



DELIVERABLE REPORT

Grant Agreement number: 688303

Project acronym: LUCA

Project title: Laser and Ultrasound Co-Analyzer for thyroid nodules

Funding Scheme: H2020-ICT-28-2015

Deliverable reported: D6.3 Video

Due date: 29.04.2016

Name, title and organisation of partner: Núria Charles-Harris, ICFO – the Institute of Photonic Sciences.

Project website address: www.luca-project.eu





Contents

- 1. Objectives..... 3
- 2. Video 3
- 3. Conclusions 6



1. Objectives

Create a promotional video that gives an overview on Laser and Ultrasound Co-Analyzer for thyroid nodules (LUCA) project.

2. Video

This 3 minute video presents the motivation behind the project, why the consortium came up with the idea, what LUCA will do and our aim. It presents the members of the consortium and the expertise

A script was written between the project members and a storyboard was created. The consortium wanted to create a simple and easy to understand video. We also wanted to explain the idea and the reason behind the LUCA project. It was also important to follow the image and corporate design, used in the logo and in the webpage.

The main points in the script were:

Why?



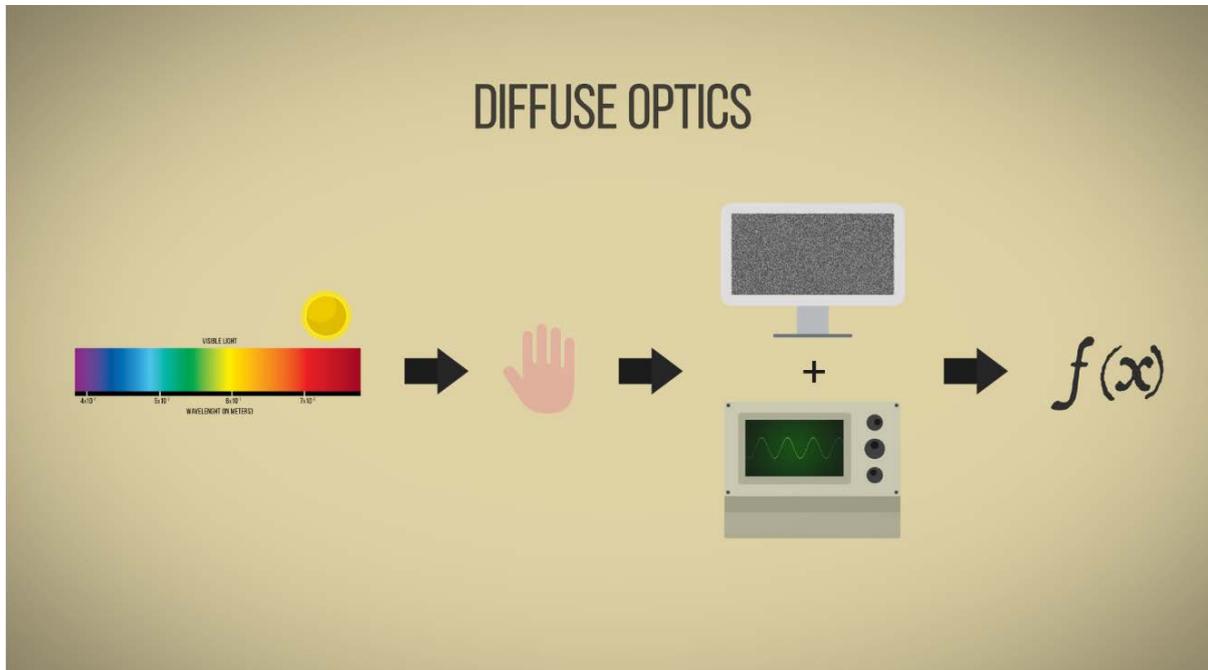
What will LUCA do? Reduce the unnecessary biopsies by building a new and professional device that combines photonics with ultrasound in the thyroid cancer screening.



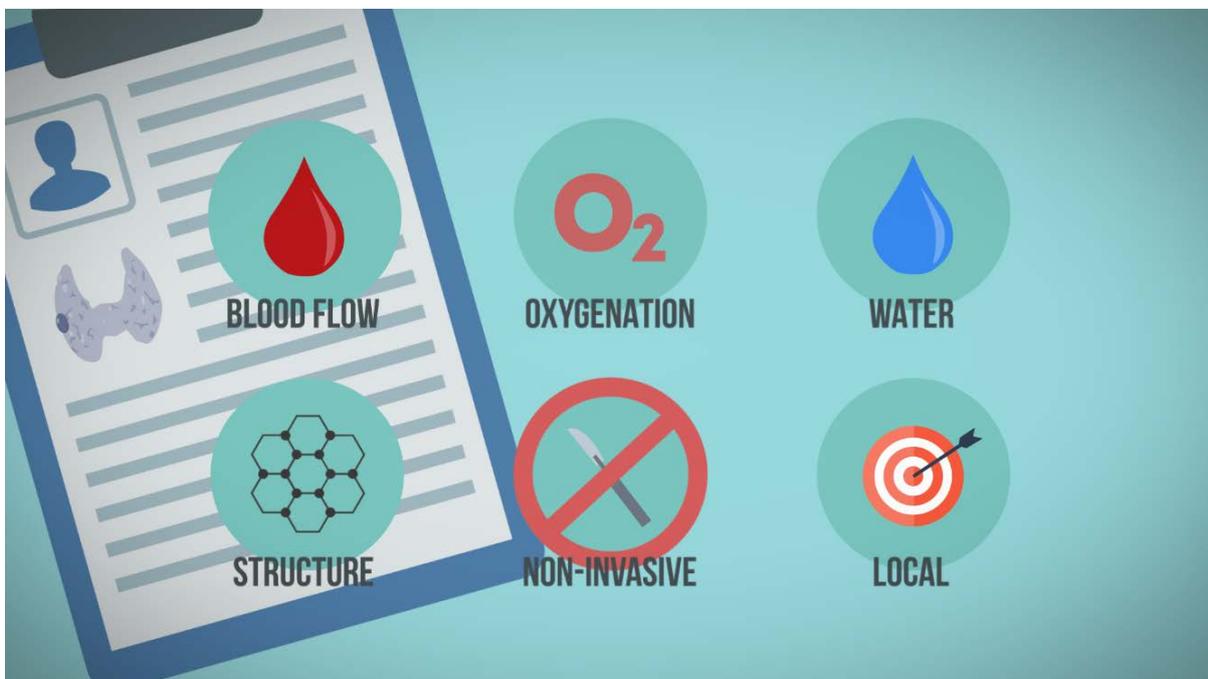
Where did we get this idea:



How will we make it work? Diffuse optics is a new technique. Near-infrared ("reddish") light can go deep into the tissue. We shine light of different colours/wavelengths on the tissue, detect it at a distance, and apply a physical model.



What will we be able to do as a consortium? We can measure the flow of blood, the amount of blood, the amount of oxygen, water and collagen non-invasively and locally



We finally explain the questions we ask ourselves. Can we reduce the number of unnecessary biopsies?



Can we reduce the number of surgeries? Can we save millions of euros every year?, Finally, we will ask can the same device can be used for other cancers?

To be able to envision the video please follow the link in youtube:

<https://youtu.be/GeVQS0MzJ4U>

3. Conclusions

The LUCA video is targeted for general public to disseminate and explain the LUCA project. It gives information on the project's activities, objectives and consortium. . The consortium will use it to present the project whenever possible, and it is visible in the webpage.

