

Sex Differences in Percutaneous Coronary Intervention—Insights From the Coronary Angiography and PCI Registry of the German Society of Cardiology

In the article by Heer et al, “Sex Differences in Percutaneous Coronary Intervention—Insights From the Coronary Angiography and PCI Registry of the German Society of Cardiology,” which published online March 20, 2017, and appeared in the March 2017 issue of the journal (*J Am Heart Assoc.* 2017; 6:e004972. DOI:10.1161/JAHA.116.004972.), incorrect values were presented in Table 1 in the section for PCI

in STEMI-ACS patients without cardiogenic shock (pp. 3–4) from the “On hemodialysis” row to the final row, “Resuscitation in cath lab”. The corrected Table 1 is presented below.

The authors regret the error.

The online version of the article has been updated and is available at <http://jaha.ahajournals.org/content/6/3/e004972>.

Table 1. Baseline and Procedural Characteristics

	Women	Men	Age-Adjusted OR (95% CI)
PCI in elective patients			
	n=24 262 (26.9%)	n=65 972 (73.1%)	
Age, y	72 (65; 78)	68 (60; 74)	
History of PCI	42.9% (10 316/24 066)	51.6% (33 711/65 308)	0.72 (0.69-0.74)
History of CABG surgery	10.1% (2443/24 178)	16.5% (10 811/65 684)	0.50 (0.47-0.52)
LV ejection fraction \leq 40%	8.9% (1946/21 805)	13.4% (7921/59 019)	0.59 (0.56-0.62)
Diabetes mellitus	29.8% (7124/23 879)	25.0% (16 222/64 800)	1.20 (1.16-1.24)
Renal insufficiency	16.5% (3931/23 862)	16.7% (10 863/64 874)	0.79 (0.76-0.82)
Diagnostic XA and PCI in 1 session	84.8% (20 565/24 262)	83.9% (55 371/65 972)	1.08 (1.04-1.13)
PCI successful*	95.2% (23 093/24 262)	94.1% (62 051/65 972)	1.25 (1.16-1.33)
Stent implanted	90.0% (21 829/24 262)	88.9% (58 651/65 972)	1.11 (1.06-1.17)
PCI in more than 1 vessel	8.9% (2169/24 261)	11.0% (7224/65 972)	0.78 (0.74-0.82)
PCI in complete vessel occlusion	7.5% (1808/24 181)	9.2% (6028/65 733)	0.87 (0.82-0.92)
PCI in CABG	2.1% (512/24 181)	4.6% (3024/65 733)	0.38 (0.35-0.42)
PCI in unprotected left main	1.2% (288/24 181)	1.4% (935/65 733)	0.76 (0.67-0.87)
PCI in last coronary vessel	0.3% (67/24 181)	0.4% (233/65 733)	0.72 (0.55-0.95)
PCI in NSTEMI-ACS patients without cardiogenic shock			
	n=14 336 (29.7%)	n=33 879 (70.3%)	
Age, y	74 (66; 80)	68 (58; 75)	
History of PCI	30.0% (4227/14 101)	35.6% (11 872/33 326)	0.72 (0.69-0.75)

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J Am Heart Assoc. 2017;6:e002331. DOI: 10.1161/JAHA.117.002331.

