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Scientists have developed an electronic skin which can detect small lumps in the breast, less than 21 mm. These lumps usually go undetected in the currently available methods of screening. Early detection of breast cancer improves survival rate by 94 percent, experts said. The research was published in the *Journal ACS Applied Materials & Interfaces*.

Researchers developed this electronic skin out of nanoparticles and polymers that can detect and feel small objects. The device has been tested on a breast model made of silicone. It can also be used to screen patients for early signs of melanoma and other cancers.