

Clinical value of quantitative imaging in patients with gastrointestinal liver metastases

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Clinical value of quantitative imaging in patients with gastrointestinal liver metastases

1. Both pre- and post-ablation radiomics of liver metastases and the ablation zone provide information on the risk of local tumour progression – *this thesis*
2. In patients with colorectal liver metastases, whole liver radiomics to predict local tumour progression or new liver metastases should not be performed – *this thesis*
3. The value of response evaluation with radiomics in neuroendocrine liver metastases is debatable – *this thesis*
4. Extrapolation of promising radiomics models is not as easy as it seems – *this thesis*
5. Not all promising radiomics models for gastrointestinal liver metastases can be used in other populations with the same tumour type. Therefore, thorough validation to test the performance in other cohorts is essential – *this thesis*
6. The results of this thesis underline the urgency of collaboration between researchers to achieve larger and more homogeneous datasets, to be able to develop and validate robust radiomics models that are applicable in the general clinical population
7. Essentially, the significance of radiomics is to dig deeper for information on traditional medical imaging to make up for the shortcomings of the human eye – *Hu et al. 2020*
8. Prospective multicentre studies are essential to step forward from radiomics research into using radiomics as a prediction tool in clinical practice
9. Ultimately, radiomics and AI should support treating physicians in tailoring the treatment plan to the individual patient, rather than be used as a standalone tool
10. De eerste eigenschap van stijl is helderheid – *Aristoteles*
11. Less is more – *Robert Browning*
12. Music, at its essence, is what gives us memories – *Stevie Wonder*