

Light microscopy distinctive morphological features of the vacuolar form of *Blastocystis hominis*

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Light microscopy of fresh stool samples most often helps detect the vacuolar form of *Blastocystis hominis*, which is at the basis of diagnosing blastocystosis. Computer processing and analysis were used to carry out a detailed study on 150 vacuolar forms in samples of 50 randomly selected patients. The morphological differences were assessed base on internal structure, the shape and size of the parasite cell, the number and location of nuclei, and the presence of other structures detectable by light microscopy. The morphological features found could be considered as species characteristics of *B. hominis*, applicable in differentiating it from other intestinal protozoa in human stool samples

Key words: *Blastocystis hominis*, vacuolar form



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