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1: Pacing Clin Electrophysiol. 1988 Oct; 11(10):1386-7.

Links

The effect of metal detector gates on implanted permanent pacemakers.

Copperman Y, Zarfati D, Laniado S.

Department of Cardiology, Tel-Aviv Medical Center, Ichilov Hospital, Israel.

The effect of metal detector security gates, such as are used in airports, was tested in 103 nonselected pacemaker patients. Various types of single and dual chamber units were examined, using telemetry during the test. Pulse rate and duration were measured immediately before and after the procedure. No ill effect was seen on any of the units tested, pacemaker inhibition was not observed, and programmability was not affected. Metal detector security gates have no effect on implanted permanent pacemakers.

PMID: 2462212 [PubMed - indexed for MEDLINE]

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Interactions between pacemakers and security systems. [Pacing Clin Electrophysiol. 1998]

A randomized study on the effects of pacemaker programming to a lower output on projected pulse generator longevity. [Pacing Clin Electrophysiol. 2001]

Effects of extracorporeal shock wave lithotripsy on cardiac pacemakers and its safety in patients with implanted cardiac pacemakers. [Pacing Clin Electrophysiol. 1988]

Interference of cellular phones with implanted permanent pacemakers. [Clin Cardiol. 1996]

Safety and efficiency of pulse charge multiplication for chronic ventricular pacing. [Pacing Clin Electrophysiol. 2001]

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