



Cardiology in Poland

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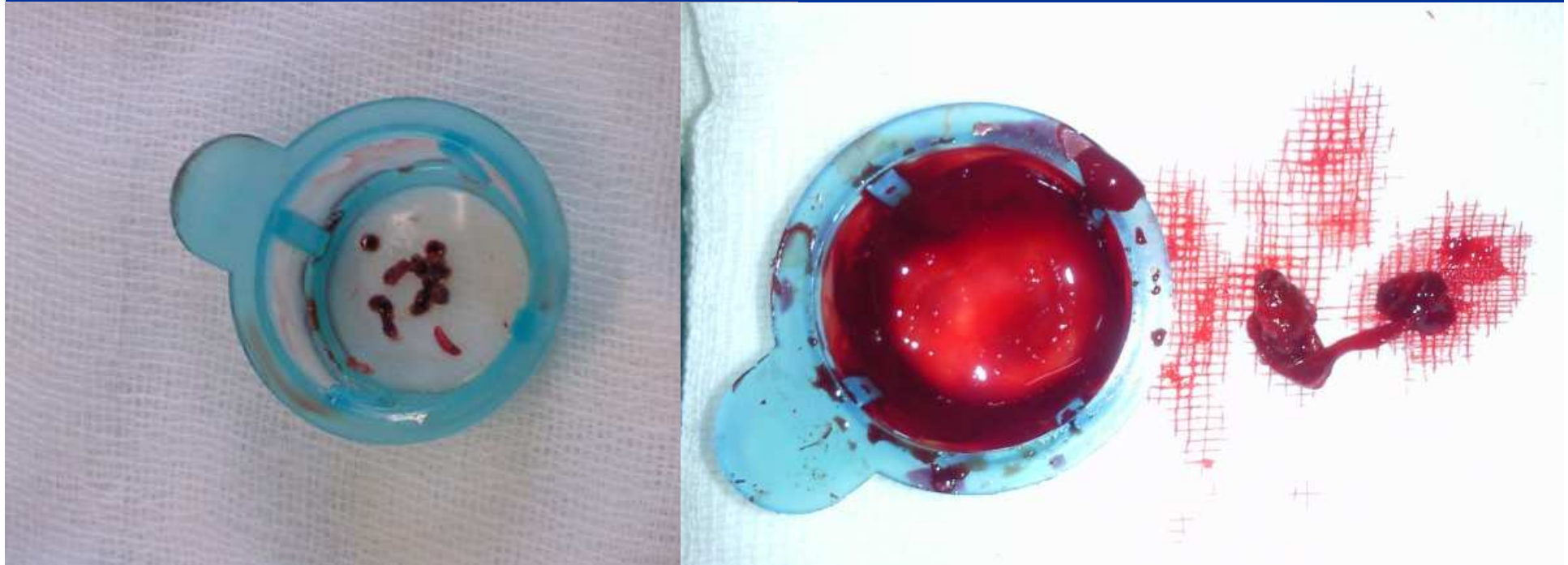
<http://www.klinikiserca.pl/en/>

1. Coronary artery disease

Killer number 1 in the developed countries (head to head with cancer)

