Supplementary figure 1. Sensitivity analysis designed to include only individuals meeting conservative definition of having a congenital heart defect; revised inclusion and exclusion criteria were placed on the 2,542 individuals included in the primary analysis.

2,542 Patients ever diagnosed with CHD during a hospitalization in 2006-2011

1,272 patients met inclusion criteria and contributed to final sample, regardless of additional diagnoses:
- Ever diagnosed with a CCHD (n=341)
- Ever had CHD as a principal diagnosis (n=547)
- Ever having a CHD and cardiac procedure in the same hospitalization (n=384)*

1,270 patients were not ever diagnosed with a CCHD, did not ever have a CHD as the principal diagnosis, and did have a CHD and cardiac procedure in the same hospitalization.

Exclude:
- Patients ever diagnosed with ischemic heart disease (n=415)
- Patients ever diagnosed with diabetes (n=105)
- Patients ever diagnosed with sickle cell disease (n=4)

746 patients remaining after exclusion criteria

2,018 Patients included in sensitivity analysis

* ICD-9-CM procedure codes used to identify cardiac procedures: 35.00-35.04, 35.10-35.14, 35.20-35.28, 35.31-35.35, 35.39, 35.41-35.42, 35.50-35.54, 35.60-35.63, 35.70-35.73, 35.81-35.84, 35.91-35.95, 35.98-35.99, 37.33, 37.5, 37.51-37.52, 39.0, 39.21, 38.34-38.35, 38.44-38.45, 38.64-38.65, 38.84-38.85, 39.49, and 39.56-39.59