

Excerpt – ISO 14971:2019, Table C.3 — Examples of hazards

Energy hazards	Biological and chemical hazards	Performance-related hazards
Acoustic energy	Biological agents	Data
— infrasound	Bacteria	— access
— sound pressure	Fungi	— availability
— ultrasonic	Parasites	— confidentiality
Electric energy	Prions	— transfer
Electric fields	Toxins	— integrity
Leakage current	Viruses	Delivery
— earth leakage	Chemical agents	— quantity
— enclosure leakage	Carcinogenic, mutagenic, reproductive	— rate
Magnetic fields	Caustic, corrosive	Diagnostic information
Static discharge	— acidic	— examination result
Voltage	— alkaline	— image artefacts
Mechanical energy	— oxidants	— image orientation
Kinetic energy	Flammable, combustible, explosive	— image resolution
— falling objects	Fumes, vapors	— patient identity / information
— high pressure fluid injection	Osmotic	Functionality
— moving parts	Particles (including micro- and nanoparticles)	— alarm
— vibrating parts	Pyrogenic	— critical performance
Potential (stored) energy	Solvents	— measurement
— bending	Toxic	
— compression	— asbestos	
— cutting, shearing	— heavy metals	
— gravitational pull	— inorganic toxicants	
— suspended mass	— organic toxicants	
— tension	— silica	
— torsion	Immunological agents	
Radiation energy	Allergenic	
Ionizing radiation	— antiseptic substances	
— accelerated particles (alpha particles, electrons, protons, neutrons)	— latex	
— gamma	Immunosuppressive	
— x-ray	Irritants	
Non-ionizing radiation	— cleaning residues	
— infrared	Sensitizing	
— laser		
— microwave		
— ultraviolet		
Thermal energy		
Cryogenic effects		
Hyperthermic effects		