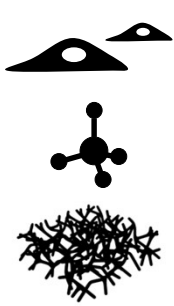




Regenerative biomaterials to restore human health

Tissue & organ building blocks



CELLS Smallest functional unit of life, responsible for biological processes like tissue growth and remodeling

SIGNALS Molecular and topographical cues guiding cell behavior

SCAFFOLD Tissue backbone, giving tissue its mechanical properties and providing structure for cell binding

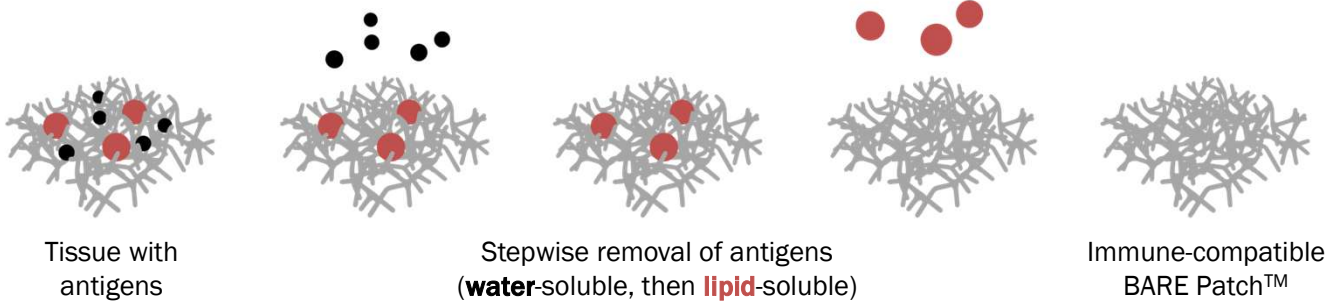
Clinical barrier

As scientists do not yet know how to engineer tissue scaffolds, **animal tissues** are currently the only readily available source

However, **antigens** in animal tissue that trigger rapid immune rejection following implantation limit more widespread use in clinical practice

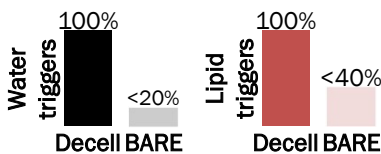
We aim to **restore human health** using **regenerative tissue scaffolds** that promote the healing process for lifelong solutions

ViVita's patented SPEAR Platform™



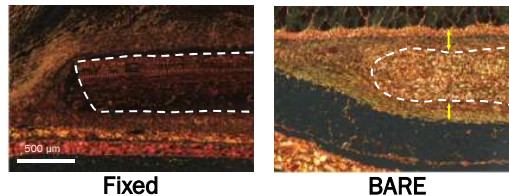
BARE Patch™ pre-clinical validation

BIOCOMPATIBLE



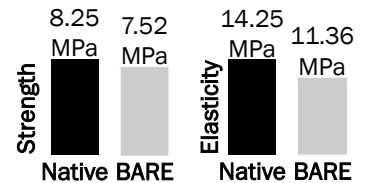
Greater **reduction of immune triggers** than achieved by removing cells alone

REGENERATIVE



Increased **regenerative turnover** than achieved by just masking antigens

FUNCTIONAL



Maintenance of **mechanical properties** characteristic of native tissue

Tested tissues



Heart valve



Heart



Vessel



Bone



Cartilage

CONTACT

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