

Clinical engineering: Experiences and practices

Ela Vidović
Medtronic, Zagreb, Croatia
ela.vidovic@medtronic.com

Abstract

Implantable cardiac devices treat irregular heart rhythms by sending electrical pulses to the heart to correct it. But, even though the device has built in programs, out of which many are functioning automatically, it still needs to be programmed peri and post operationally, and followed-up regularly, as the final programming depends also on patient's clinical background. This is where clinical engineers play a big role. This is one of the rare jobs where, on daily basis, you get to say you had an opportunity to help save another person's life.

Keywords: clinical engineering; implantable cardiac devices; women in engineering.