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◀ Abstract Introduction Ai and Interventional Radiol... Future Persp ▶

The term "artificial intelligence" (AI) includes computational algorithms that can perform tasks considered typical of human intelligence, with partial to complete autonomy, to produce new beneficial outputs from specific inputs. The development of AI is largely based on the introduction of artificial neural networks (ANN) that allowed the introduction of the concepts of "computational learning models," machine learning (ML) and deep learning (DL). AI applications appear promising for radiology scenarios potentially impro...

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Author: Myrte Gorris, Sanne A. Hoogenboom, ... Publish Year: 2021

Name of Journal: *Artificial Intelligence in Gastroenterology*

Manuscript NO: 63358

Manuscript Type: REVIEW

Artificial intelligence in gastrointestinal radiology: A review with special focus on recent development of magnetic resonance and computed tomography

Chang KP *et al.* AI in gastrointestinal radiology

Kai-Po Chang, Shih-Huan Lin, Yen-Wei Chu

Abstract

Artificial intelligence (AI), particularly the deep learning technology, have been proven influential to radiology in the recent decade. Its ability in image classification, segmentation, detection and reconstruction tasks have substantially assisted diagnostic

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