

Ryan
Darling

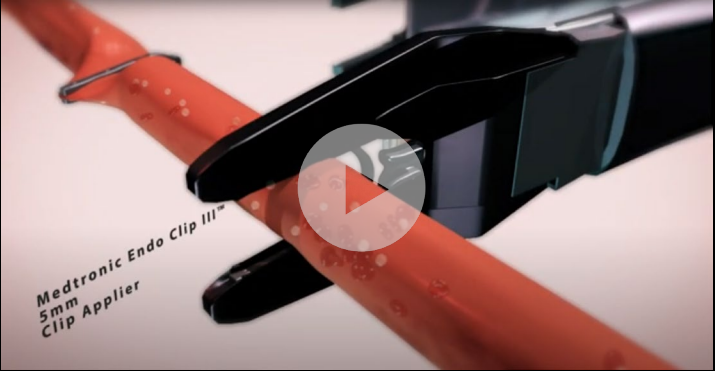
2023



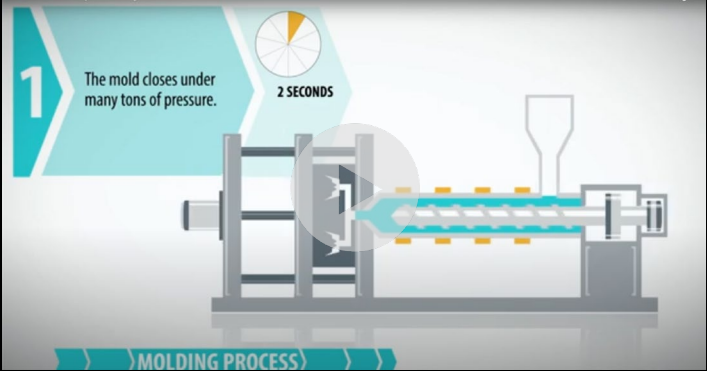
Job Posting Promo Video

Promo Video for showcasing our work and work culture.

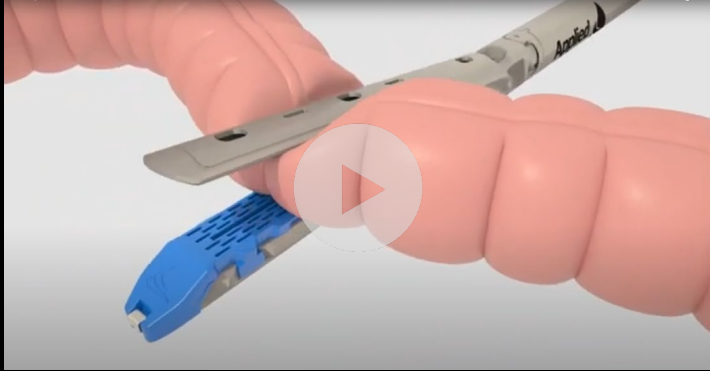
Medical Device Animations



Clip Applier Comparison Video



Molding Process | 2D didactic motion graphics



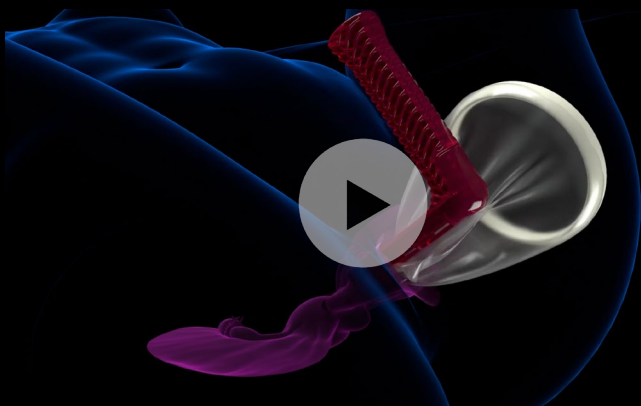
Cholecystectomy Animation: Stapler Animation