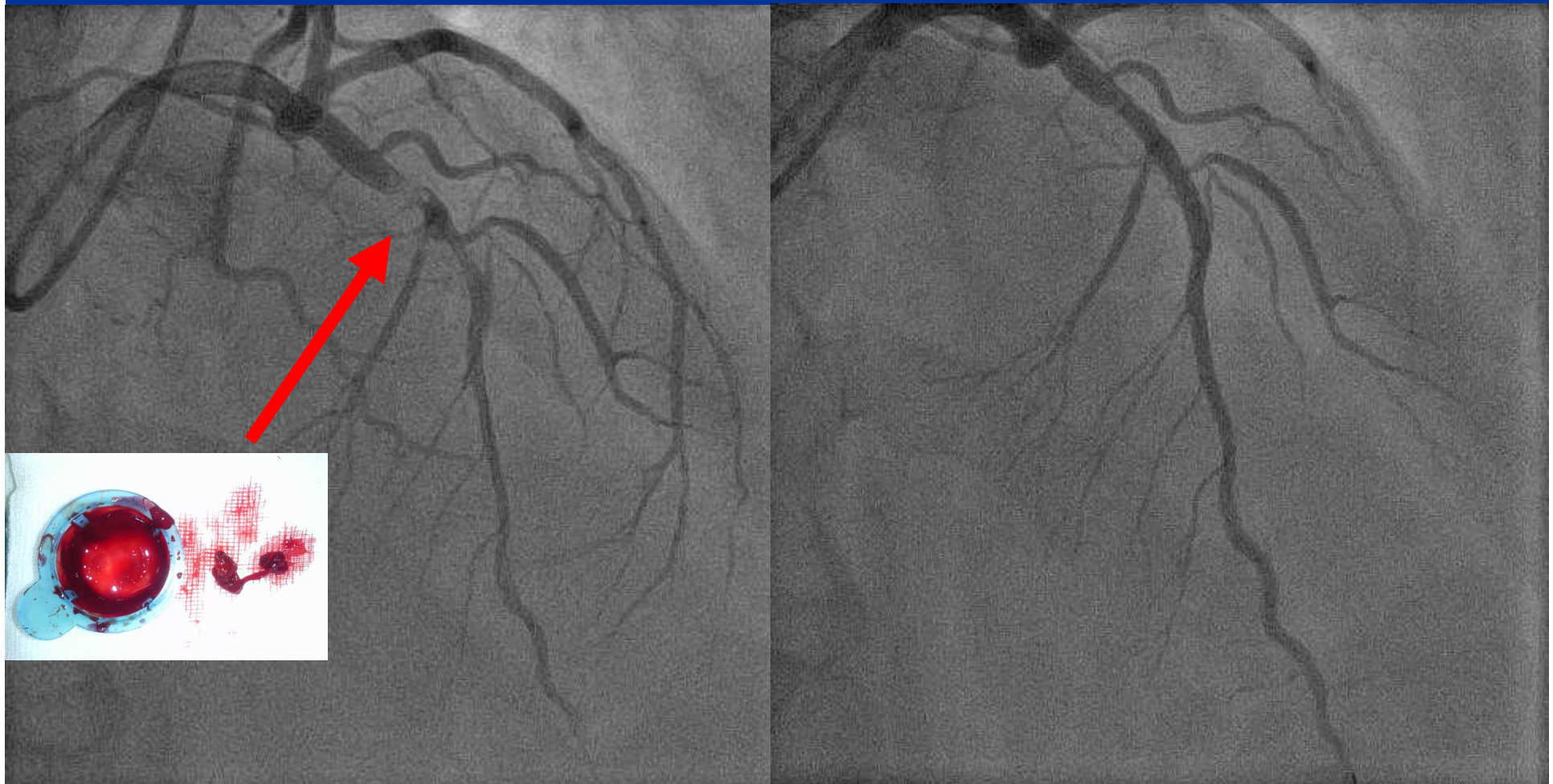
Death results usually from heart attack.

Heart attack is caused by thrombus blocking coronary artery.
This condition is best treated with coronary intervention (PCI)

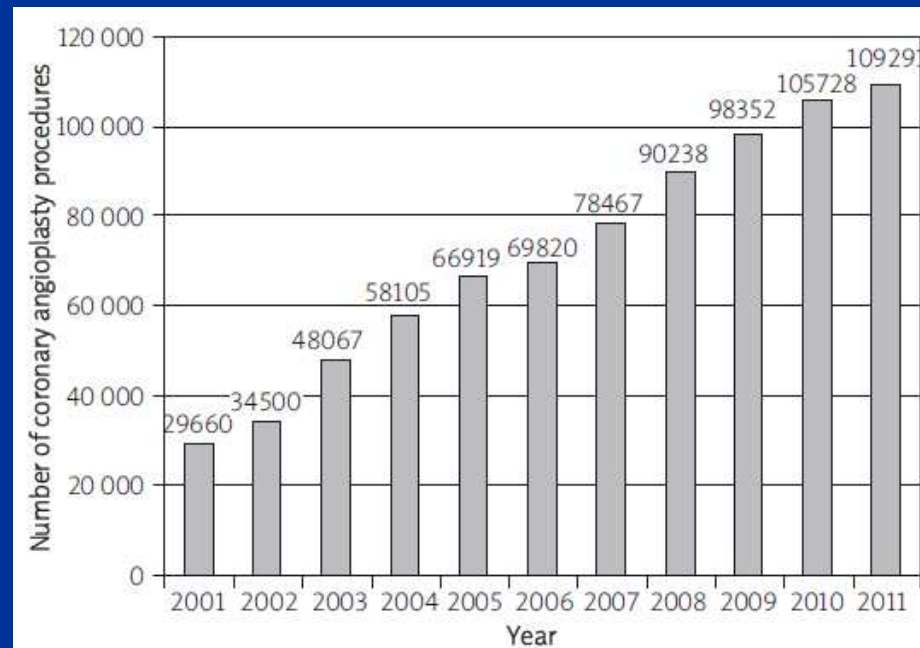
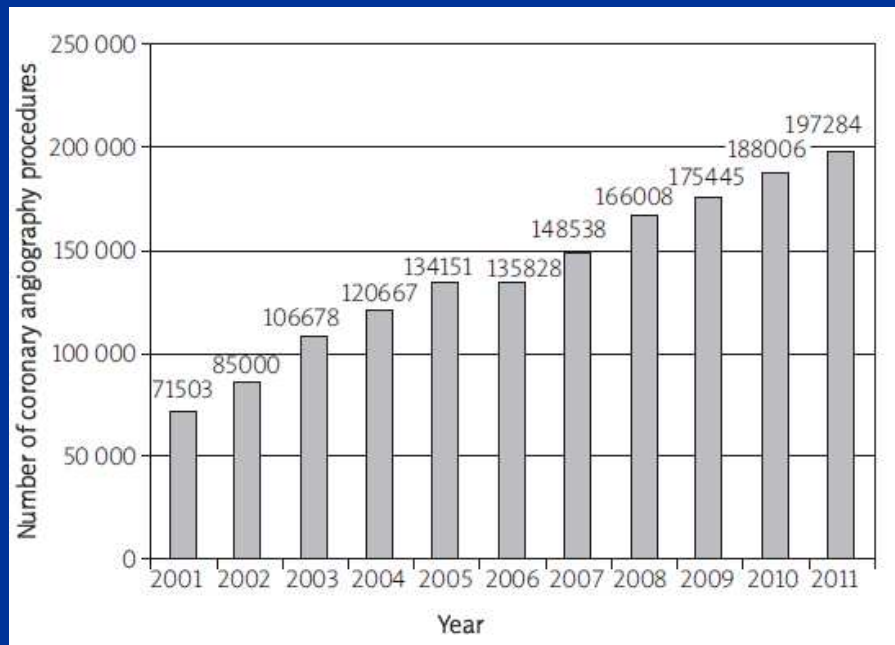


