Foot Ulcers Analysis based on Color and Texture Features for Diabetes Patients

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Abstract

Diabetes foot ulcers is one of the medical issue. Presently, doctors and restorative overseers essentially build their wound assessment using visual examination of ulcer area and repairing status, but patient don’t have chance to self analysis the ulcer. From now on, adoration quantitative and useful examination system that allows the patients and their parental figures to participate in consistently twisted care can animate injury recovering, save travel cost. Considering the regularity of PDAs with a high-assurance automated camera, assessing wounds by separating pictures of endless foot ulcers is a charming decision. In this framework, we lodge novel damage image processing structure completed using Color extraction and texture analysis. Here we designed the classifier depending on the color analysis and texture classification based on Normalized distance classifier.

References

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Index Terms

Computer Science

Image Processing

Keywords

Diabetes, Foot ulcers, Color Extraction, Texture Analysis, Normalized Distance Classifier