



May 4, 2010

**Medical Compression System (MCS) continues accelerated penetration in the US: two additional medical centers using the company's product since April**

**Approximately 2,800 relevant medical procedures are performed annually at these medical centers, and MCS expects its penetration rate to reach about 25% in the first year**

Medical Compression System (MCS), engaged in the field of non-invasive medical devices and traded on the Tel Aviv Stock Exchange, announced today (Wednesday, May 5, 2010), that in April two more medical centers in the USA had selected ActiveCare+S.F.T.<sup>®</sup>, the system it developed to prevent deep vein thrombosis (DVT) following orthopedic surgery. The medical centers are located in Arkansas and Indiana.

Approximately 2,800 relevant medical procedures are performed annually at these medical centers, and MCS expects its penetration rate to reach about 25% (700 procedures).

**According to Adi Dagan, CEO of Medical Compression System,** "As we expected, our penetration of medical centers in the US is gaining momentum. We believe that the current trend is for physicians to prefer the ActiveCare+SFT<sup>®</sup> device over medications. Interest in our solution is growing, and we believe that we will enter additional medical centers in the coming months."

Note that the medical centers did not commit to perform a minimal number of procedures with the company's product.



### **About MCS**

MCS is engaged in the field of non-invasive medical devices and has developed a device to prevent deep vein thrombosis (DVT) as a result of trauma or surgical intervention. The company has FDA approval for the sales and marketing of its products in the United States and CE approval for sales and marketing of its products in Europe.

### **Forward-Looking Statements**

The Company's estimates in this publication, including with respect to the volume of its activity, constitute forward-looking information as defined in the Securities Law, 5728 – 1968 and it is not at all certain that said statements will materialize. The Company's estimates are based on business assumptions, past experience and professional information. These estimates may not materialize, in whole or in part, or differ materially from what the Company expects, for various reasons, including a change in market trends, competition, global or local economic situation and regulatory changes.