1. Coronary artery disease

The best up to date treatment is to remove the thrombus and support the coronary artery with a stent.



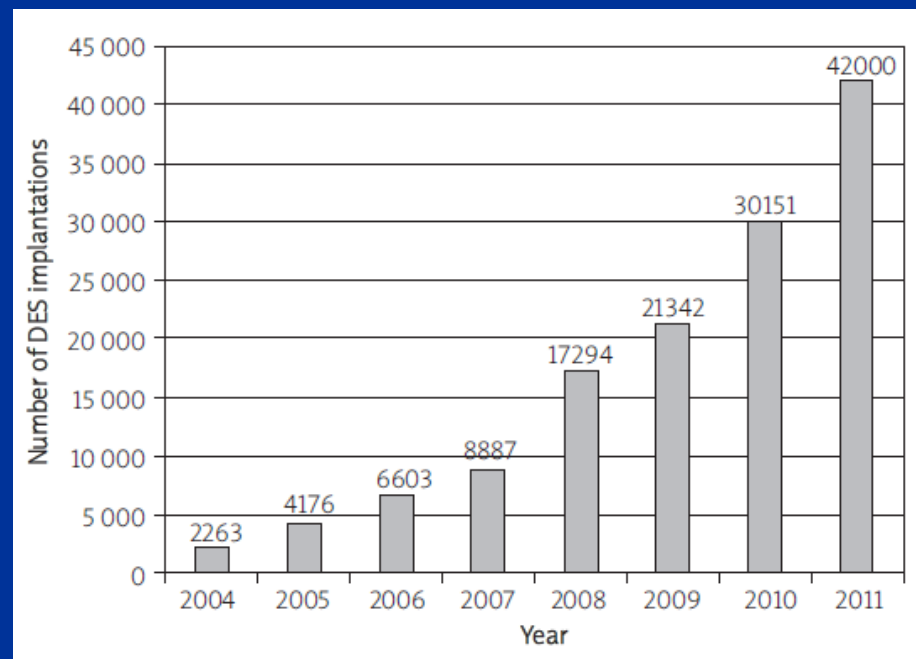
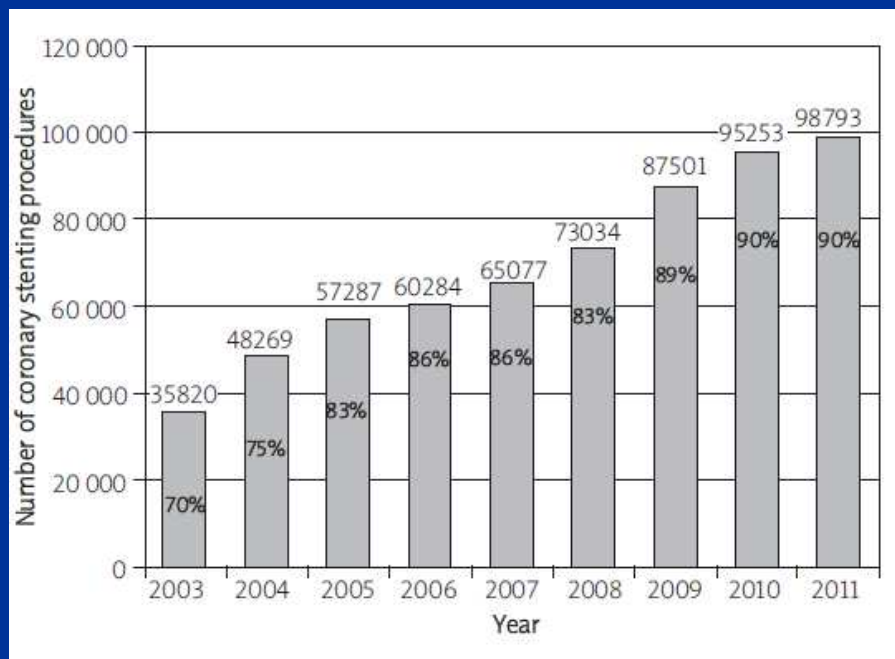
1. Coronary artery disease



