

Milestones in the development of the implantable cardioverter defibrillator (ICD)

Hitos en el desarrollo del desfibrilador cardioversor implantable (DCI)

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1961	Description of a resuscitation device (Bouvrain and Zacouto) Bouvrain Y, Zacouto F (1961). L'entraînement electrosystolique du Coeur. Utilisation medicale. Presse Med. 69:525-8.
1966	Conception
1969	First experimental model
1969	First transvenous defibrillation
1975	First animal implant
1980	First human implant: Michel Mirowski
1982	Addition of cardioverting capability
1985	FDA approval
1988	First programmable defibrillator (Ventac P)
1989	First multiprogrammable defibrillator
1993	Pectoral implantation (Jewel) inactive
1994	Pectoral implantation ("Active can")
1995	First dual chamber defibrillator (Defender)
1996	First implant of a stand-alone atrial defibrillator
1997	First implant of a combined atrial-ventricular defibrillator system
1999	First implant of heart failure defibrillator