

segmented neutrophils are segmented by different models of level set segmentation. Thus diagnosis has become more convenient. A considerable challenge in image segmentation in real world images is intensity inhomogeneity. The existing image segmentation algorithms rely on region based and it typically features similarity of image intensities in the region of interest. Images that detect the megaloblastic anemia is somehow be more proper to detect the fully hyper segmented neutrophils. The present work merely focused on deciding the initial contour of neutrophils to determine whether the blood sample image is megaloblastic or not.

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