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Table 1. Continued

	Women	Men	Age-Adjusted OR (95% CI)
History of CABG surgery	8.9% (1263/14 234)	15.0% (5043/33 623)	0.44 (0.41-0.47)
LV ejection fraction \leq 40%	13.6% (1561/11 437)	16.8% (4525/26 886)	0.66 (0.62-0.70)
Diabetes mellitus	31.6% (4367/13 808)	25.1% (8205/32 649)	1.22 (1.17-1.28)
Renal insufficiency	21.5% (2989/13 888)	20.7% (6807/32 806)	0.73 (0.70-0.77)
On hemodialysis	1.9% (257/13 888)	2.0% (643/32 806)	0.83 (0.72-0.97)
Diagnostic XA and PCI in 1 session	95.3% (13 662/14 336)	95.1% (32 230/33 879)	1.14 (1.04-1.25)
PCI successful*	94.6% (13 556/14 336)	94.1% (31 893/33 878)	1.17 (1.07-1.28)
Stent implanted	90.2% (12 935/14 336)	89.8% (30 436/33 879)	1.10 (1.02-1.17)
PCI in more than 1 vessel	11.9% (1703/14 336)	11.8% (3987/33 879)	0.93 (0.88-0.99)
PCI in complete vessel occlusion	17.4% (2486/14 288)	20.3% (6836/33 753)	0.92 (0.88-0.97)
PCI in CABG	3.0% (429/14 288)	6.8% (2301/33 753)	0.33 (0.30-0.37)
PCI in ostial stenosis	7.0% (1007/14 288)	5.7% (1910/33 753)	1.13 (1.04-1.22)
Resuscitation in cath lab	0.6% (88/14 335)	0.3% (101/33 877)	1.78 (1.32-2.39)
PCI in STEMI-ACS patients without cardiogenic shock			
	n=9156 (27.8%)	n=23 830 (72.2%)	
Age, y	72 (61; 79)	62 (53; 71)	
History of PCI	12.4% (1103/8875)	17.6% (4057/23 112)	0.59 (0.55-0.64)
History of CABG surgery	2.8% (251/9028)	4.5% (1065/23 562)	0.42 (0.37-0.49)
LV ejection fraction \leq 40%	19.7% (1161/5894)	18.6% (2849/15 304)	0.92 (0.85-0.99)
Diabetes mellitus	25.5% (2115/8282)	17.7% (3811/21 547)	1.31 (1.23-1.40)
Renal insufficiency	16.4% (1305/7934)	12.3% (2550/20 690)	0.87 (0.81-0.94)
On hemodialysis	1.0% (81/7934)	0.8% (164/20 690)	0.99 (0.75-1.31)
Diagnostic XA and PCI in 1 session	98.1% (8978/9156)	98.1% (23 372/23 830)	1.08 (0.90-1.30)
PCI successful*	93.5% (8557/9156)	94.7% (22 568/23 830)	0.96 (0.87-1.07)
Stent implanted	91.1% (8341/9156)	92.4% (22 028/23 830)	0.96 (0.87-1.05)
PCI in more than 1 vessel	8.2% (753/9155)	7.7% (1825/23 829)	0.98 (0.89-1.07)
PCI in complete vessel occlusion	52.5% (4804/9146)	54.2% (12 915/23 818)	0.98 (0.94-1.03)
PCI in CABG	1.1% (103/9146)	2.2% (517/23 818)	0.33 (0.27-0.42)
PCI in ostial stenosis	3.9% (361/9146)	3.3% (779/23 818)	1.09 (0.96-1.25)
Resuscitation in cath lab	1.4% (127/9156)	1.0% (231/23 830)	1.32 (1.06-1.66)
PCI in cardiogenic shock			
	n=963 (30.3%)	n=2219 (69.7%)	
Age, y	74 (66; 81)	67 (57; 75)	
History of PCI	17.8% (154/864)	25.6% (498/1943)	0.59 (0.48-0.72)
History of CABG surgery	7.0% (64/919)	10.2% (218/2145)	0.55 (0.41-0.75)
LV ejection fraction \leq 40%	62.4% (406/651)	66.9% (984/1471)	0.77 (0.63-0.94)
Diabetes mellitus	35.4% (274/775)	31.4% (544/1735)	1.00 (0.83-1.20)
Renal insufficiency	37.5% (291/776)	36.6% (654/1788)	0.76 (0.63-0.92)
STEMI	77.6% (747/963)	73.7% (16 536/2219)	1.45 (1.21-1.75)
Diagnostic XA and PCI in 1 session	97.9% (943/963)	98.0% (2175/2219)	0.99 (0.57-1.72)
PCI successful*	86.1% (829/963)	85.7% (1901/2219)	1.19 (0.95-1.49)
Stent implanted	86.1% (829/963)	85.9% (1907/2219)	1.13 (0.90-1.41)

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Table 1. Continued

	Women	Men	Age-Adjusted OR (95% CI)
PCI in complete vessel occlusion	65.3% (628/962)	62.0% (1376/2218)	1.29 (1.09-1.51)
PCI in CABG	2.5% (24/962)	4.7% (105/2218)	0.41 (0.26-0.64)
PCI in last coronary vessel	2.8% (27/962)	4.3% (96/2218)	0.62 (0.39-0.96)

Values are expressed as percentages (number of occurrences/available cases) except for age (median; interquartile range). Only relevant data are shown. The complete tables can be found in Tables S1 through S4. CABG indicates coronary artery bypass graft; LV, left ventricle; NSTEMI-ACS, non-ST elevation acute coronary syndrome; OR, odds ratio; PCI, percutaneous coronary intervention; STEMI, ST elevation myocardial infarction; XA, coronary angiography.

*Defined as <20% final diameter stenosis after stent implantation and <50% after coronary angioplasty without stent implantation in visual assessment associated with TIMI flow grade ≥ 2 .