

CRMs

IN MEDICAL DEVICES



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Critical Raw Materials have unique properties and are non-substitutable in the specialized manufacturing and use of medical devices where their unmatched combination of properties guarantees reliability and high-performance.

Gallium



BIOMETRY

vital sign monitoring :
oxygen in blood
heart-rate monitoring



MEDICAL TECHNOLOGY

dentistry, surgical,
ophthalmology

Beryllium



X-RAYS

Transparency to X-rays makes pure Beryllium metal essential in high-resolution imaging technology
CT Scan X-Ray tube • Mammography & Biopsy

Niobium



MRI SCANNERS

Niobium nitride is used in the production of superconducting magnets found inside MRI scanners

Magnesium

MEDICAL IMPLANTS



Magnesium is bio-absorbable which makes it first choice material for implants