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REVIEW ARTICLE

A REVIEW ON BRAIN TUMOR DETECTION USING SEGMENTATION

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Abstract— Brain tumor is an abnormal mass of tissue in which some cells grow and multiply uncontrollably, apparently unregulated by the mechanisms that control normal cells. The growth of a tumor takes up space within the skull and interferes with normal brain activity. So detection of the tumor is very important in earlier stages. Various techniques were developed for detection of tumor in brain. This paper focused on survey of well-known brain tumor detection algorithms that have been proposed so far to detect the location of the tumor. The main concentration is on those techniques which use image segmentation to detect brain tumor. These techniques use the MRI Scanned Images to detect the tumor in the brain. Differences between some well-known techniques are also considered in this paper.

Key Terms: - Brain tumor MRI; Segmentation; Canny; Sobel; Clustering

Full Text: http://www.ijcsmc.com/docs/papers/July2013/V2I7201320.pdf