Voyant Fusion Laparoscopic Energy Device

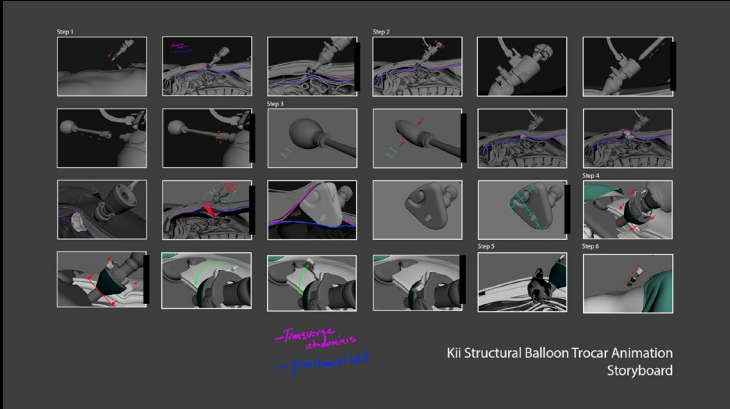
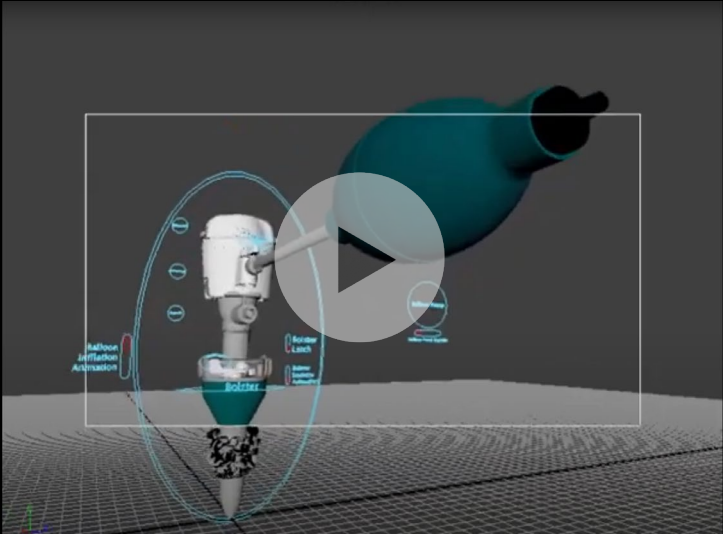
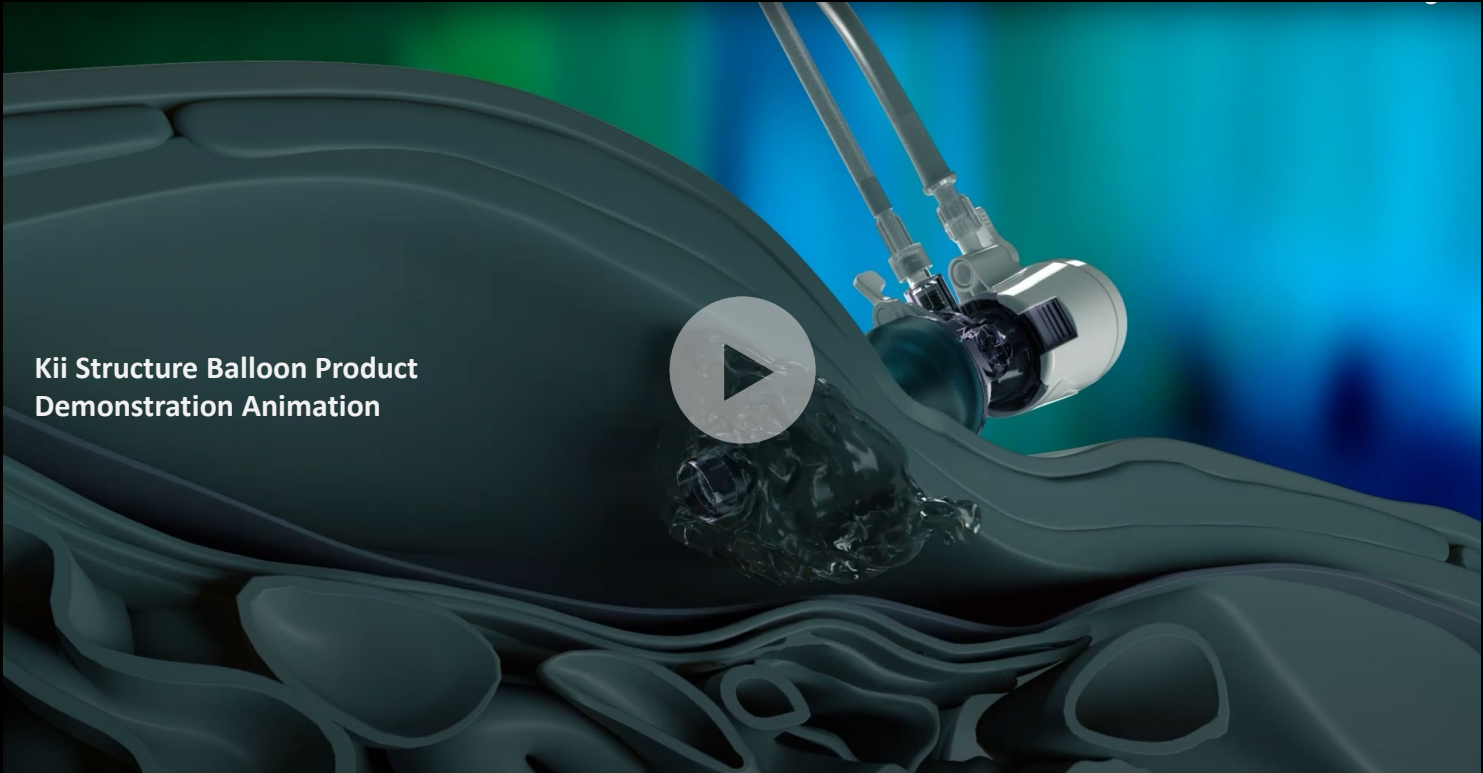


