

Supplemental Digital Content 3: Characteristics of all percutaneous coronary intervention discharges with and without ION in the NIS, 1998 to 2013.

Cases	All Cases: ION	All Cases: Unaffected
All patients: number of discharges	206	9,520,272
Age group (years)	<57 (%)	2,953,035 (24.8)
	57-65 (%)	2,020,034 (21.3)
	66-74 (%)	2,333,762 (29.0)
	>75 (%)	2,212,196 (24.9)
	Missing	1,245 (0.01)
Mean length of stay days (95% CI)	6.33 (4.67-7.99)	3.08 (3.03-3.13)
Mean total charges, \$ (95% CI) (inflation adjusted to 2013)	83,901 (68,979-98,823)	58,801 (57,096-60,506)
Sex	Female (%)	3,211,944 (33.7)
	Male (%)	6,306,537 (66.2)
	Missing	1,791 (0.01)
Type of admission	Elective (%)	2,222,212 (23.3)
	Non-elective (%)	5,213,781 (54.7)
	Missing (%)	2,084,279 (21.9)
Discharge status	Routine (%)	8,667,406 (91.0)
	Short-term hospital (%)	56,913 (0.60)
	Home health care (%)	295,215 (3.1)
	Other (%)	353,093 (3.7)
	Died (%)	119,100 (1.3)
	Missing (%)	3,154 (0.1)
Obesity (%)	24 (11.7)	938,311 (9.9)
Obstructive sleep apnea (%)	10 (4.9)	186,300 (2.0)
Smoking (%)	55 (26.7)	2,923,167 (30.7)
Hypertension (%)	127 (61.7)	5,543,672 (58.2)
DM type 1 without complications (%)	<10 (4.9)	113,474 (1.2)
DM type 2 without complications (%)	43 (20.9)	2,433,520 (25.6)
Diabetic retinopathy (%)	<10 (4.9)	70,259 (0.7)
DM with renal manifestations (%)	14 (6.8)	104,550 (1.1)
DM with neurological manifestations (%)	<10 (4.9)	132,936 (1.4)
DM with peripheral circulatory disorders (%)	<10 (4.9)	19,444 (0.2)
Peripheral vascular disease (%)	20 (9.7)	440,623 (4.6)
Coronary artery disease (%)	191 (92.7)	9,140,757 (96.0)
Carotid artery stenosis (%)	<10 (4.9)	135,468 (1.4)
Stroke (%)	10 (4.9)	38,831 (0.4)
Atrial fibrillation (%)	39 (18.9)	827,595 (8.7)
Congestive heart failure (%)	55 (26.7)	1,273,378 (13.4)
Cardiogenic shock (%)	10 (4.9)	183,959 (1.9)
Pulmonary hypertension (%)	10 (4.9)	174,493 (1.8)
Intra-aortic balloon pump (%)	11 (5.3)	224,064 (2.4)

Anemia (%)	44 (21.4)	777,124 (8.2)
Blood transfusion (%)	10 (4.9)	185,409 (1.9)
Acute kidney injury (%)	30 (14.6)	334,730 (3.5)
Chronic kidney disease (%)	34 (16.5)	414,571 (4.4)
Glaucoma (%)	<10 (4.9)	83,057 (0.8)
Age-related macular degeneration (%)	<10 (4.9)	24,368 (0.3)
Hypertensive retinopathy (%)	<10 (4.9)	2,132 (0.02)
Cataract (%)	<10 (4.9)	14,291 (0.2)

Results are nationwide estimates using NIS weighting and STATA survey function. Numbers are

presented as count estimates or means with percent in parentheses and respective 95%

confidence intervals in brackets when indicated. Results with n < 10 could not be reported due

to Agency for Healthcare Research and Quality regulations. See table, Supplemental Digital

Content 1, for ICD-9-CM diagnostic codes used to identify noted characteristics. Total charges

were inflation adjusted to 2013 dollars using Bureau of Labor Statistics

(<http://www.bls.gov/data/>). Percutaneous coronary intervention procedures include patients

undergoing either a bare metal stent placement, drug eluting stent placement or placement of

both during the admission. Patients that also underwent a cardiac surgical procedure during

this admission were excluded.

Abbreviations: DM = diabetes mellitus; ICD-9-CM = Internal Classification of Diseases, Ninth

Revision, Clinical Modification; ION = ischemic optic neuropathy; NIS = National Inpatient

Sample.