

'Data mining is critical in current oncologic research. It is complex and it takes time. TexRAD is a user-friendly platform which makes our data analysis semi-automatic and thus easier and quicker than other manual approaches.'

Professor Andrea Laghi

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TexRAD user since: 2014

Texture analysis: rectal cancer, lung cancer, and gastrointestinal stromal tumour

Modalities: CT and MRI

Output data: Patient prognosis and response to therapy

Additional insights:

- A shift from morphologic to quantitative data analysis is what is required by modern research in diagnostic imaging. TexRAD deeply helps my research team in exploiting medical images in oncologic patients using a quantitative approach.
- Data mining is critical in current oncologic research. It is complex and it takes time. TexRAD is a user-friendly platform which makes our data analysis semi-automatic and thus easier and quicker than other manual approaches. Availability of dedicated tools for statistical analysis is another added value which facilitates our research.