Artificial Intelligence in Gastrointestinal Endoscopy: Disrupting Landscape in GI Practice

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Message from the Guest Editors

Gastrointestinal endoscopy (GI) plays a crucial role in several areas of digestive pathology, being an invaluable diagnostic and therapeutic tool. Therefore, there is growing interest in the use of AI in GI endoscopy. Several studies have demonstrated the enormous potential of using convolutional neural networks in various areas of GI endoscopy. The exponential development of the usefulness of AI in GI endoscopy requires consideration of its medium- and long-term impacts on clinical practice. Indeed, the advent of deep learning in the field of GI endoscopy, with its evolutionary character, could lead to a paradigm shift in clinical activity in this setting. In this Special Issue, we aim to showcase the state of the art of AI in the field of GI endoscopy, with examples of cutting-edge research being carried out in this particular field.

Given the high importance of AI in gastrointestinal endoscopy and research, the journal Medicina is launching this Special Issue.

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Special Issue

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Message from the Editor-in-Chief

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