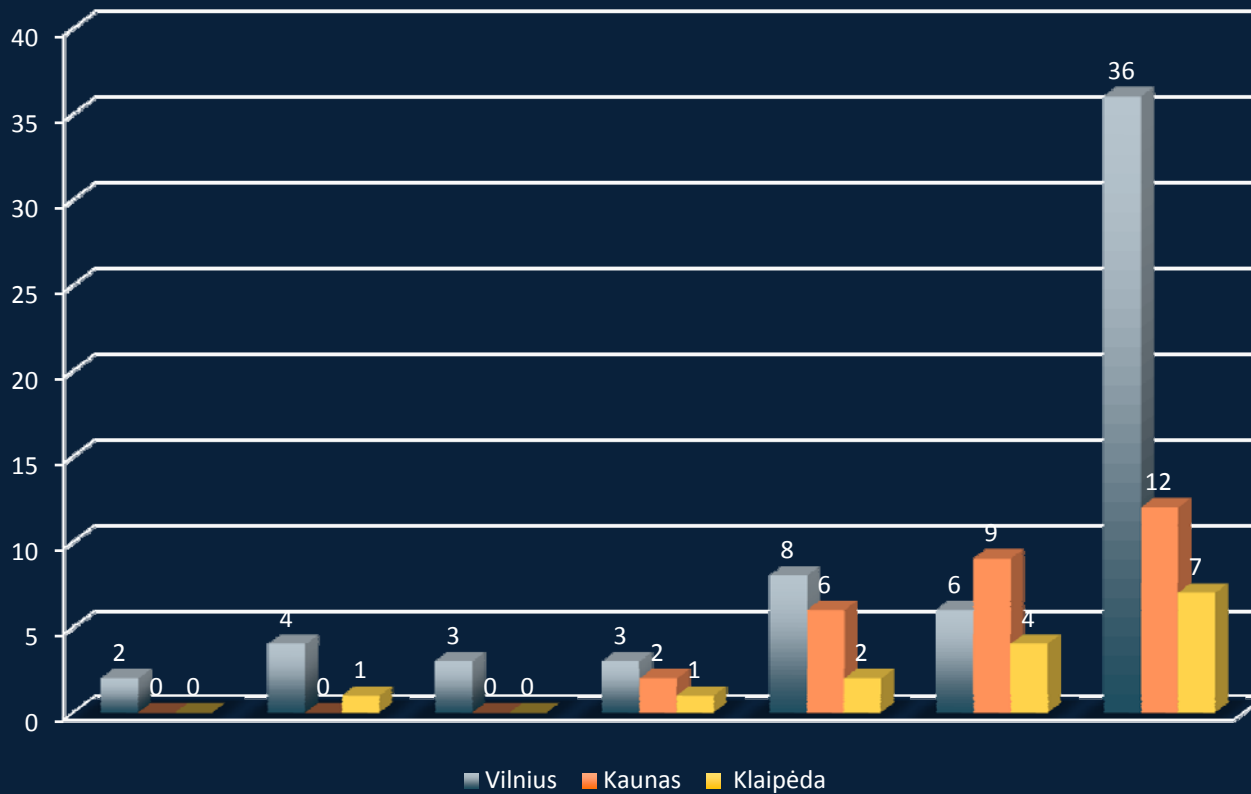


Pacemaker replacement and upgrades



Implant numbers per centre

CRT-P devices



Total

2002

2

2003

5

2004

3

2005

6

2006

16

2007

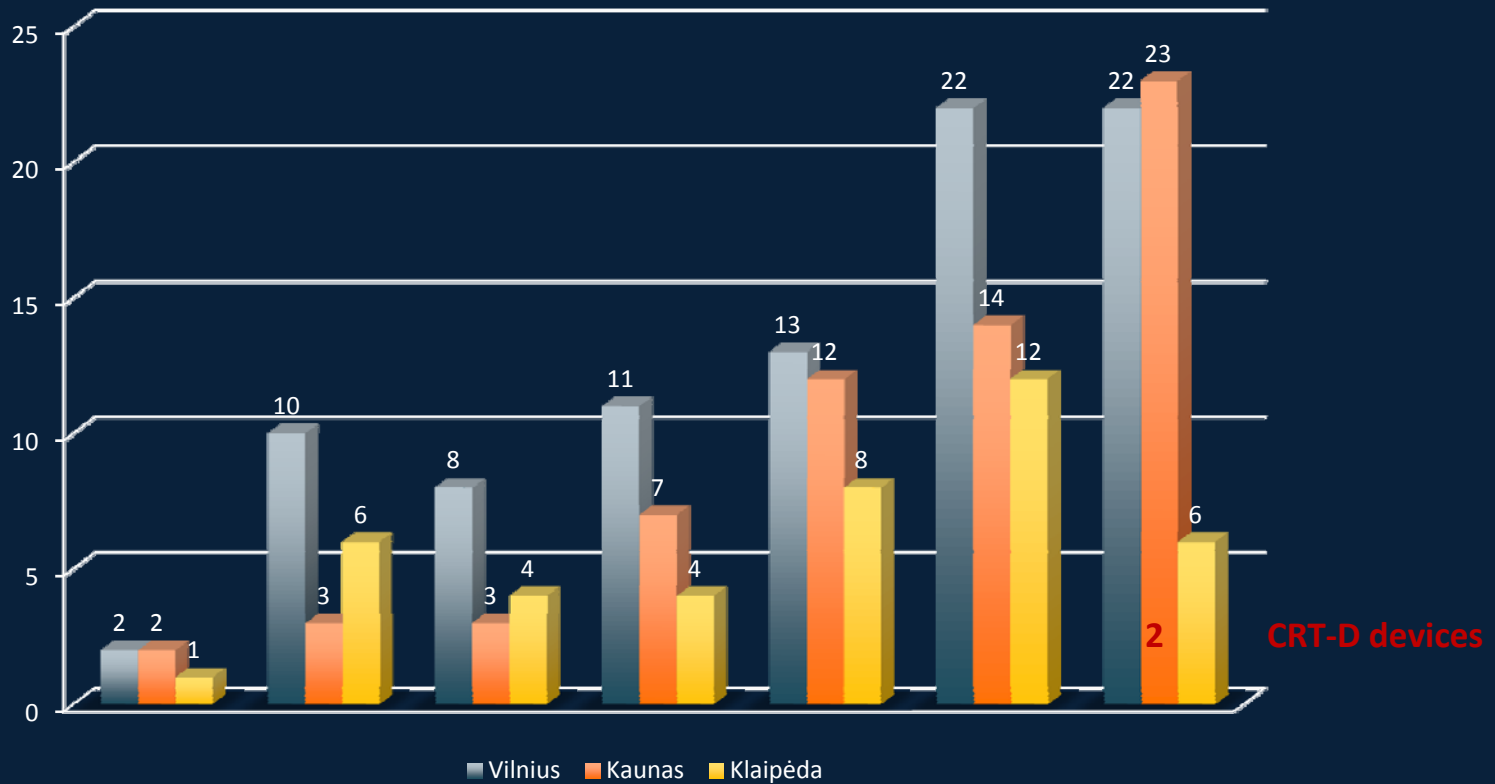
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2008

55

Implant numbers per centre

ICDs



Total

2002

5

2003

19

2004

15

2005

22

2006

33

2007

48

2008

51

Reimbursement for pacing and ICD in Lithuania

- Up to 2009, ICD and pacemakers have been purchased via Patient state fund tenders, with budget split per each hospital.
- Starting from 2009, tenders have been decentralized, and per-case payment has been introduced, with tenders organized by hospitals.

