



ICD REGISTRY MEDICATION ABSTRACTION REFERENCE GUIDE

Use this guide to ensure correct medication abstraction and documentation for the ICD Registry™



Clinical Toolkits™

ICD MEDICATION METRIC DESCRIPTIONS (DEFINITION, INCLUSION AND EXCLUSION CRITERIA)*

Measure	#	Numerator/Denominator	Inclusion Criteria	Exclusion Criteria
Proportion of patients with left ventricular systolic dysfunction who were prescribed ACE-I or ARB therapy	4	<p>Count of implantable cardioverter defibrillator (ICD) implant patients with a diagnosis of heart failure and left ventricular systolic dysfunction (LVSD) with angiotensin-converting-enzyme inhibitor (ACE-I) or angiotensin receptor blocker (ARB) therapy prescribed at discharge</p> <hr/> <p>Count of ICD implant patients with LVSD (LVEF <40%)</p>	ICD implant patients with a diagnosis of LVSD	<p>Both ACE-I and/or ARB therapy contraindicated and/or blinded</p> <p>Patients <18 years old</p>
Proportion of patients with prior myocardial infarction (MI) who were prescribed beta-blocker therapy on discharge	5	<p>Count of ICD implant patients with prior MI and discharged on beta-blocker therapy</p> <hr/> <p>ICD patients with a prior MI</p>	ICD implant patients with prior MI	<p>Beta-blocker therapy contraindicated and/or blinded</p> <p>Patients <18 years old</p>
Proportion of patients with LVSD who were prescribed beta-blocker therapy on discharge	6	<p>Count of ICD implant patients with a diagnosis of LVSD prescribed beta blocker therapy on discharge</p> <hr/> <p>Count of ICD implant patients with LVSD (LVEF <40%)</p>	Implant patients with a diagnosis of LVSD	<p>Beta blocker therapy contraindicated and/or blinded</p> <p>Patients <18 years old</p>
Composite: Discharge medications (ACE/ARB and beta blockers) in eligible ICD implant patients	14	<p>Patients who receive all medications for which they are eligible:</p> <ol style="list-style-type: none"> 1. ACE/ARB prescribed at discharge (if eligible for ACE/ARB as described in denominator) AND 2. Beta blockers prescribed at discharge (if eligible for beta blockers as described in denominator) <hr/> <ol style="list-style-type: none"> 3. All patients with an ICD implant surviving hospitalization who are eligible to receive any one of the two medication classes: 4. Eligibility for ACE/ARB: Patients who have an ejection fraction (EF) of <40% AND do not have a documented contraindication to ACE/ARB documented OR 5. Eligibility for beta blockers: Patients who do not have a documented contraindication to beta blocker therapy and have: <ol style="list-style-type: none"> a. EF of <40% AND/OR b. A previous MI 	ICD implant patients eligible for beta blocker or ACE/ARB	Eligible for neither medication

OTHER CODING CONSIDERATIONS FOR ICD MEDICATION AT TIME OF DISCHARGE

Topic	Consideration
<p>Required Documentation</p>	<p>Medications At Discharge Standardized Coding Instructions require specific documentation to support the selection “No - Medical Reason” for each medication or class of medications, starting with discharge dates of January 1, 2020.</p> <p>Example: Documentation of “no Lisinopril due to renal insufficiency” will support coding of No-Medical Reason for ACE Inhibitor (10205) only.</p> <p style="text-align: right;">ICD Registry v2.2 Medication FAQs: FAQs IDs 18700, 18701</p>
<p>Coding Sotalol as beta blocker</p>	<p>For the purposes of the ICD Registry, capture sotalol by coding “yes” for antiarrhythmic agent and beta blocker.</p> <p style="text-align: right;">ICD v2.0 Medication FAQs: FAQ IDs 18440</p>
<p>Automatic contraindications</p>	<p>There is only one automatic contraindications to medication coding in the ICD Registry: In the scenario of a heart transplant, in the same episode of care as the ICD explant, please code No-Medical Reason, Seq. 10200, as it relates to ACE-I, ARB or Beta Blocker as we are unable capture the exclusion based on the improved LVEF of the patient at the time of discharge.</p> <p style="text-align: right;">ICD Registry v2.2 Medication FAQs: FAQs IDs 24648</p>

*Source: NCDR® Public Reporting Companion Guide, ICD Measures

Note: As source documents are updated, new versions of this tool will be available.