

Real-Time Melanoma Detection Using a Camera

Status: Available

Group Members:

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Project Description

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The most dangerous form of skin cancer is Melanoma. Melanoma can start as a new, brown or black, flat, freckle-like spot on the skin's outer surface. It can also begin as a change in the shape or colour of an existing mole or coloured spot.

If melanoma is recognized and treated early, it is almost always curable, but if it is not, the cancer can advance and spread to other parts of the body, where it becomes hard to treat and can be fatal.

The most important warning sign of melanoma is a new spot on the skin or a spot that is changing in size, shape, or color. So, early detection of any of these symptoms will help the patients to be treated in early stages.

The study of the melanoma's color changes has been done, as the color tone difference of a melanoma can be detected in percentage.

The study of the size of any kind of melanoma will help us to detect a malignant melanoma by considering the changes in size and color of the mole. For this study a medical camera is used

