

Medtronic

Travelers on insulin pump therapy should always remove their insulin pump, sensor, transmitter, and meter before entering a room that has x-ray, magnetic resonance imaging (MRI), diathermy, or CT scan equipment. This includes x-ray machines at airports that scan carry-on or checked luggage, in addition to full-body scanners. The magnetic fields and radiation in the immediate vicinity of this equipment could make their devices malfunction or damage the part of the pump that regulates insulin delivery, which could cause serious health risks including hyperglycemia or hypoglycemia.

Our insulin pumps, sensors, transmitters and meters can withstand exposure to airport metal detectors used at security checkpoints. For these checkpoints we advise that patients let airport security personnel know that they are wearing a physician-prescribed medical device and request an alternative screening process that does not use an x-ray or full-body scanner.

If a Medtronic insulin pump is exposed to a strong magnetic field, such as an MRI, discontinue use immediately and contact our 24 Hour Helpline for further assistance. In these instances our pumps have a sophisticated safety network built-in that is designed to detect anything unusual and alert the patient if there is an issue.



Roche Diabetes Care insulin pumps are designed to withstand common electromagnetic interferences including some airport security systems or common anti-theft monitoring devices such as in department stores which should not affect the functioning of the insulin pump. However, there are sources of interference such as X-ray, computer tomography, CAT scan and MRI which may cause an insulin pump to stop delivering insulin and displaying an error message. To minimize the risk from a potential electromagnetic interference and ensure a seamless operation of the insulin pump, our manuals for the Accu-Chek Combo and Accu-Chek Insight systems contain dedicated warnings and instructions. As patient safety is a key priority for Roche Diabetes Care, we are regularly evaluating our products according to current standards, test them against latest technologies and update our labelling according to the respective test results.