

# iPhone 12 May Affect Pacemakers and Defibrillators

Apple iPhone 12 models and MagSafe Accessories may cause interference with some medical devices including pacemakers and defibrillators when not kept at a safe distance. Apple MagSafe accessories are wireless magnetic charging systems, including wireless chargers that attach magnetically to iPhone devices, cases with built-in components, wallets with built-in components, and leather sleeves with built-in components.

## Safety Concern:

Apple iPhone 12 models include magnets and can be used with MagSafe accessories that also contain magnets and components that emit electromagnetic fields.

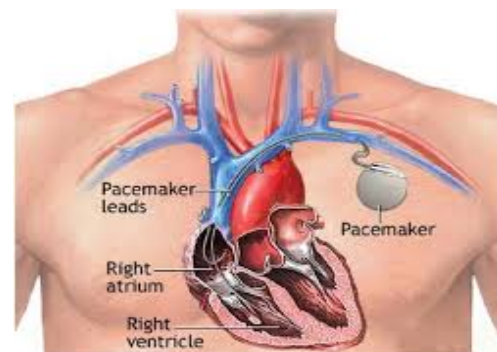
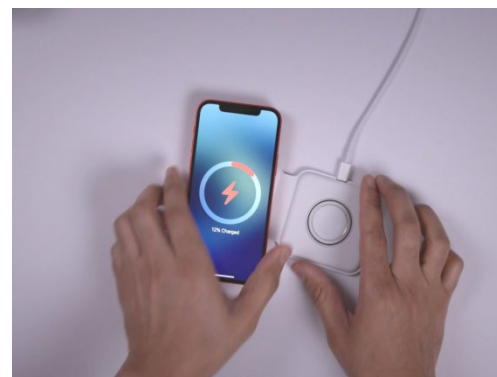
The static magnetic and electromagnetic fields associated with the MagSafe accessories may cause interference in pacemakers and defibrillators and other medical devices when in close proximity, particularly in implanted medical devices.

- Electromagnetic interferences can interrupt operation of such devices.
- The malfunction could cause patient harm, including death, or hinder care delivery

## Maintain a distance between your iPhone 12 MagSafe Accessories and your Pacemaker or Defibrillator

### Things to do:

- Contact your medical device manufacturer for information specific to your medical device and MagSafe Accessories
- Follow the recommendations of your implanted electronic device and do not place your iPhone 12 models and MagSafe accessories in a pocket close to your implanted electronic medical device
- Maintain **a distance** of at least 15 cm/6 inches between iPhone 12 models and MagSafe accessories and medical devices such as implanted pacemakers and defibrillators that might contain sensors that respond to magnets and radios when in close contact
- When wirelessly charging iPhone 12 models with MagSafe accessories, keep the distance at least 30 cm/12 inches from your medical devices



**Please remember Apple iPhone 12 and MagSafe Accessories components may cause interference with some medical devices including pacemakers and defibrillators when not kept at a safe distance.**