Additional file 1. Flow Chart showing patient selection for AMI cohort for our study

All black and white patients with primary DX 410 and admitted between 1/1/1991 and 12/31/2010 were identified: 6,694,952

Exclude

- 1. HMO patients: 305,240
- 2. Primary DX = 410.X2: 63,540
- 3. Age less than 66 at the time of admission: 391,353
- 4. Non short stay: 112,060
- 5. Transfer-in: 732,486
- 6. Use "1-year" look-back to exclude AMIs that occurred within 365 days of one another: 1,015,386
- 7. patients discharged alive within 1 day of admission not against medical advice: 4,494
- 8. AMI admission dates between 12/1/2005 and 12/31/2005 and between 12/1/2010 and 12/31/2010 to allow for 30-day follow-up after the onset of AMI: 25,126

3,346,610 AMI index admissions between 1/1/1992 and 12/1/2005, and 698,657 AMI index admissions between 1/1/2007 and 12/1/2010

CABG within 30-day of index admission date; ICD-9 codes found in any of the six procedural codes: 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619: 477,064

CAG within 30-day of index admission date; ICD-9 codes found in any of the six procedural codes: 3721, 3722, 3723, 8855, 8856,

0057 0000,0000

8857: 2,069,381

PTCA within 30-day of index admission date; ICD-9 codes found in any of the six procedural codes: 3601, 3602, 3603, 3604, 3605, 3606, 3607,3609, 0066: 1,004,323

30-day of index admission date: 1,447,124

Revasculariz

ation within

30-day Mortality: 750,246