

# Medical Coverage Policies

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## Electrocardiographic Body Surface Mapping

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| <b>EFFECTIVE DATE</b> | 10/20/2009 | <b>LAST UPDATED</b> | 11/16/2010 |
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### Description:

Electrocardiographic body surface mapping (BSM) is a technique that uses multiple (generally 80 or more) electrocardiography (ECG) leads to detect cardiac electrical activity. It is suggested that the use of multiple leads may result in improved diagnostic accuracy compared to the standard 12-lead ECG. One potential use is in the evaluation of suspected acute myocardial infarction. Other potential uses include the diagnosis of pulmonary embolism and location of the accessory pathway in patients with Wolff-Parkinson-White (WPW) syndrome.

At this time the data is insufficient to determine whether electrocardiographic body surface mapping will lead to improved clinical outcomes.

### Medical Criteria:

Not applicable.

### Policy:

Electrocardiographic body surface mapping is considered **not medically necessary** as there is insufficient peer reviewed data to support its use.

### Coverage:

Benefits may vary between groups/contracts. Please refer to the appropriate Evidence of Coverage, Subscriber Agreement, Benefit Booklet, or RItE Care Contract for applicable not medically necessary benefits/coverage.

### Coding:

The following codes are **not medically necessary**:

0178T  
0179T  
0180T

### Also Known As:

Not applicable

### Related Topics:

Not applicable

### Published:

*Provider Update*, Dec 2009  
Provider Update, Mar 2011

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