

Interfering Substances in CGM Systems

CGM Category	rtCGM			is-CGM
	Dexcom G6	Medtronic Enlite 2 and Guardian 3	Senseonics Eversense	Abbott Freestyle Flash Libre 1 and 2
Chemical substances Interferences	Hydroxyurea Repeated doses of acetaminophen (>4 gm/day)	Acetaminophen Ethanol/Wine Albuterol Lisinopril Atenolol Atorvastatin Ascorbic Acid	Tetracycline Mannitol	Ascorbic Acid (1-3g daily) Salicylic Acid (>650 mg daily)
Interferences from Radiological Studies	No impact from XRay, CT or angiography among hospitalized patients There is some migration from MRI	Medtronic recommends that users remove the sensor in the presence of X-ray, CT, MRI PET, Airport scanners	Close contact with direct Electromagnetic interference (EMI) may interfere with the smart transmitter's ability to send data to the mobile device	Limited evidence of in-vitro exposure to Xray and RT, CT or MRI did not impact the data recorded by Libre Pro in 10 sensors