

## Supplementary Online Content

Gross CP, Long JB, Ross JS, et al. The cost of breast cancer screening in the Medicare population. *JAMA Internal Med*. Published online January 7, 2013. doi: 10.1001/jamainternmed.2013.1397.

**eTable 1.** Elixhauser conditions included in comorbidity index

**eTable 2.** Screening and downstream breast procedures

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1: Elixhauser conditions included in comorbidity index**

Congestive Heart Failure

Cardiac Arrhythmia

Valvular Disease

Pulmonary Circulation Disorders

Peripheral Vascular Disorders

Paralysis

Other Neurological Disorders

Chronic Pulmonary Disease

Diabetes Uncomplicated

Diabetes Complicated

Renal Failure

Liver Disease

AIDS/HIV

Rheumatoid Arthritis/collagen

Coagulopathy

Weight Loss

Fluid and Electrolyte Disorders

Blood Loss Anemia

Deficiency Anemia

Alcohol Abuse

Drug Abuse

Psychoses

Depression

**eTable 2: Screening and downstream breast procedures**

<b>Description</b>	<b>Codes</b>
<b>Screening Mammography</b>	
Film	HCPCS: 76092, 77057, 76090, 76091, 77055, 77056 *Categorized using algorithm as screening or diagnostic ICD9 Diagnosis: V76.1, V76.11, V76.12
Digital	HCPCS: G0202, G0203
<b>Diagnostic Mammography</b>	
Film	HCPCS: 76090, 76091, 77055, 77056 *Categorized using algorithm as screening or diagnostic
Digital	HCPCS: G0204, G0205, G0206, G0207
<b>Computer Aided Detection</b>	HCPCS: 76082, 76083, 76085, 77051, 77052, G0236
<b>Other Breast Imaging</b>	HCPCS: C8903-C8908, 76093-76094, 77058-77059, 76645, G0252-G0254 HCPCS: 78608-78609, 78810-78816, 70450-70470, 70551-70553, 71250-71270, 74150-74175, 76098, 76140, 76375, 76376, 76377, 78300-78306, 78800-78802 with relevant breast diagnosis ICD9 Procedure: 88.73 with relevant breast diagnosis

**eTable 2: Screening and downstream breast procedures (continued)**

<b>Description</b>	<b>Codes</b>
<b>Breast Biopsy and Related Procedures</b>	HCPCS: 19000, 19001, 19100, 19101, 19102, 19103, 19110, 19112, 19120, 19125, 19126, 19160, 19301 ICD9 Procedure: 85.11, 85.12, 85.19, 85.2x, 85.20, 85.21, 85.22, 85.25, 85.91
Anesthesia	HCPCS: 00400, 00402, 00404, 00406 (-1 to 7 days from biopsy)
Needle localization	HCPCS: 19290, 19291, 76360, 76393, 76942, 19295, 76095, 77031, 76096, 77032 HCPCS: 76393, 77021, 76942 same day as biopsy
Other Procedures	HCPCS: 10021, 10022, 38500-38525, C1879 with relevant breast diagnosis
Relevant Pathology	HCPCS: 88104-88112, 88160-88162, 88172-88173, 88271-8827, 88300-8830, 88311-8831, 88321-88334, 8834, 88346-8834, 8836 (if -1 to +7 days from biopsy) HCPCS: 83950
<b>Relevant Breast Diagnoses</b>	ICD9 Diagnosis: 174.x, 196.3, 217.x, 233.0, 239.3, 610.x, 611.0, 611.1, 611.2, 611.5, 611.6, 611.7, 611.8, 611.9, 793.8, V10.3, V16.3, V76.1