**Foreign body response / Tissue Injury**

- Immediate: Macrophage + fibroblast proliferation in peri-implant tissue

**Follistatin**

- Vascularisation
- Granulation tissue
- Myofibroblast proliferation
- Collagen deposition
- Progressively more acellular

**Activin**

- Inflammatory milieu ensues
  - TNF α
  - PDGF
  - TGF β
  - IL-1, IL-6, IL-17

**Presence of Bacterial biofilm**
- TC mediated immune response

**Collagenous capsule**
- +/- Fibrotic, contracted scar tissue

**Months**

**Days**

**Weeks**