5.2.1 – Oral cancer – lesion segmentation.

Today the common practice at odontological clinics and mobile registration units is the registration of human oral cavity using still picture or video CCD color cameras. The goal is to detect potentially precancerous lesions from harmless lesions. In this project the task is to implement a (semi) automatic segmentation/boundary detection method for the suspicious oral lesions.
You will be given a number of image examples with the lesions contours delineated by oral experts and you may use these images while training/tuning your algorithm.

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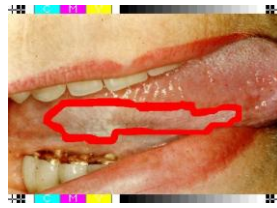Fig.1 An oral lesion.   Fig.2 The boundary of the lesion.

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