EXIT
doctors of engineering
Prostheses such as artificial hands, arms, and legs are great achievements of mechanical engineering, being largely assemblages of links, rods, springs, screws, bridges, and more—machine components, about which engineers know a great deal. In biomechanical applications, the parts are brought together to replicate human movements and grasping and thereby to improve the quality of life of patients who have suffered the loss of natural limbs and functions. Engineers have worked closely with medical doctors also in developing artificial hearts, pacemakers, stents, synthetic tissues, drug delivery systems, imaging machines, surgical instruments, and countless other medical devices.