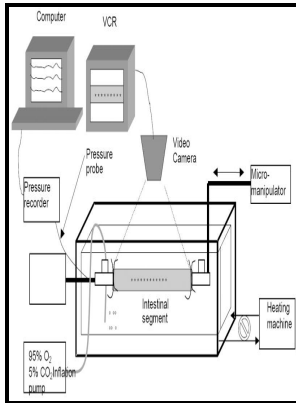


Biomechanics of the gastrointestinal tract - new perspectives in motility research and diagnostics

Springer - Biomechanics Of The Gastrointestinal Tract PDF Book



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Notes: Includes bibliographical references and index.

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Biomechanics of the Gastrointestinal Tract : New Perspectives in Motility Research and Diagnostics (eBook, 2003)
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The results indicate that by eliminating edge effects, the COF between a stainless steel sled and the inner surface of the small bowel lumen is decreased.

Biomechanics of the Gastrointestinal Tract

Tribol Lett 51, 377—383 2013.

BIOMECHANICS OF THE GASTROINTESTINAL TRACT

A well-illustrated book, it provides a comprehensive overview to relevant tissue geometry, morphology and biomechanical theory. Several methods and diagnostic applications such as determination of in vivo length-tension diagrams and multimodal pain testing are completely new but will undoubtedly be used by many in the future. Several methods and diagnostic applications such as determination of in vivo length-tension diagrams and multimodal pain testing are completely new but will undoubtedly be used by many in the future.

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In: Proceedings of the 2nd International Conference on Tribology.

Preliminary Friction Force Measurements on Small Bowel Lumen When Eliminating Sled Edge Effects

Biomechanics of the gastrointestinal tract provides a summary of gut anatomy physiology and pathophysiology pertinent to gut motility with a comprehensive discussion of the current techniques undertaken in both research and clinical investigations the basic principles of mechanics

describing stress and strain within biological tubes is presented with reference to commonly used physical principles described by Laplace, Hooke, and Young as one of the main functions of the gut is to move. In: Proceedings of the 2005 IEEE International Conference on Robotics and Automation. New non-invasive imaging techniques based on ultrasound, MR- and CT- scanning in combination with balloon distension are emerging as the techniques for future in vivo studies.

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