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Pancreatic imaging: Current status of clinical practices and small animal studies

Ting Yin, Yewei Liu, Ronald Peeters, Yuanbo Feng, Yicheng Ni

**Abstract**

Different <sup>1</sup>causative factors acting on the pancreas can result in diseases such as pancreatitis, diabetes and pancreatic tumors. The high incidence and mortality of pancreatic diseases have placed diagnostic imaging in a crucial position in daily clinical practice. In this mini-review article different pancreatic imaging techniques are discussed, from the standard clinical imaging modalities and state of the art clinical magnetic resonance imaging (MRI) techniques to current situations in pre-clinical pancreatic imaging studies. In particular, the challenges of pre-clinical rodent pancreatic imaging are addressed, with both the image acquisition techniques and the post-processing methods for rodent pancreatic imaging elaborated.

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### Anatomical, Physiological, and Molecular Imaging for Pancreatic Cancer

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