



Prva implantacija kardioverter-defibrilatora u Općoj bolnici Pula

First implantation of cardioverter-defibrillator in the Pula General Hospital

Nediljko Jukić, Krešimir Milas*, Branimir Jurišić

*Opća bolnica Pula, Pula, Hrvatska
Pula General Hospital, Pula, Croatia*

Dana 4. srpnja 2011. godine u Općoj bolnici Pula uspješno je izvedena prva implantacija kardioverter defibrilatora (ICD). Zahvat su izveli dr. Krešimir Milas i dr. Branimir Jurišić pod supervizijom dr. Sandra Brusicha iz Kliničkog bolničkog centra Rijeka i ing. dr. sc. Danka Tomašića. Implantiran je jednokomorni ICD uređaj kod bolesnika s dilatacijskom kardiomiopatijom, koji je u tri navrata defibriliran zbog nastupa ventrikulske fibrilacije (VF), a u cilju sekundarne prevencije. Nakon samog postupka programiranom stimulacijom izazvana je VF koju je uređaj prepoznao i elektrošokom uspješno prekinuo.

Nastavak je to planske edukacije i rada na polju ritmologije i elektrostimulacije. Edukacija je počela unatrag nekoliko godina, kako kod nas (KBC Rijeka, KB Sveti Duh Zagreb) tako i u inozemstvu (Tolochenaz, NUSCH — Bratislava). Krajem 2010. godine implantiran je prvi jednokomorni elektrostimulator, također u suradnji s timom liječnika iz KBC Rijeka (dr Stanić, Dr Brusich). Kasnije smo implantacije obavljali samostalno. Početkom sljedeće godine nastavilo bi se sa ugradnjom dvokomornih elektrostimulatore, a kasnije, nadamo se, i sofisticiranijih uređaja za resinkronizacijsku terapiju.

Kako se nalazimo u turističkoj regiji, vrlo često zaprimamo u bolnicu strane i domaće turiste te smo im sada napokon u mogućnosti pružiti medicinsku skrb i u području kontrole elektrostimulatore.

Za sada još uvijek nemamo vlastiti invazivni laboratorij nego implantacije obnavljamo u popodnevnim satima u operacijskim salama Djelatnosti za kirurgiju. U planu je nabava novog, modernog laboratorija gdje bi se jednog dana osim implantacija obavljale i koronarografije.



On July 4th 2011, the first implantation of cardioverter-defibrillator was successfully performed in the Pula General Hospital. Dr Krešimir Milas and Dr Branimir Jurišić under supervision of Dr Sandro Brusich from the University Hospital Center Rijeka and Danko Tomašić, ME, PhD performed the operation. Single-chamber ICD device was implanted in patients with dilative cardiomyopathy, which was for three times defibrillated due to occurrence of ventricular fibrillation (VF), for the purpose of secondary prevention. Following the procedure, VF was induced by programmed stimulation recognized by the device and was successfully interrupted by electroshock.

This is the continuation of planned training in the field of rhythmology and electrostimulation. The training started a few years ago not only in our country (University Hospital Center Rijeka, Sveti Duh Clinical Hospital Zagreb), but also abroad (Tolochenaz, NUSCH - Bratislava). By the end of 2010, the first single-chamber electrostimulator was implanted in cooperation with the team of physicians from the University Hospital Center Rijeka (Dr. Stanić, Dr. Brusich). Later, we performed implantations independently. At the beginning of the next year, we would continue with the implantation of dual-chamber electrostimulators and later, we are about to, hopefully, apply more sophisticated devices for resynchronization therapy.

Since we are located in the tourist region, we usually admit foreign and local patients to the hospital and now we are finally in position to provide medical care in the area of electrostimulator control.

At the moment we still do not have our own invasive laboratory, but we perform implantations in the afternoon hours in the operating rooms at Department of Surgery. We are planning to acquire a new, modern laboratory where we would in addition to implantations perform coronarographies one day.

Received: 8th Sep 2011

*Address for correspondence: Opća bolnica Pula, Zagrebačka 30, HR-52100 Pula, Croatia.

Phone: +385-52-376-242

E-mail: kresimir.milas1@pu.t-com.hr