



Left ventricular hypertrophy associated with left axis deviation and possibly left anterior hemiblock.

Myocardial infarction with left axis deviation and possibly left — FIG. R37. anterior hemiblock.



Myocardial infarction with ventricular aneurysm.





► FIG. R39

				*	
			A IIIIIIII		
	V				
L1	L2	L3	AVR	AVP	

- Left anterior hemiblock[‡] with additional diagnosis based on these changes.
- Left anterior hemiblock with right bundle branch block (bifascicular block).† (See Fig. R20.)

Right axis deviation. Normal in infants and children and may be normal in adults, especially those with hyposthenic habitus. Sudden shifts of the axis to right axis deviation may be due to acute cor pulmonale. (See Chap. 9.)

The probability of **right ventricular hypertrophy** increases — FIG. R40 with each of these additional criteria.





*When, in addition, abnormal Q waves are present, the additional diagnosis of myocardial infarction is made. *When, in addition, the P-R interval is prolonged, disease of the remaining fascicle(s) must be considered. → Marked right axis deviation. Usually abnormal and due to — FIG. R41 right ventricular hypertrophy.















→ Left posterior hemiblock with right bundle branch block → FIG. R43 (bifascicular block).†‡

Ca

→ Left posterior hemiblock.†‡ -

Confirms the diagnosis of right ventricular hypertrophy.

► FIG. R44

→ FIG. R42



→ Of no diagnostic significance. When associated with other → FIG. R45 abnormalities of the electrocardiogram, the diagnosis is based on these other findings.





→ Refer to Left Axis Deviation section, page 118-120.

Normal when no other associated electrocardiographic ab- FIG. R47 normalities are present.





Occasionally seen in left ventricular hypertrophy where other ______ FIG. R48 and more characteristic changes in the electrocardiogram will be found.



CHAPTER 6 Differential Diagnosis of the S-T Segment



KEY PAGE—S-T SEGMENT ABNORMALITIES



ABNORMAL DISPLACEMENT OF S-T SEGMENT

Isolated displacement or alteration of form of the S-T segment is nonspecific and, though abnormal, is not diagnostic of the underlying cardiac disease. This change must be evaluated in conjunction with the clinical history and physical examination, drugs administered, and electrolyte changes secondary to both cardiac and noncardiac disease. Further information for establishing a diagnosis may be obtained from serial electrocardiographic changes. (Consult Chap. 9.)

In the presence of digitalis therapy, an isolated S-T segment depression cannot be attributed with certainty to any condition other than digitalis effect. Chapter 9 may aid in the differential diagnosis of associated disease.



