

System and Method for Monitoring Tissue within the Body

Published date: Feb. 13, 2015

Technology description

USF inventors have developed a monitoring system specifically designed to monitor tissues of the human body. The monitoring system is configured in such a way as to receive the data transmitted and generate a three-dimensional image of a monitored object based upon the data. While its application in breast cancer detection is discussed in detail, it is noted that this is but one of many applications in which such a system can be used. This system can be integrated into an elastic bandage that is applied to a broken limb prior to applying a cast to the limb in order to monitor the healing process of bone tissue.

The University of South Florida has developed a smart system and method for detecting and monitoring breast cancer and other tissue within the human body.

Application area

breast cancer detection, monitoring the healing process of bone tissue

Advantages

Persistent monitoring of tissue Accurate results of detected tissue Convenient and easy to use

Institution

[University of South Florida](#)

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