Hemovent GmbH is a medical technology company that is developing a portable ECMO (Extra Corporeal Membrane Oxygenation) unit, the world’s smallest and first self-contained fully portable system designed for both Heart and Lung (ECMO) support. It is the goal of the company to develop an innovative solution, with precision and craftsmanship that will aid patients with lung and heart function while allowing them to be mobile.

Hemovent’s ECMO device is extremely robust, operates like a natural heart, weighs only about 1kg and needs neither battery nor software. For the first time ECMO can be deployed easily, fully mobile and cost-effective for a fast-growing patient population.

Also with the rising numbers of ECMO applications, cost-effectiveness plays an important role for healthcare economics. Hemovent’s ECMO system is designed to eliminate capital equipment and reduce costs significantly.