



PYRUS

Purpose

**Improve Outcomes With
Better Visualization**



PEAR
MED

History (or lack thereof...)

Formed in February 2017 as Pear Medical

Based on PhD research by CTO Ryan James (Bioinformatics – University of Washington)

Changed name to Pyrus, Inc. October 2017

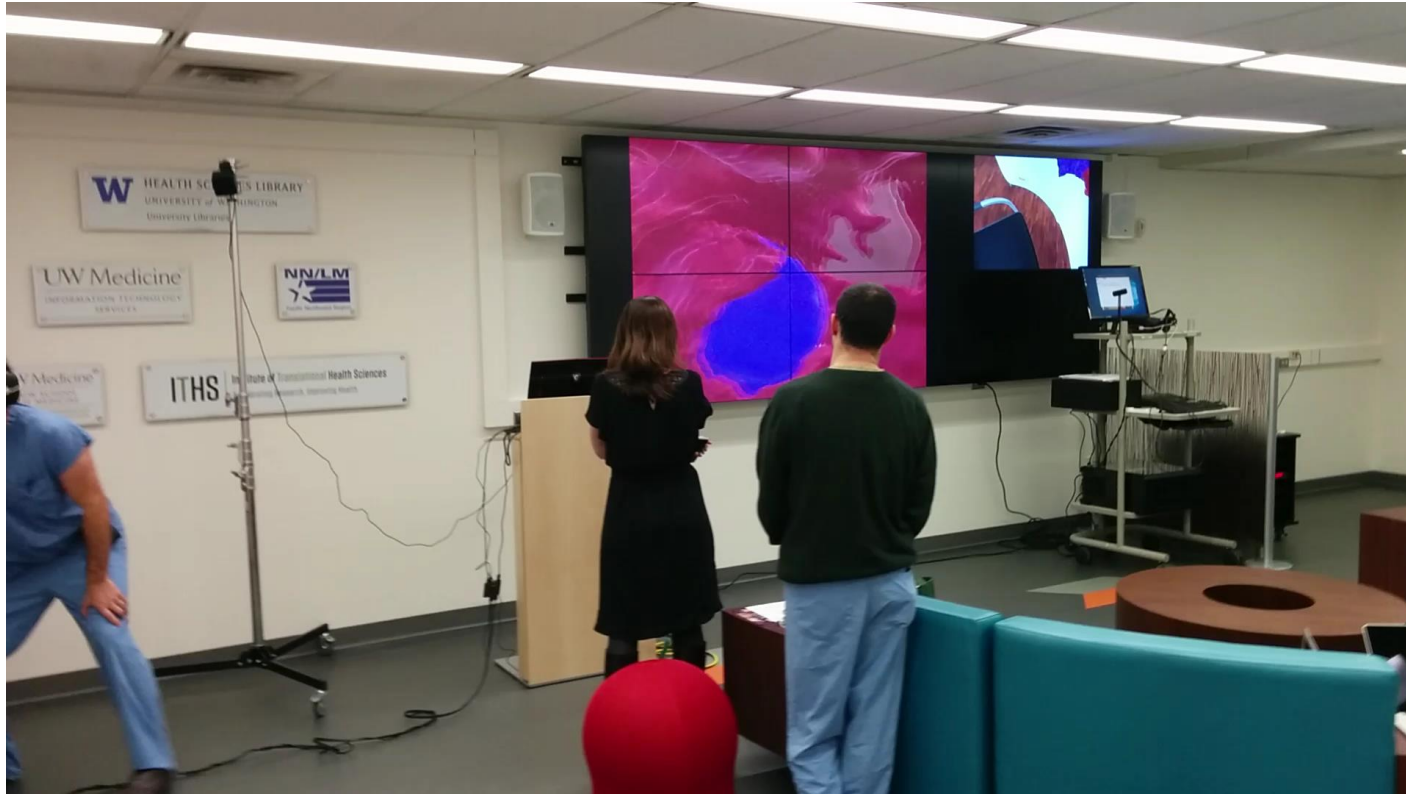
Virtual Reality (VR) and Augmented Reality (AR) applications in medicine

