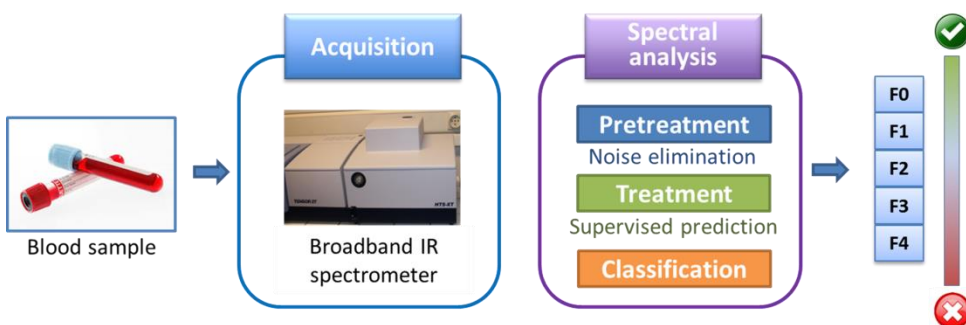


Detection and classification of liver fibrosis from serum by infrared spectroscopy

Technology

- Detection and classification of liver fibrosis from serum by Fourier Transform Infrared spectroscopy (FTIR)
- Detection method, gradation (F0-F4) and monitoring of liver fibrosis from serum.
- Allows the identification of patients with a risk of hepatocellular carcinoma.
- Infrared spectroscopy coupled with a specific statistical evaluation based on the content of the spectral information obtained from the serum sample.



Benefits

- Quick and easy to implement: in serum
- Non-invasive: no use of biopsy
- Repeatable: no intra or inter operator variability
- Analysis of all the spectral characteristics
- Allows:
 - The diagnosis
 - The staging
 - Theranostic monitoring

Applications

- The stadification in liver fibrosis

Keywords

- Diagnosis
- Liver fibrosis
- Non-invasive
- Liver diseases
- Infrared Spectroscopy

Intellectual Property

EP2480874

"Serum infrared spectroscopy for non invasive assessment of hepatic fibrosis in patients with chronic liver disease"

Development Status

- Method validated on more than 100 patients
- Effective technology at the laboratory level.
- technology has been benchmarked with existing methods
- Next step will be production of the device, on the base of the existing prototype, and obtention of the CE

Mark Partnership

We are looking for a licensee in capacity to develop the product, obtain the CE Mark and/or FDA agreement, market the product and assume the distribution worldwide.

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