

Abstract:**Austrian National CathLab Registry (ANCLAR):
CARDIAC CATHETERIZATION, CORONARY ANGIOGRAPHY (CA)
AND PCI IN AUSTRIA DURING THE YEAR 2010 (Registry Data with
AUDIT 2004 through 2011)**

Compared to the year 1992, until 2005, the number of diagnostic (CA) and interventional catheterizations (PCI) has been increased to levels three- to fourfold as high as in 1992. Since 2005, the values have remained constant until 2010.

Less than 400 diagnostic catheterizations per year have been performed by 6/5 centres and less than 200 interventional catheterizations per year by 9/9 centres in 2009/2010. After a rapid progress in the past years, acute interventional catheterizations reached a constant proportion of routine procedures for the first time in 2008 /2009/2010, when 23/23/23 out of the 38/38/37 centres performed more than 36 interventional – catheterizations for ST elevation myocardial infarctions (STEMI) per year, which is a recommended minimum number. Bare metal and drug eluting stents were implanted in a constant proportion of all interventions since 2005. This is true as well for the occurrence of chronic and/or acute restenoses in 2009/2010. The usage of seldom used special devices increased relatively again in 2010: Radial or brachial punctures, intracoronary pressure measurements, clot catcher/removers and Optical Coherence Tomography (OCT).

Percutaneous renal denervation (PRD) in the cath.-lab. to optimize neuroregulatory therapy of arterial hypertension for the first time has been performed within n=35 cases in Austria in 2010.

Transluminal Aortic Valve Implantation (TAVI) is a new procedure in Austria since 2007 with constant increasing numbers until 2010, as well as the new MitraClip for interventional therapy of mitral insufficiency since 2009.

Concerning international comparison, Switzerland for the first time again since the year 2004 has higher numbers of PCI in 2009/2010 with 2571/2693 PCI per million inhabitants in relation to Austria with 2364/2428 PCI per million inhabitants and the relationship PCI/CA in Switzerland with 46,7% in 2010 is continuously higher than in Austria (36,8 %). Communication since 1995 was improved with help of: <http://iik.i-med.ac.at/>.