First Entry Trocar Animation | for Peritoneal Cavity Instrument Access



VNOTES | Vaginal Hysterectomy

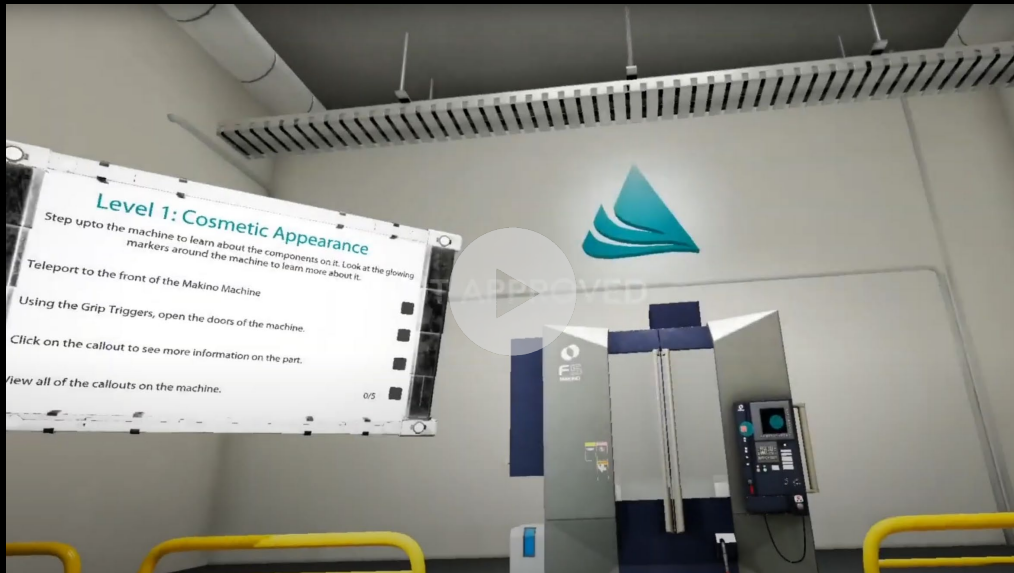
Animation Process



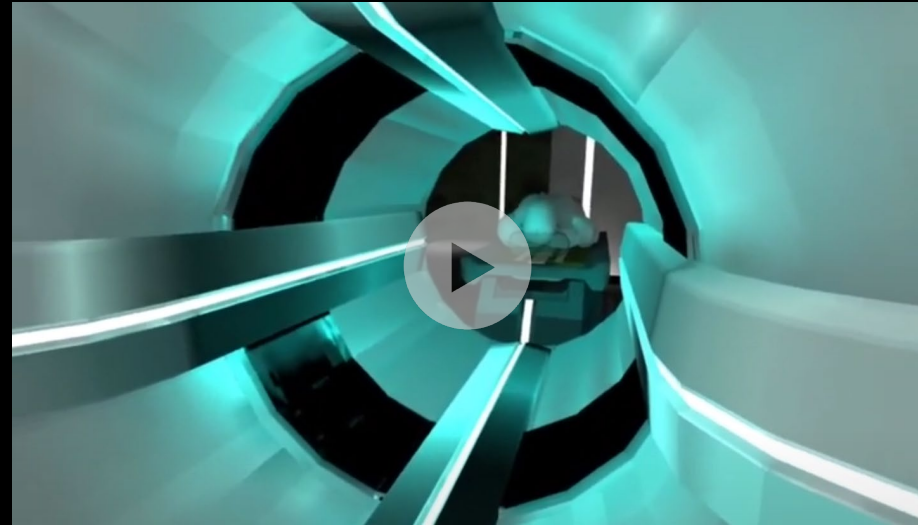
Applied XR



The Corporate Transition | 360 Video | Audio Enhanced



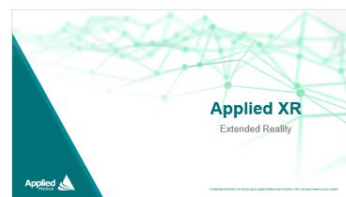
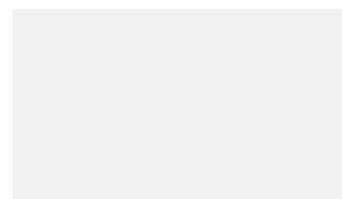
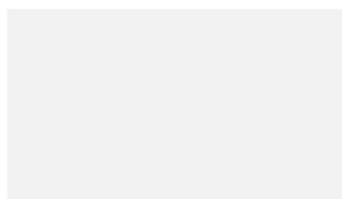
Applied XR Pilot Project for manufacturing