Pre-Revenue and Pre-Funding

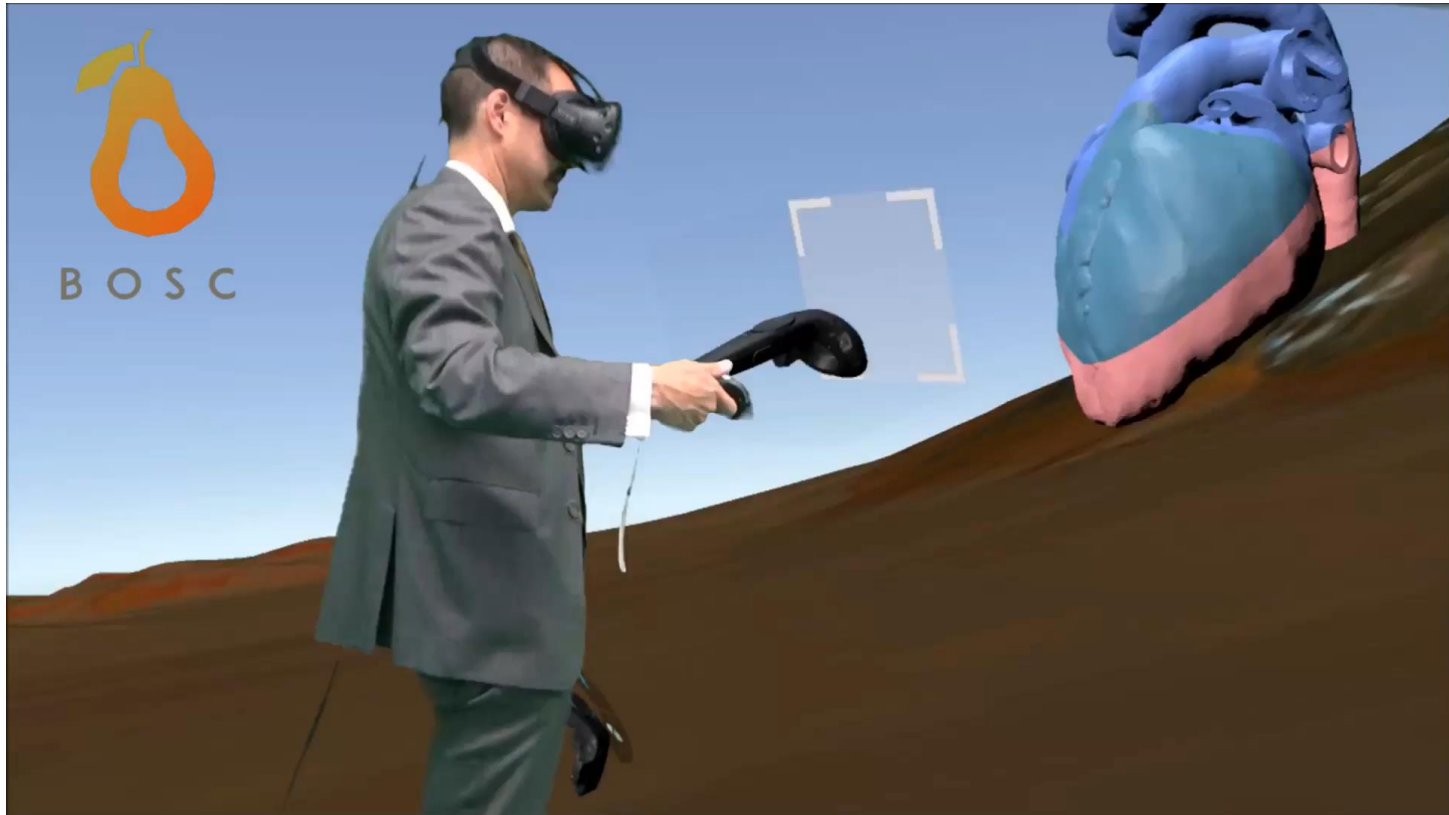
Member of Life Science Washington

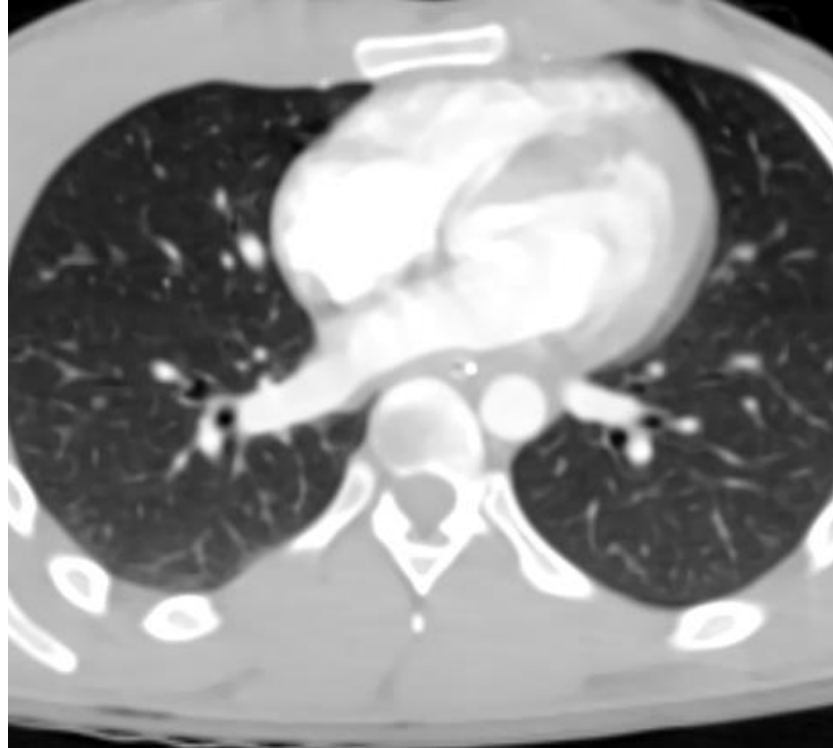
University of Washington Co-Motion

Dr. Zachary Steinberg - UW Interventional Cardiology



Dr. Jonathan Chen – SCH Chief of Cardiac Surgery







\$5.1 B

Global VR/AR Healthcare Market 2025

\$1.5 B

