TexRAD

Texture Analysis for Medical Research

Contact and disclaimers

TexRAD software is provided for research purposes only and does not claim compliance with any medical device regulation. End users must not rely upon any outputs from the software for any clinical purpose or to make any clinical decisions on patient prognosis or treatment.

The FBKmed team are always pleased to discuss your requirements and advise the best use of the software. For more information about using TexRAD please contact:

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FEEDBACKmedical
INNOVATION IN IMAGING

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FBKmed

TexRAD a powerful tool for research

Feedback Medical Ltd (FBKmed) offers TexRAD® for texture analysis of radiological images, an innovative tool for imaging research into cancer and other diseases. TexRAD is a proprietary software product which generates additional unique information to enhance the researcher's interpretation of medical images.

Enhances interpretation

TexRAD analysis of lesions generates key texture information relevant to diagnosis and prognosis of patient disease. The statistical data reveals more information within the regions of interest than is identifiable from the patient scan by standard subjective review of the images alone.

The key to TexRAD is its ability to provide **quantitative analysis** of lesions. The patented algorithm is a post-processing technique that quantifies the tumour texture derived from medical images to provide an objective measure of heterogeneity. Published TexRAD studies have qualified the use of TexRAD for identifying the potential link between this texture analysis and patient outcomes.

Flexible to meet your research targets

TexRAD can be used with the standard imaging modalities (CT, MR, PET/CT) to research all tumour types as well as non-oncological applications. By receiving images directly from your PACS, it integrates seamlessly with existing DICOM systems to ensure efficient data gathering, assessment and sharing. It offers:

Ease of use: The product is designed to "plug-in" to your existing systems with minimal reconfiguration. It provides its own web server to allow analysis and review of results throughout your organisation.

Maximum use of current data: The in-depth analysis is totally non-invasive technique and no further or expensive repeat patient scans are required.

Access your historic data: The ability to review historic data from CT, MRI and PET/CT images stored on PACS or research archives via data-mining. This enables correlation between current patient information and analysis of the historic data to demonstrate potential linkage of results to outcomes.

Confidence in use

Published use of TexRAD in medical imaging research programmes dates back to 2007. This research has generated a publication base of over 100 peer reviewed articles and conference presentations* providing confidence in the efficacy of TexRAD
(*indicative publication list available on request)

TexRAD is installed in over 40 prominent university hospital and imaging centres around the world, benefiting their research programmes through increased high quality publications and grant funding.

Quality is assured by production and manufacture within FBKmed's ISO 13485 Quality Management System to ensure consistency, and give confidence when using, sharing and publishing data.

TexRAD is backed up by a specialist FBKmed technical support team and TexRAD scientific and clinical-application experts to ensure that you get the best use of the software and interpretation of your outputs.

Increasing your potential

TexRAD has been used to research improvements into diagnosis, prognosis and treatment plans by linking patient scans to outcomes and clinical data. Additionally, TexRAD has been used to model potential cost savings, altered treatment pathways and their effectiveness as well as surveillance regimes.

TexRAD has been shown to generate robust data to support high quality papers and conference presentations.