

# Cell Detection Algorithms

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Cell Detection is handle by two different algorithms, one using deep-learning and that works in eccentricities out of the very center of the eye (called Davidson's [MDRNN](#), with Neural Style Transfer as preprocessing [NST](#)) and the other using adaptive thresholding that works in the very center of the eye (called Tsarytsin's [ATMS](#)). The latter has been developed by one of the HOJG intern (Mikhail Tsarytsin). Please have a look in the specific Readme's for more details.