US Surgical Planning Market Today



Reimbursement

0.1%

Profit margins with complications

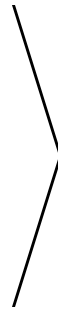
5.8%

Profit margins without complications

Approach

Technology

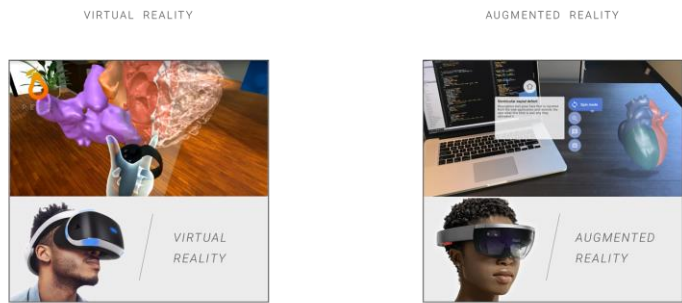
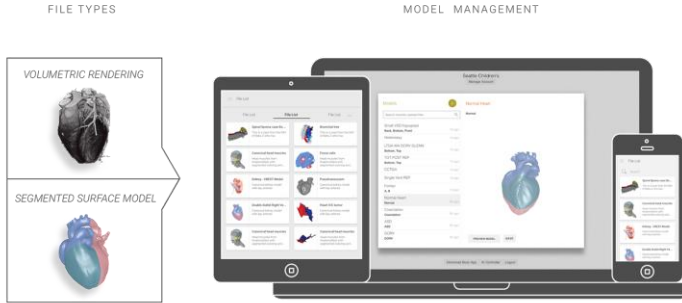
Use existing pre-op patient images to create interactive 3D models in a VR & AR environment



