“STOP THE BLEED”
TOURNIQUET
HIGHLY EFFECTIVE TOURNIQUET FOR CIVILIAN AND MILITARY USE

UNMET NEED
Uncontrolled hemorrhage from a severe arm or leg wound can result in death within minutes often before an ambulance can arrive. Despite the proven life-saving power of tourniquets, current models can be difficult to use and application can be quite painful.

SOLUTION
Following major incidents like the 2013 Boston Marathon bombing, the White House launched the “Stop the Bleed” campaign, an initiative to provide civilian bystanders with the ability to stop life-threatening bleeding. In response, MCIRCC members from the Departments of Emergency Medicine and Mechanical Engineering collaborated to create a tourniquet that is far more user-friendly, less painful of an application to patients, and widely available to the general public for purchase.

COMPETITIVE ADVANTAGE
MCIRCC has re-imagined a tourniquet uniquely designed for civilians and civilian emergency care providers as the primary users. Special features include a unique tightening mechanism that allows for a wider tourniquet band as well as the ability to apply greater pressures using less force resulting in less discomfort. Like tourniquets designed for the military, it can also be applied using one hand, making it ideal for use by wounded victims.