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**Manuscript NO:** 49800

**Manuscript Type:** REVIEW

**Colorectal cancer: parametric evaluation of morphological, functional and molecular tomographic imaging**

Mainenti PP *et al.* Parametric imaging of colorectal cancer

Pier Paolo Mainenti, Arnaldo Stanzione, Salvatore Guarino, Valeria Romeo, Lorenzo Ugga, Federica Romano, Giovanni Storto, Simone Maurea, Arturo Brunetti

### Abstract

Colorectal cancer (CRC) represents one of the leading causes of tumor-related deaths worldwide. Among the various tools at physicians' disposal for the diagnostic management of the disease, tomographic imaging (*e.g.*, CT, MRI, and hybrid PET imaging) is considered essential. The qualitative and subjective evaluation of tomographic images is the main approach used to obtain valuable clinical

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