50 LOẠI UNG THƯ

New blood test detects more than 50 types of cancer

• A new blood test detects more than 50 types of cancer as well as their location within the body with a high degree of accuracy, according to an international team of researchers. The results suggest that this test could be a feasible way to screen people for the early detection of a wide variety of cancers, particularly some dangerous cancers that lack standard screening methods. The test uses targeted methylation analysis of circulating cell-free DNA, and has an overall specificity of 99.3% and a sensitivity of 67.3% (in an assay of 12 common cancer types). When cancer was detected, the test correctly identified (with > 90% accuracy) the organ or tissue where the cancer originated. The test will now be further validated in a multicenter clinical trial.

ÂM NHẠC & CHỮA LÀNH

Music soothes the savage breast... after heart attack

• After suffering a heart attack, patients with angina who listened to 30 minutes of music each day had less pain and anxiety—and fewer risks for subsequent heart conditions—than similar patients who didn't listen to music. In a 7-year study, researchers in Serbia showed that music therapy plus standard medical treatment reduced anxiety, pain sensation, and pain distress by one-third and reduced angina symptoms by about one-quarter compared with standard treatment alone. Patients who listened to music also had significantly lower rates of subsequent cardiac events, including lower rates of heart failure, heart attack, coronary artery bypass graft surgery, and cardiac death.