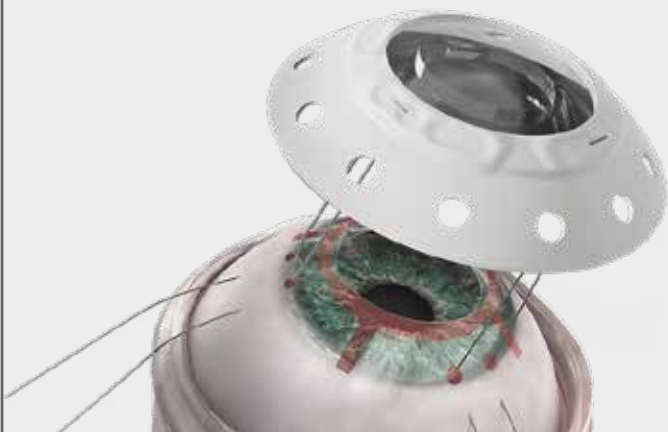


A synthetic cornea that heals blindness by attaching a biometric lens on and around the eye that is connected to the patient's natural eye muscle tissue. Sight recovery occurs almost immediately after surgery.

Former American Israeli IDF medic, Bernard Bar-Natan, created a bandage used to stop excessive bleeding in traumatic injuries on the battlefield and by emergency medical technicians (EMTs). It is made from an elasticized bandage (similar to an ACE bandage) that is tightened with a twistable clip to put pressure on the wound and stop the bleeding.

CORNEAT KPRO



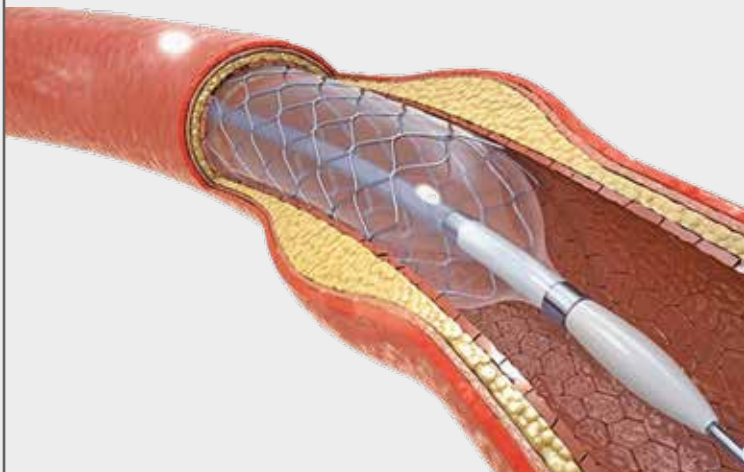
THE ISRAELI BANDAGE



Medinol invented a tube-shaped stent that is inserted into the arteries around the heart to prevent and treat heart disease and blockages, to eliminate the need for open heart surgery.

Jonas Salk, a Jewish doctor from New York, developed the first safe and efficient vaccine for a virus that causes paralysis of all muscles and lungs. The vaccine is given at six weeks and again at seven years old.

FLEXIBLE STENT



POLIO VACCINE



A system for doctors to conduct remote physical exams of lungs, ears, throat, heart, and skin through a specialized camera that is attached to the patient's computer.

Israeli inventor and researcher Nir Peled, with researchers from America and Britain, used nanochip technology to create a device that "smells" the breath breathed into it, to diagnose early stages of lung cancer and more than 18 other diseases.

TYTO CARE



NANOSE BREATHALYZER



OrCam Technologies created a small camera (usually attached to glasses) to help visually impaired people read books and signs, recognize faces, and identify products by telling the camera wearer what it identifies. The camera can be activated by voice command, hand gestures, or a touch bar.

American Jewish cardiologist Paul Zoll realized that when specific spots of the heart are touched, the heartbeat restarts. He subsequently developed technology that sent electronic pulses to the heart to maintain a regular heartbeat or to restart it.

MYEYE



PACEMAKERS AND DEFIBRILLATORS



Theranica invented a nonmedical and noninvasive way to treat migraines by wearing a band on your arm that sends electric pulses to stimulate nerves in the upper arm, which contributes to the natural pain relief process in the brain. The person puts on the armband when the migraine begins and controls the electric pulses through an app on their phone.

A bionic walking assistance system, powered by a battery worn in a backpack, that people with spinal cord injuries wear on their legs to enable them to stand upright, walk, and climb stairs. The system is controlled by a watch-like remote that detects the user's movements.

NERIVIO



REWALK EXOSKELETON



Covidien created a swallowable medical camera that gives doctors high-definition pictures of the large and small intestines and the stomach in order to diagnose infections, disorders, and cancers.

WaisMed created a pocket-sized spring injector that injects medications into the bone marrow. In emergencies, medication can be injected into the bone marrow for quicker absorption, more precise treatment, and quicker healing.

PILL CAM



BONE INJECTION GUN



Small bikes and motorcycles equipped with lifesaving medical equipment that can maneuver through traffic and narrow streets and arrive at an emergency within one minute of receiving a call and provide treatment until the ambulance arrives.

Nuvo Group created a belt worn around a pregnant woman's belly that constantly monitors her and the fetus' heartbeats. It sends real-time information on fetal stress to her healthcare provider and thus enables a safer gestational period and birth.

HATZALAH AMBUCYCLE



INVU REMOTE PREGNANCY MONITOR

