

● **Table 1) Cardiac Adult Interventions, European Statistics 1996/97/98, Country Summary (Austria)**

● **Table 1a) Structure of supply**

	Coronary Angiography 1996/97/98	PTCA 1996/97/98
Number of centers	26/26/27	19/20/22
Number of rooms	31/32/34	24/26/28
Number of operators	129/144/141	65/85/81
Centers with Surgery	17/16/16	16/16/16
Centers with Data Bank	15/17/17	12/15/15
Data Bank Technician	2/4/4	2/4/4

● **Table 1b) Structure of Cases**

	1997: n (%)	1998: n (%)
PTCA (Cases)	7608	8559
Multivessel PTCA in one session	743 (9,8%)	903 (10,6%)
PTCA for ongoing infarction	297 (3,9%)	466 (5,5%)
PTCA during diagnostic study (ad hoc)	4661 (61%)	4798 (70%)*
PTCA complication=infarction	67 (0,9%)	79 (0,9%)
Emergency CABG-OP	25 (0,3%)	13 (0,15%)
In-hospital deaths	49 (0,6%)	43 (0,5%)
Stent(cases)	4390 (58%)	5838 (68%)
Multiple stents		1177
Directional atherectomy	14	20
Rotablator	290	257
Laser catheter	10	3
Coronary angioscopy	0	0
Ultrasound Therapy		24
Intracoronary ultrasound (diagnostic)	175	413
Intracoronary doppler	36	130
Percutaneous left ventricular assist pump	39	25
Other devices	16	84
Radial or brachial approach	86	211
Puncture site closing device	57	260
Nonionic contrast medium		4393
Ionic low-osmolar contrast medium		703

Platelet glycoprotein IIb/IIIa antagonist	519	1235 (14,4%)
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*) incomplete data

● Table 2)

Austrian Statistics 1998

	CORONARY ANGIO	PTCA
Total Number	31.419	8.559
Left Ventriculography	19.384	Xxxxxx
Right Heart Catheterization	3.415	Xxxxxx
PTCA during MI without shock		278
Mortality		7
PTCA during MI with shock		63
Mortality		17
Cardiac Arrest		56
Myocardial Infarction		65
Reversible neurological Complications		5
Irreversible neurological Complications		3
Peripheral Vascular Complications		146
- with Surgery or Transfusion		84

● Table 3)

Some parameters, which are part of the European statistics and are not directly related to coronary intervention within the Cath-Labs in Austria in 1997/98.

	Own data 1997/98	Data of Reference 12,20*
Coronary Bypass Surgery (Cases)	-	3.926 / 3.900
Minimal Invasive Direct Coronary Artery Bypass (MIDCAB)	44/52	102/-
Heart Transplantation	45/49	107 /-
Myocardial Biopsy	77/135	
Electrophysiologic study with programmed stimulation (diagnostic)	1148/1655	
Catheter Intervention for arrhythmia (ablation)	838/1088	
Implantable defibrillator	210/311	
Adult pulmonary valvuloplasty (interventional)	1/1	
Adult mitral valvuloplasty (interventional)	25/19	
Adult aortic valvuloplasty (interventional)	32/6	

tional)		
Carotis - stent	62	

*see Reference 12,20

● Table 4)

Parameters for outcome and risk stratification

	1995 patients/ centers (n)	1996 patients/ centers (n)	1997 patients/ centers (n)	1998 patients/ centers (n)
Proven ischemia before PTCA	2729/11	3033/14	3393/14	3644/15
Stress test before PTCA		2451	2752/15	3405/16
Primary success rate after PTCA	3703/14	5163/17	6287/19	6390/18
Stress test 3 months after PTCA	1555/8	1687/9	1932/10	1524/9
Culprit lesion Type A (%)		748 (11%)	797 (11%)	951 (11%)
Culprit lesion Type B (%)		2292(34%)	2752 (37%)	4021 (47%)
Culprit lesion Type C (%)		1282(19%)	1353 (18%)	2087 (24%)
Culprit lesion Type unknown (%)		2380(36%)	2527 (34%)	1500 (17%)

● Table 5)

AUSTRIA (8 million inhabitants)	1992	1993	1994	1995	1996	1997	1998
Coronary angiography (CA) per million inhabitants (n)	2351	2721	2637	2996	3296	3726	3927
PTCA per million inhabitants (n)	472	533	617	737	838	951	1070
Ratio of (CABG+PTCA) per CA (%)	36	36	40	41	40	39	39
PTCA during diagnostic CA (%)	39	50	48	50	55	61	70
Ratio of PTCA for ongoing myocardial infarction (%)	1,7	1,8	2,3	2,8	5,1	3,9	5,5
Ratio of hospital mortality after PTCA (%)	0,5	0,5	0,5	0,5	0,6	0,6	0,5
Ratio of myocardial infarction due to PTCA (%)	1,9	1,2	1,4	1,3	1,1	0,9	0,9
Ratio of emergency CABG due to PTCA (%)	0,9	0,7	1,2	0,8	0,4	0,3	0,2
Ratio of stenting in PTCA (%)	2,4	4,3	8,9	27	47	58	68

● Table 6)

SWITZERLAND (7 million	1992	1993	1994	1995	1996	1997

inhabitants)						
Coronary angiography (CA) per million inhabitants (n)	2110	2602	3031	3307	3508	3632
PTCA per million inhabitants (n)	462	665	822	959	1102	1241
Ratio of (CABG+PTCA) per CA (%)	48	50	50	48	50	51
PTCA during diagnostic CA (%)	43	39	51	59	60	74
Ratio of PTCA for ongoing myocardial infarction (%)	3,1	3,3	4,4	6,0	6,1	6,8
Ratio of hospital mortality after PTCA (%)	1,0	0,6	0,6	0,6	0,7	0,6
Ratio of myocardial infarction due to PTCA (%)	1,8	1,2	1,2	1,1	1,1	1,2
Ratio of emergency CABG due to PTCA (%)	1,2	0,8	0,9	0,7	0,4	0,3
Ratio of stenting in PTCA (%)	3,6	6,0	15	28	50	57