Reimbursement for pacing and ICD in Lithuania

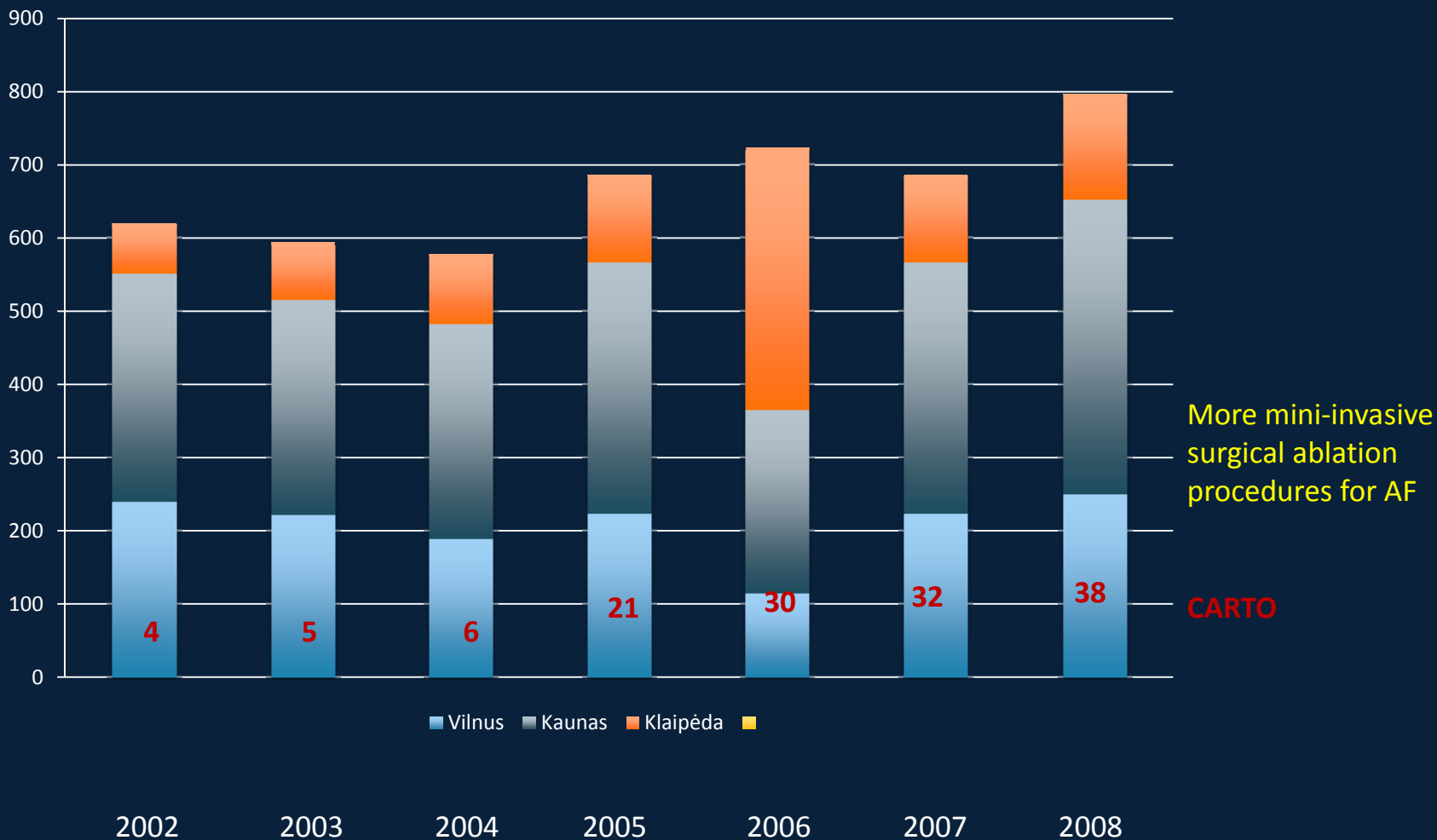
The following device procedures are reimbursed:

- Single-chamber pacemakers
- Double chamber pacemakers
- ICD for secondary prevention
- ICD for primary prevention in some high-risk cases
- Implantable loop ECG recorders
- CRT-P devices

- CRT-D devices are reimbursed on request

Catheter ablation procedures

Total number



Reimbursement for electrophysiology procedures in Lithuania

The following types of procedures are included:

- Invasive electrophysiological study
- Catheter ablation procedure (simple)
- Catheter ablation procedure with transseptal puncture (and intracardiac ultrasound)
- Catheter ablation procedure with 3D mapping

Concluding remarks

The total number of pacemaker implantations in Lithuania is comparable to other EU countries.

- There is a need to increase number of ICD implants.
- There is a need to increase number of CRT implants.
- The number of AF ablation procedures and other complex procedures requiring 3D-mapping is still low.

Limitations mostly are due to insufficient financing.