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16.1 INTRODUCTION This chapter is intended to be of an introductory nature to the vast field of biofluid mechanics. Here, we shall consider the ideas and principles

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of the preceding chapters in the context of fluid motion in biological systems. Topical emphasis is placed on fluid motion

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Biofluid Mechanics 2. Fluid mechanics •
Mechanics is "... the application of the laws of force and motion. • fluid

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mechanics is the application of the laws of force and motion to fluids • There are two branches of fluid mechanics: 1. Fluid Statics or hydrostatics is the study of fluids at rest.

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mathematical and physical principles of fluids to solve complex and multifaceted problems, primarily in biology and medicine, but also in aerospace and robotics gain hands-on experience of industrial software on real biofluid mechanics problems benefit from an innovative teaching and learning

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