

**Acronym:** CCC

**Application Name:** Classification of Cancer Cells

**Main Developer:** Computer and Information Technology, Jordan

The purpose of this application is the development of an advanced approach for X-ray images in the context of signal processing, enabling medical users to diagnose automatically cancer cells.

The CCC is an executable Matlab file running on a Windows platform. You are firstly kindly required to download and install the suitable Matlab runtime software from the following web link <https://www.mathworks.com/products/compiler/mcr.html>. Second, please run the .exe file of the CCC application, then you need to upload a pair for X-ray Photo of breast cancer (mammogram).

To process the photo you're kindly required to click on buttons of the software from up to down for both left and right photos of X-ray Photo of breast cancer (mammogram). The output will be generated in the same work area of CCC.

For demonstration and testing purpose we are using a public domain two mammogram photos which were provided by this link: <https://drive.sesame.org.jo/owncloud/index.php/s/oE1uAbdJz8HOltb>.

A set of X-ray Photo of breast cancer (mammogram) will be provided on the very near future.