

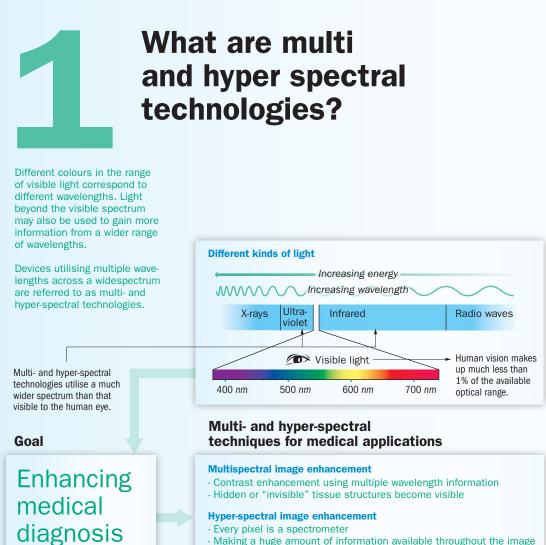
- Imaging with spatial resolution



# Shared Research Program

Enhancing medical diagnosis and therapy by applying multiand hyper-spectral technologies

and therapy.

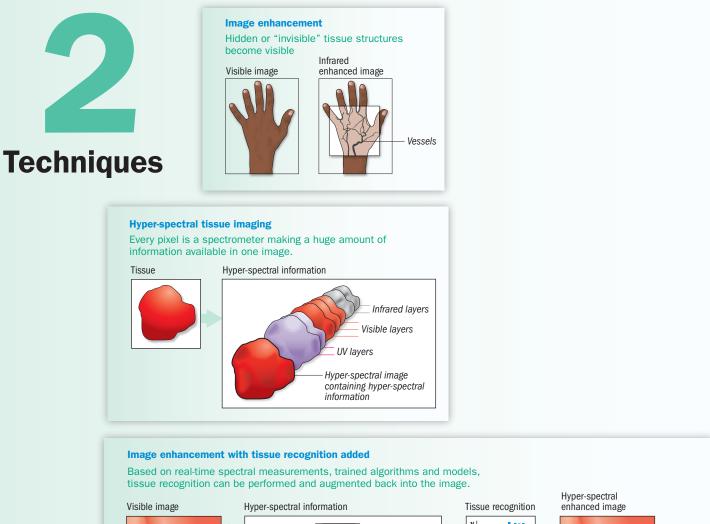


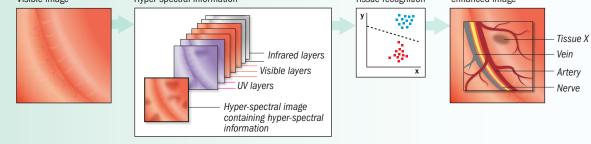
- Every pixel is a spectrometer
- Making a huge amount of information available throughout the image

## Image enhancement with tissue recognition added

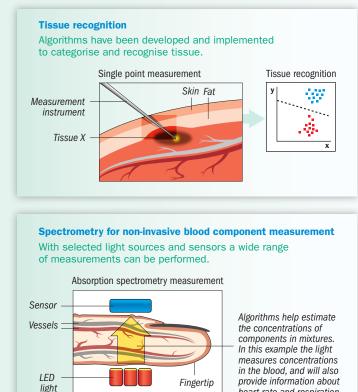
### **Tissue recognition**

- Single point measurement
- Imaging with spatial resolution





heart rate and respiration.

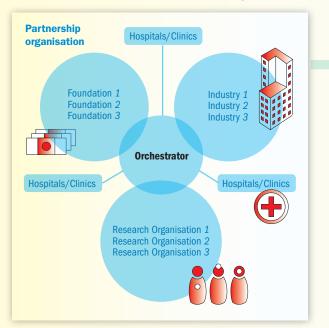




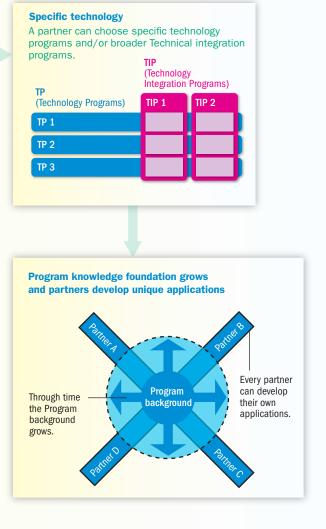
# Why teaming up?

- The benefits of parties in the program are: - Share risks
- Share facilities
- Share knowledge

- increase know how on: Pathology, Clinical treatments and procedures, Tissue behaviour and modelling, Surgical devices, Imaging hardware, Illumination technologies, Image processing software, Data management and transfer, System integration, etc.



# What does a Shared Research Program look like?



# The future of the shared research program

The program intends to accelerate innovation and development of spectral technologies. In time the program should expand to include more partners, more resources and offer even more results.

