

Operating Room Cord Organizer

This technology is an automatic cord organizer and retractor that maintains sterility for multiple surgical operations. The device is self-contained and organized within a moveable cart to save physicians time and increase the quality of care with quick access to critical machines.

What is the Problem?

Many surgical operations require multiple surgical devices (e.g., endoscopes, microdebriders, sonopets, coblators) attached to one or more surgical instruments or consoles via cables (e.g., power cables, fiber-optic cables, electrical cables, cords, tubes, hoses, conduits, wires). During an operation, surgical devices can be arranged near one another such that they are readily accessible to a doctor. As a result, however, cables attached to the devices can become tangled such that the use of one device may inadvertently cause one or more other unsecured devices to move, potentially falling onto the floor. The entanglement of cables can also inhibit quick access to such devices, which is often necessary during many surgical procedures. Accordingly, there exists a need for a system to organize surgical instruments and/or cables in a medical environment.

What is the Solution?

The solution is an automatic cord organizer and retractor device that maintains sterility as it is self-contained. These are organized within a moveable cart, which maintains organization, and allows for the devices to be moved to their desired location without the risk of entanglement or devices falling to the floor.

What Differentiates it from Solutions Available Today?

There is no solution for this today, instead medical staff have to untangle the cords themselves. This could save physicians time and increase the quality of care, as quick access to critical machines is enabled, and machines will not be knocked to the floor, which results from cord entanglement.

Patent Information:

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Category

Device/Other
Selection of Available
Technologies

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