



THE UNIVERSITY OF
TOLEDO
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seeks partner to license

Disposable Compartment Pressure Monitor

Compartment syndrome is an acute medical problem following injury or surgery in which increased pressure within a fascial compartment in the body impairs blood supply, leading to nerve damage and muscle death without prompt treatment. Diagnosis of compartment syndrome is not always easy to determine, especially in acute trauma settings, a busy emergency department, or in children. The risk for missing diagnosis can result in an unusable limb, contracture, chronic disabling pain, or even amputation. The intra-compartmental pressure monitor system being used currently often has limited or poor availability. Therefore, a new disposable pressure monitoring device to aid in diagnosis has been developed that is easily stored and transported in a physician's lab coat pocket for instant usage. The device is a readily available gauge that will allow for a cheap, easy, quick, and accurate determination of intra-compartmental pressure to assess for the presence of acute compartment syndrome.

The University of Toledo is seeking a company interested in licensing this new disposable compartment pressure monitoring device to aid in diagnosis of compartment syndrome.

Applications:

Trauma
Orthopedics
General surgery

Advantages:

Portable
Instant availability
Easy to read/measure

This invention is patent pending

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