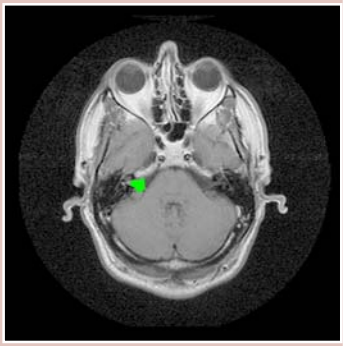
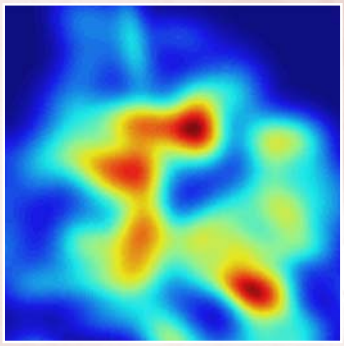
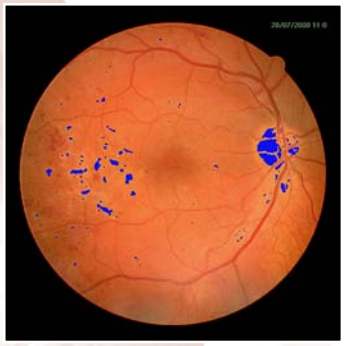
BMVA

British Machine Vision Association and Society for Pattern Recognition

Machine Vision for Medicine



Medical Image Processing is concerned with the visualisation, quantification and interpretation of images of human and animal anatomy. Medical images are often complex, of poor visual quality and open to subjective interpretation. Machine vision can be used to help analyse images, such as radiographs and magnetic resonance (MR) scans, leading to more effective use of an expert's time.

Machine Vision empowers the clinician with

- 3D VISUALISATION
- 3D TEXTURE ANALYSIS
- 3D AND 2D IMAGE REGISTRATION
- VIRTUAL OBJECT MANIPULATION

Leading to

- OBJECTIVITY IN MEASUREMENT AND ESTIMATION
- REPEATABILITY OF RESULTS
- CONSISTENCY IN DECISIONS

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