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# Early Detection of Skin Cancer Device

OAL Innovations

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Website: <http://www.oalinnovations.com>

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# OAL Innovations

## Duma Optronics

## IScanOr



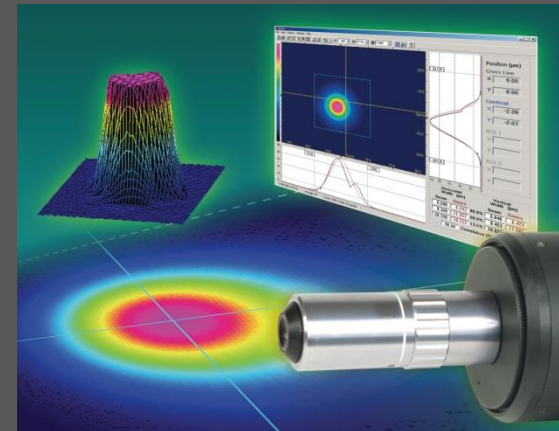
### High Power Beam Analysis



### Laser beam Positioning & electronic autocolimeter)

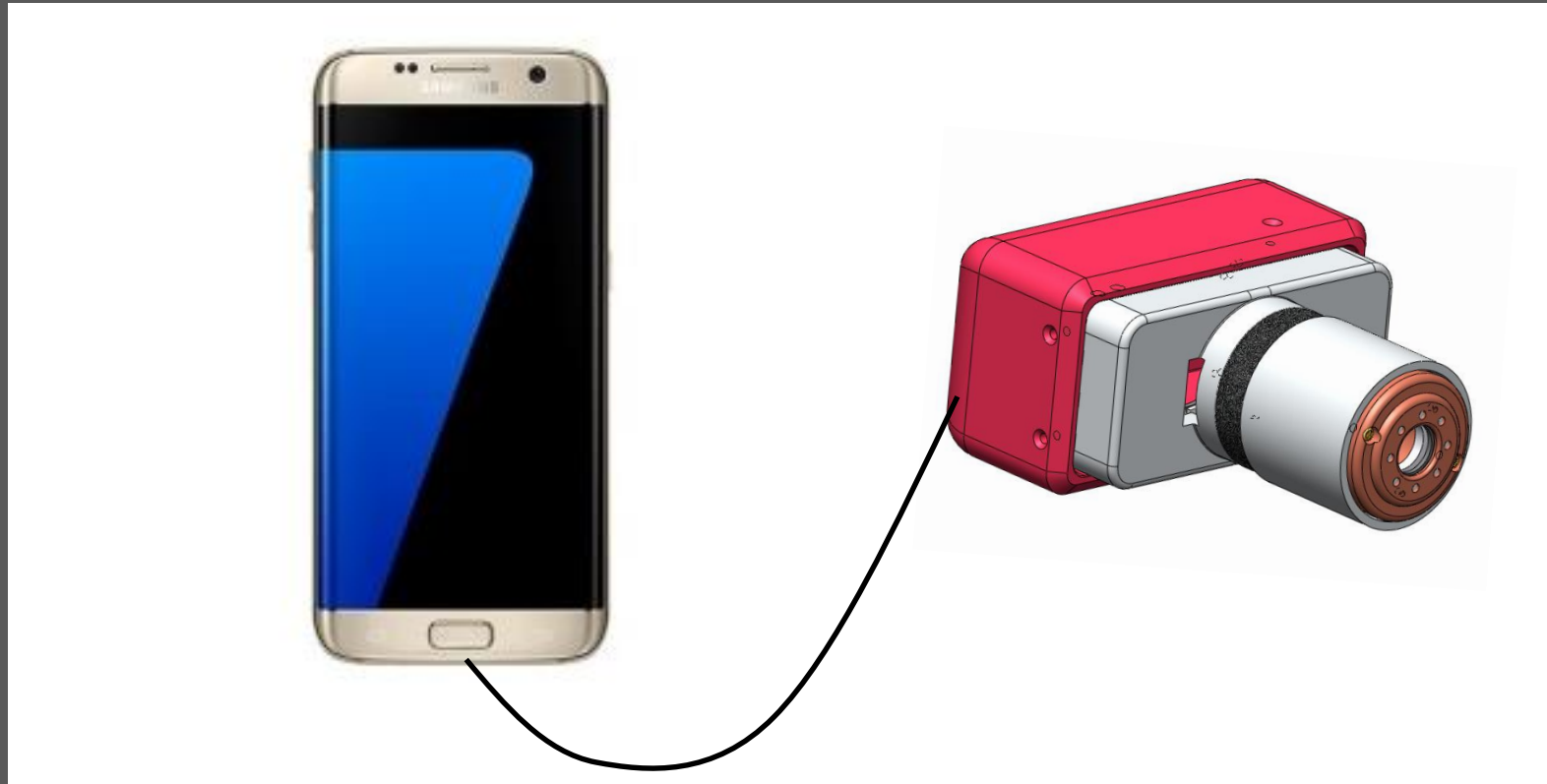


### Beam Analysis



# The Project - IScanOr

A photonic device for skin screening, serving as a decision support tool for community medical staff.

