

KaVo Dental GmbH

Bismarckring 39
 88400 Biberach, Germany
 www.kavo.com

Treating patients with pacemakers

Dear Sir/Madam:

In this letter we would like to provide you with product information in response to your enquiry about treating patients with pacemakers.

The medical threshold regarding the influence of magnetic fields on pacemakers is normatively a max. of 1mT (Section 27.6 EN 45502-2-1/2). The execution of internal tests showed that in complying with the following minimum distances, the value of 1mT was not exceeded and as a result, the failure of an intact pacemaker can be ruled out.

Components	Minimum distance to the pacemaker	Additional information
Magnetic plate Comfort headrest	10 mm	The thickness of the headrest pad means that the minimum safe distance is already observed.
Instrument tray magnets (TM table)	50 mm	
Electrical instruments (KL motors, COMFORTdrive, DIAGNOcam, Piezo, etc.)	15 mm	The distance between mouth and chest is much larger.

The tests confirm the usability from the perspective of the KaVo treatment system, but do not rule out the possibility of patients with pacemakers or defibrillators (ICDs) experiencing other disturbances that are not directly related to the treatment unit. Because of this, continuous monitoring of the patient's condition is recommended throughout the treatment.

If you require further information, please do not hesitate to contact your sales partner.

Sincerely,

KaVo Dental GmbH
Product Management Facilities and Instruments
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