

Wound analyzer v0.01

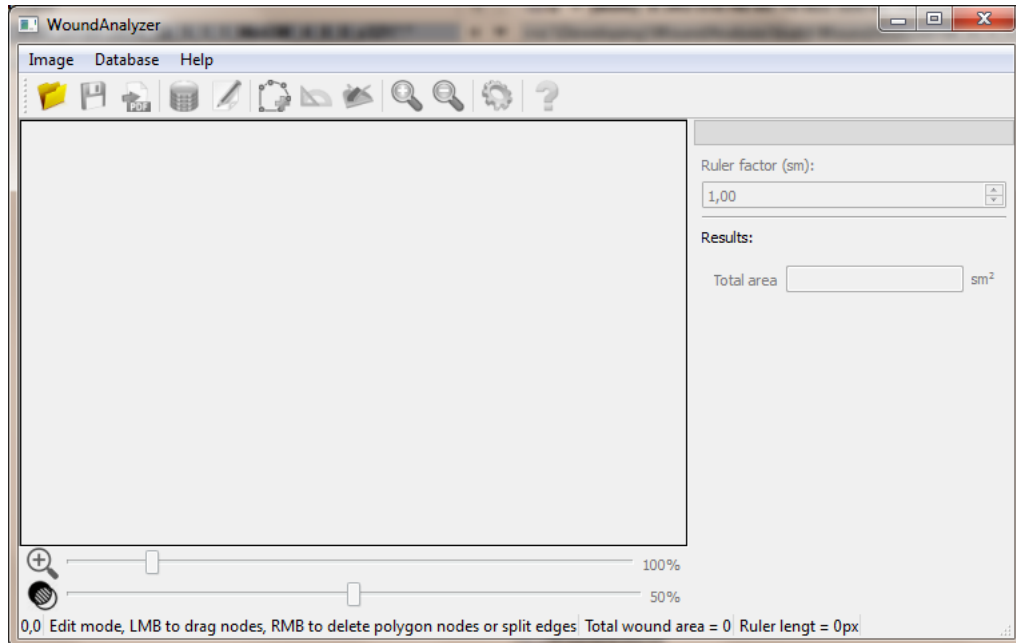
Nazariy Jaworski 2016©

Quick start

Step 1: Run application

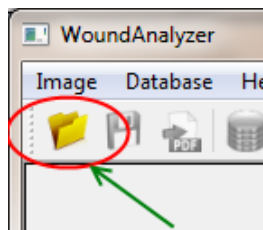
Run **WoundAnalyzer.exe** at corresponding directory.

The main window should appear:

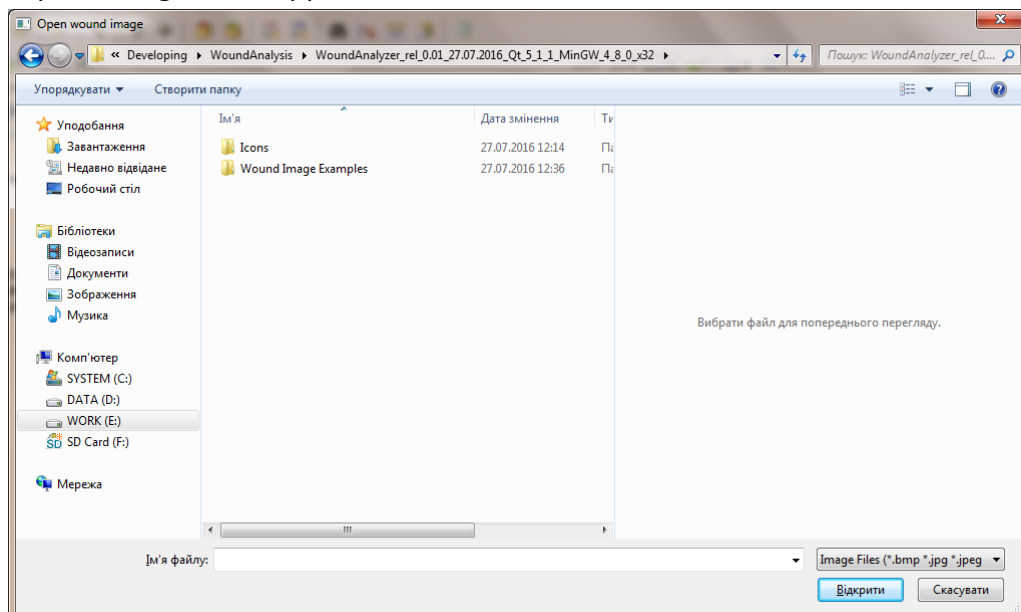


Step 2: Open wound image

Open existing wound image by running **Image→Open...** action or by pressing icon:

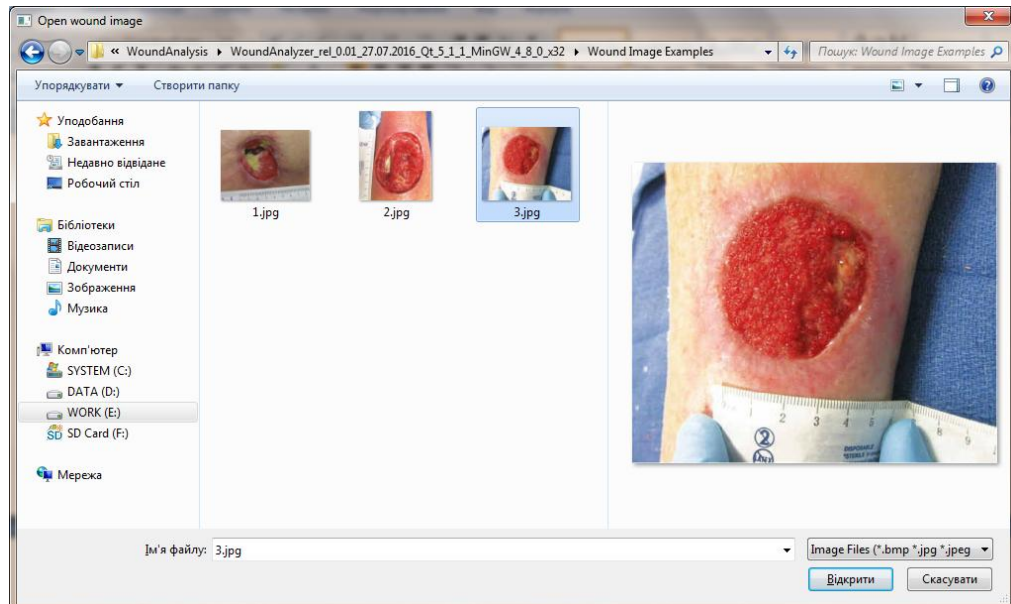


The File open dialog should appear:

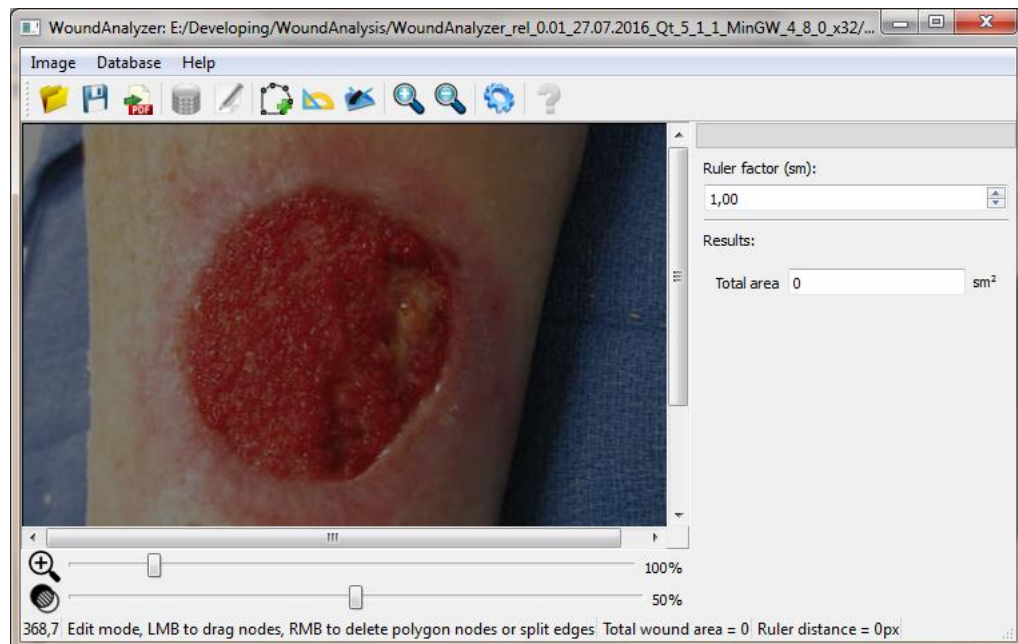


: supported image formats are ***.bmp *.jpg *.jpeg *.png *.tif *.tiff**

Example:



Press Open button, image should be opened now:



Step 3: Select wound border(s)

Run **Image→Polygon** action or press corresponding button:



The application should be running in “Polygon mode”, see the status bar at the bottom. Now simply do the mouse left button click on image to add nodes:

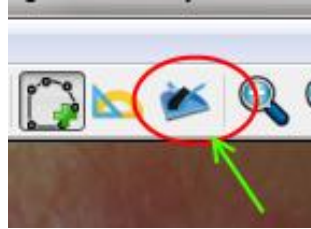




It is possible to create more than one polygon – turn off the polygon mode by running **Image→Polygon** action then turn on it again. Previous polygon should be saved and new mouse click should create new polygon.



If a mistake occurred the image can be cleared by running **Image→Clear** action or by pressing corresponding button:



Polygon can be edited – turn off the polygon mode by running **Image→Polygon** action. The application should be running in “Edit mode”, see the status bar at the bottom. The mouse cursor hovering over polygon nodes and edges should highlight them:



Each node can be dragged:



Each node can be deleted by right mouse button click over it:



Each edge can be split by right mouse button click over it:

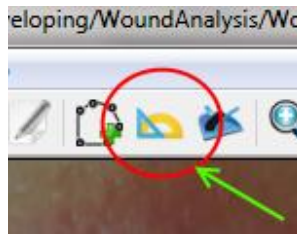


Use this features to select wound borders:



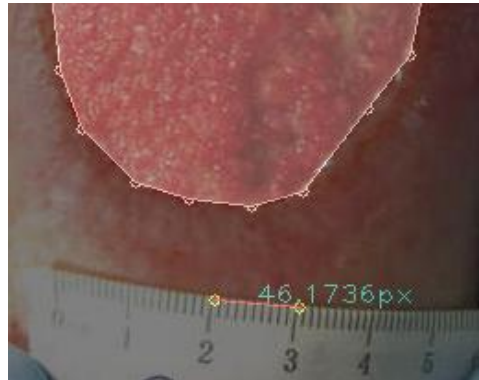
Step 4: Scale wound borders by ruler

Run **Image→Ruler** action or press corresponding button:



The application should be running in “Ruler mode”, see the status bar at the bottom.

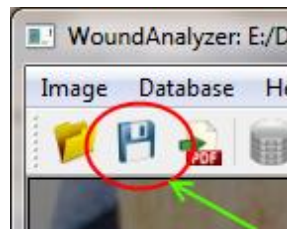
Now simply do two mouse left button clicks on image to add ruler nodes:



Ruler can be edited – turn off the ruler mode by running **Image→Ruler** action. The application should be running in “Edit mode”, see the status bar at the bottom. The mouse cursor hovering over ruler nodes highlight them. Each node can be dragged.

Step 5: Export results

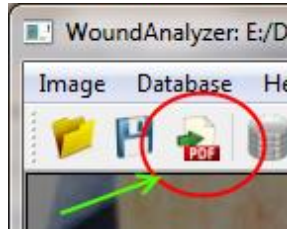
Run **Image→Save** action or press corresponding button:



The Image save dialog should appear. Resulting image will be “what you see is that you get”:



Run **Image→Export results** action or press corresponding button:



The Document save dialog should appear. Results will be saved in pdf format.