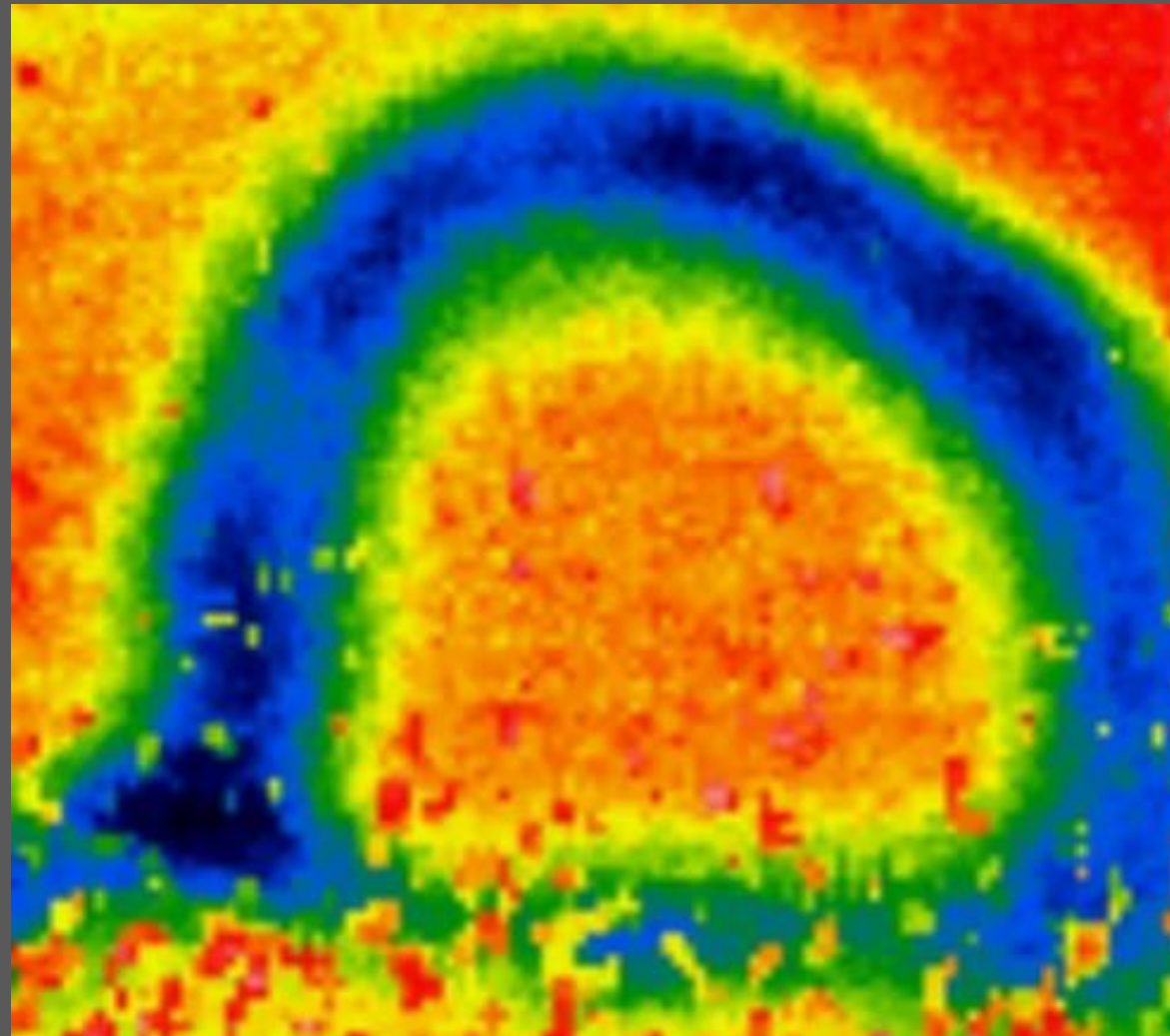


# Optical Properties



- Absorbance
- Scattering
- Light wave-front

# Temperature Gradient



# Technological Challenges

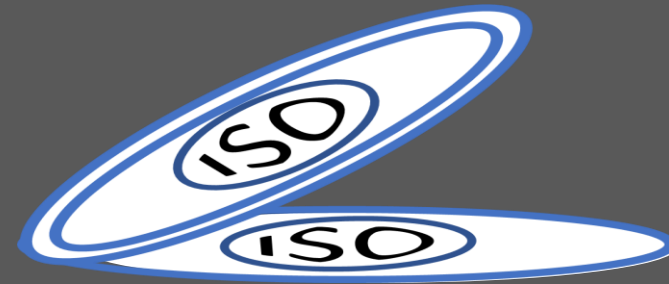
1. Quantifying the blood flow from the changes of the temperature gradient.
  2. Determine the Optical Properties of different skin cancer types
- Find strategic partner





# Thank you!

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