The number of diagnostic and therapeutic invasive procedures is constantly increasing.

There are 3.6 interventional cardiology centers for one million inhabitants (one center per approximately 280 thousand inhabitants)

1. Coronary artery disease



Almost all of invasive procedures are completed with coronary artery stent implantation.

Among all stents, drug eluting stents are more commonly used



1. Coronary artery disease

The key thing in treating CAD is prevention, and early diagnosis (allows to avoid some heart attacks)

Diagnostic tests include:

- Treadmill tests
- Echocardiography: stress or dobutamine
- Isotope testing: stress or pharmacologic
- Computer tomography (ultra fast CT)
- Magnetic Resonance Imaging (MRI)



2. Other percutaneous procedures

Procedure	Number
HOCM ablation	215
Carotid arteries	939
Vertebral arteries	66
Renal arteries	106
Arteries of the lower limbs above the knee	2031
Arteries of the lower limbs below the knee	701
Mitral valvuloplasty	60
Pulmonary valvuloplasty	34
Aortic valvuloplasty	95
PFO closure	348
ASD closure	428
VSD closure	28
PDA closure	155
LAA closure	45
TAVI	182
PAVTI – pulmonary valve	13

Polish invasive cardiology is up-to-date with current medical standards.

All types of peripheral interventions are performed (for example carotid, renal, aorto-iliac).

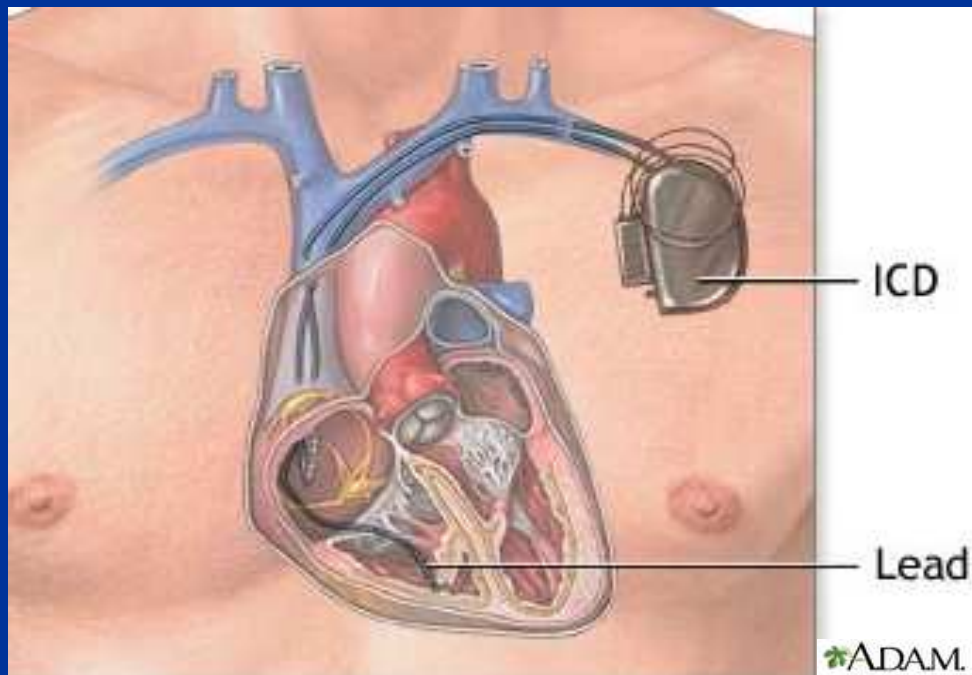
AHP offers also standard vascular surgery procedures

Non-coronary procedures in 2011, performed in cardiac centers for adults in Poland

3. Electrophysiology procedures

Polish heart centers are capable of implanting pacemakers, ICDs, CRT, CRT-D.

All types of ablation procedures are performed by experienced physicians





Conclusions:

Wide range of cardiac procedures are performed in Poland by experienced physicians

American Heart of Poland share of the market is around 15%

Quality of performed procedures in AHP comply with ISO 9001:2008