Outcome

1. Reduced surgical complications
2. Increased hospital profits
3. Reduced disease recurrence
4. Building blocks for VR/AR in medicine





Bosc

Pilots - measuring outcomes

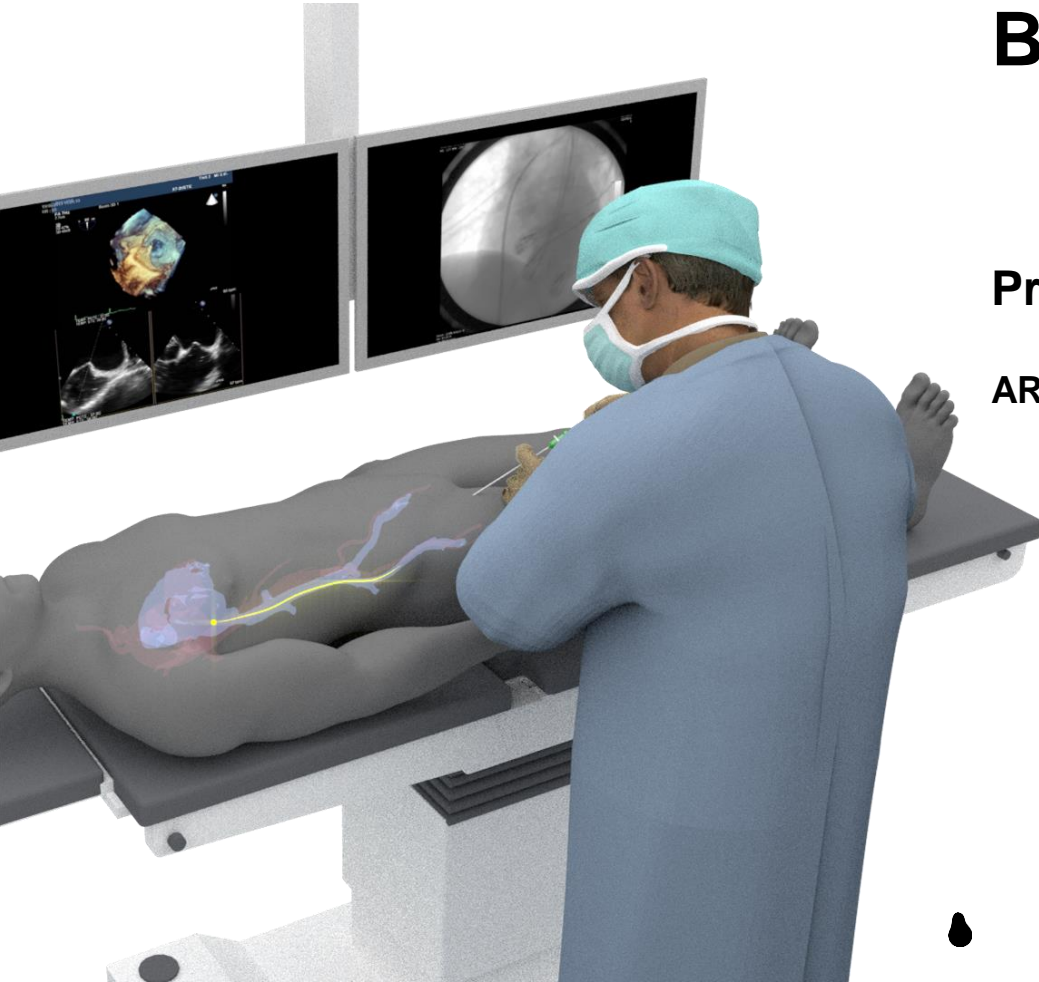
- Seattle Children's Hospital
- British Columbia Children's Hospital
- University of Washington
- University of California - Irvine



Bosc - Long-Term

Prototype: November 2017

AR Procedural Guidance



Co-Founding Team

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