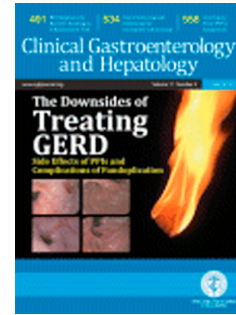


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“Three-Dimensional Printing in the Intestine”

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Short Title “3D Printing in the Intestine”

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Abbreviations:

3D: three-dimensional

BMSC: bone marrow stromal cells

CAD: computer-aided design

CT: computed tomography

ECM: extracellular matrix

GI: gastrointestinal

VIC: aortic valve leaflet interstitial cell

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Abstract

Intestinal transplantation remains a life-saving option for patients with severe intestinal failure. With the advent of advanced tissue engineering techniques, great strides have been made toward manufacturing replacement tissues and organs, including the intestine, aiming to avoid transplant-related complications.

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