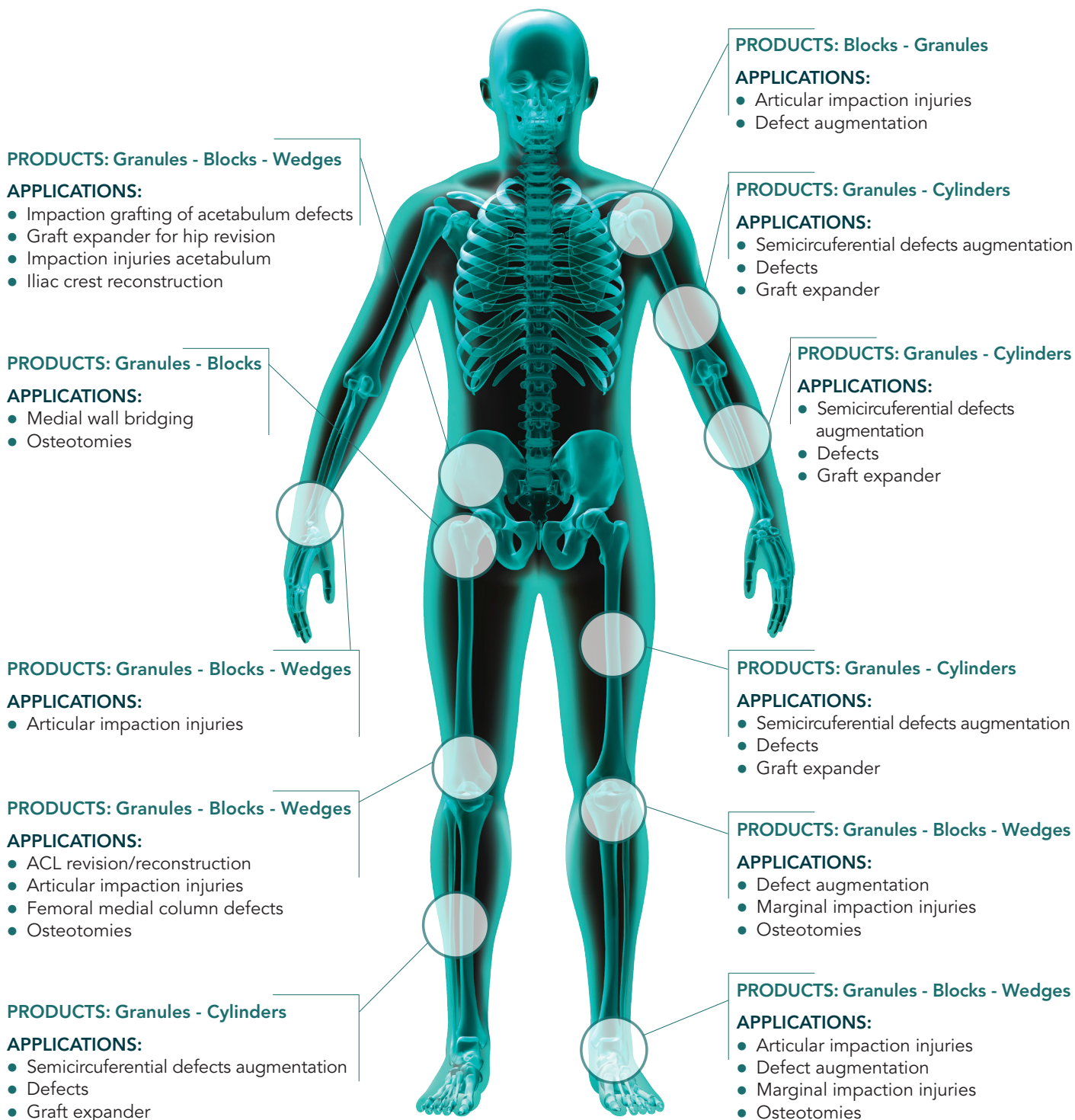


b.Bone™ Clinical Applications



The image shows possible applications of the device. It is surgeon's responsibility to evaluate the use of the most suitable configuration and size.



b.Bone is an innovative **bioactive** and **biomimetic** bone substitute that mirrors the structure of natural bone.

b.Bone is composed of hydroxyapatite and beta-tricalcium phosphate in a unique, **highly interconnected** and porous 3D structure which mimics the hierarchical architecture and morphology of natural human bone.



CONFIGURATION AND SIZE MIX

to match different clinical applications, surgical techniques and bone fixation systems. Less inventory to manage.



EASE OF SHAPING

with common surgical instruments such as an orthopedic saw – no additional instruments to use during surgery. Possibility of tailoring the product to best fit the patient's bone defect.



UNRIVALED IMBIBITION PROPERTY

the open porosity and high interconnection permit the complete imbibition with biological fluids, allowing an influx of biological activities to promote healing and achieve maximal osteogenic effect. Complete versatility when used in combination with different biological fluids such as autologous platelet gel, bone marrow aspirate, blood, etc.



NATURAL AND VEGAN

suitable for all patients, no cultural, religious or dietary issue to manage.



BIOMIMETIC

3D highly organized micro and macro porosity guarantees the presence of a mechanically reliable construct throughout the entire remodelling phase of fracture healing.



TOTALLY BIOCOMPATIBLE

maximal respect for the soft tissue envelope and the vascularity around the fracture site.



BIOACTIVE

interconnected porosity and nanostructural properties facilitates crosstalk between cells in the signaling pathway to enhance bone healing.

b.Bone is intended for use as a bone graft for voids or gaps that are not intrinsic to the stability of the bony structure. The device can be soaked up or combined with biological materials such as blood and bone marrow aspirate. **b.Bone** granules configuration could be used to expand the volume of autologous bone graft. It is indicated in the treatment of surgically created osseous defects or osseous defects resulting from traumatic injury to the bone.

b.Bone is intended to be implanted into bony voids or gaps of the skeletal system as a bone substitute, in the extremities and pelvis.

b.Bone is intended to be used as a bone substitute in adults. The effect of b.Bone in pediatric patients and in pregnant or breast-feeding women has not been established. Please take into consideration the contraindications listed in the IFUs.