

Computer-Aided Diagnosis and Analysis for Medical Data

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Imaging technologies in medical diagnosis yield a great deal of information that allows medical doctors to detect diseases in an earlier stage. However, this technology advancement also means that clinicians have to analyze and evaluate a large amount of image data. Computer-aided diagnosis (CAD) software has been suggested to be a potential tool to improve diagnosis time and accuracy. In this talk, we will present two CAD systems under development in our lab. One is to detect blood vessel diseases for CT angiography; the other is to detect cancer for skin lesion images.