

It is possible to cure a wound just using a smartphone camera but there are some requirements and limitations. For instance, to determine effectiveness of a wound it's important to know the size. Therefore, if one take a very close photo of the wound and other take from a long distance then it would be difficult to determine the original height or width.

Measurement of the wound shape is important because it serves as a tool for the medical personnel to assess the effectiveness of a therapy and predict its outcome.

The most challenging part would be depth measurement of the wound.  
I haven't found anything if it's possible to measure the depth using a smartphone camera.  
However, I found an app which claims as mobile wound analyzer. Their website link given below.  
<https://www.healthpath.it/mowa.html>

There is a specific type of camera for wound direction called **RGB-D camera** but it's too expensive(around 10,000 \$).

**Here is the link of some low cost RGB-D camera**

<http://www.hizook.com/blog/2010/03/28/low-cost-depth-cameras-aka-ranging-cameras-or-rgb-d-cameras-emerge-2010>

There is a authorised wound detection camera named **Silhouette**. Here is the link of how it works.

[https://www.youtube.com/watch?time\\_continue=150&v=Am5WejkYuYw](https://www.youtube.com/watch?time_continue=150&v=Am5WejkYuYw)

We have to call them to know the price. Here is the link of pricing information.

<http://www.aranzmedical.com/news/wound-camera-cost/>

Their website link

<http://www.aranzmedical.com/silhouette/>

Here is a video which showed how a wound measure in real life.

<https://www.youtube.com/watch?v=ZWMaR-jheGY>