

Title: New Insights Into the Comorbidity of Coronary Heart Disease and Depression

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Coronary artery disease (CHD) and depression are common conditions that significantly reduce quality of life and place a significant financial burden on society. They also often co-exist, worsening the patient's condition and worsening the prognosis. This comorbidity strongly suggests a common pathological mechanism. This review focuses on the development of depression in CAD patients, the adverse effects of depression on CAD symptoms, and the underlying mechanisms of comorbidity. In addition to the general mechanisms known for decades, this review summarizes the interesting and original potential mechanisms underlying comorbidities such as: B. Endocrine substances, gut. Endocrine flora and microRNA. Finally, there are several treatment strategies for the comorbidity, involving drugs and psychotherapy, which may provide a theoretical basis for further basic research and clinical investigations on improved therapeutic interventions.