

## **Bundle Branch Block (BBB)**

The heart has an electrical system that conducts the impulses necessary for the orderly contraction of heart muscle. If the system is slow to conduct or does not conduct at all, a person is said to have a heart block. Bundle Branch Blocks (BBB) are one type of heart block and occur in less than 1% of the population.

The right and left bundles are a group of conducting fibers that supply the electrical impulses to the ventricle (main pumping chamber of the heart) causing both the left and right ventricles to contract together. If a person has BBB, the right and left ventricles do not contract together and this abnormality will be visible on the electrocardiogram (ECG).

There are many causes of BBB, but the most common one is coronary artery disease (50%). Other causes include cardiomyopathy, hypertension, tumors, fibrosis (scarring) of the conduction fibers, congenital lesions, trauma, and aortic stenosis. However, BBB can also occur in a heart that has no obvious abnormalities.

There are several types of BBB as listed below. The rating depends on the type of BBB present, age when diagnosed, and stability of the condition.

ТҮРЕ	RATING *
An isolated finding with no known heart disease or history of changing ECG pattern of:  Incomplete Right Bundle Branch Block (IRBBB)  Complete Right Bundle Branch Block (CRBBB) - excluding Sarcoidosis  Left Anterior or Posterior Hemiblock (LAHB or LPHB)	Non-rated
Complete Left Bundle Branch Block (CLBBB) or Complete Right Bundle Branch Block with a Left Hemiblock (Bifascicular Block)	Age younger than 40 — Table B  Age 40 and older — Table C

\* For CLBBB and bifascicular block, if stable for 3 years and no other cardiovascular impairments or normal current thallium stress test, then can reduce by one rating class; after 6 years, possible non-rated.

If cardiovascular disease is present, the overall rating will be influenced by the severity of that

To get an idea of how a client with a history of Bundle Branch Block would be viewed in the underwriting process, use the Ask "Rx" pert Underwriter on the next page for an informal quote.

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RX FOR SUCCESS BUNDLE BRANCH BLOCK

Ask "Rx"pert Underwriter (Ask Our Expert)
After reading the Rx for Success on Bundle Branch Block (BBB), use this form to Ask "Rx" pert Underwriter for an informal quote.
Producer Phone Fax
If your client is known to have a Bundle Branch Block (BBB) on their electrocardiogram (ECG), please answer the following:
1. Please check type of BBB present.
☐ CLBBB ☐ CRBBB ☐ LAHB or LPHB ☐ IRBBB ☐ Bifascicular block
2. How long has this abnormality been present? (Years)
3. Has there been any recent change in the ECG?
☐ Yes. Please give details
□ No
4. Please check if your client has had any of the following (check all that apply).
☐ Chest pain or coronary artery disease ☐ Cardiomyopathy ☐ High blood pressure ☐ Congenital heart disease ☐ Valvular heart disease
5. Have any cardiac studies been completed?
A. Exercise treadmill or thallium:
6. Is your client on any medications?
☐ Yes. Please give details
7. Has your client smoked cigarettes in the last 12 months?
□ Yes
□No
8. Does your client have any other major health problems (e.g., heart disease, etc.)?
☐ Yes. Please give details