Oculus VR And Unreal 4.2 Testing Long Version

Presentations for Internal XR Education

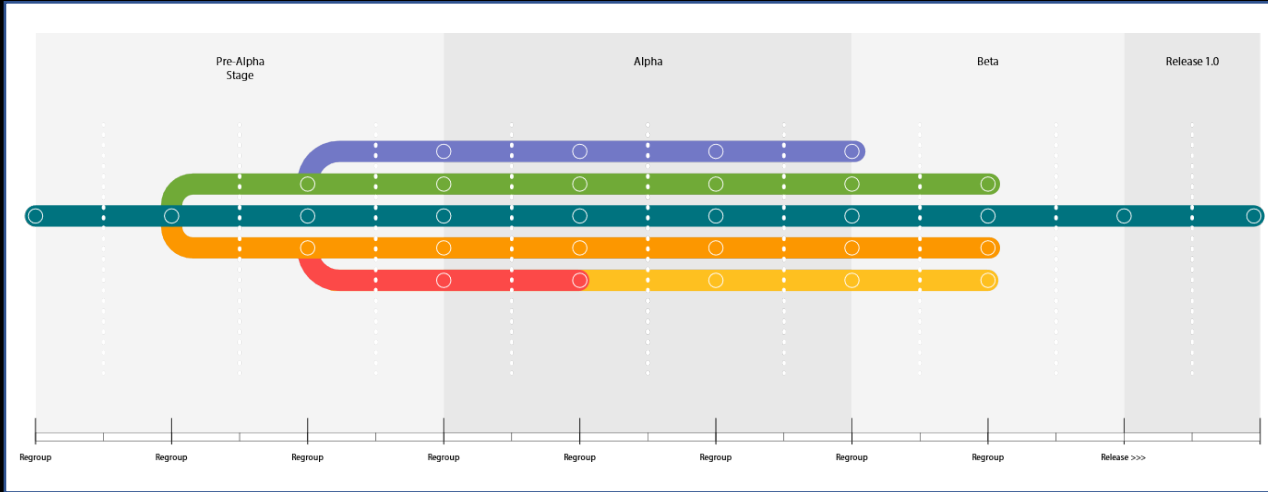
14 Educational course for internal training given to the Applied Branding Department for cross team design collaboration.



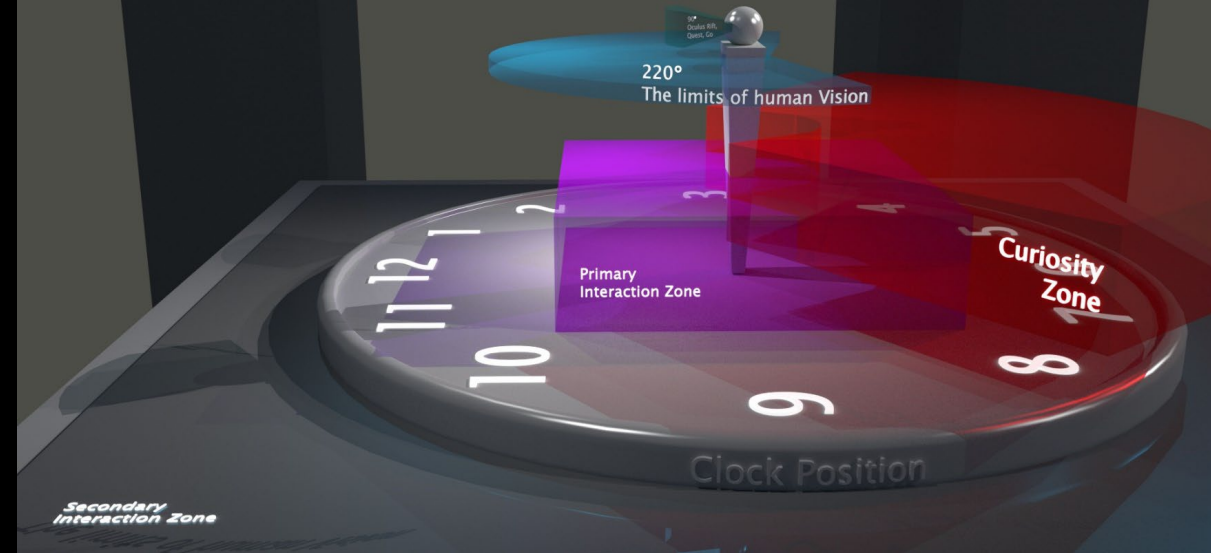
More 

Presentation Highlights

Highlight samples from internal training.

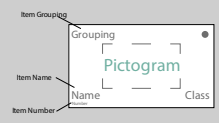


XR 360 Play Area

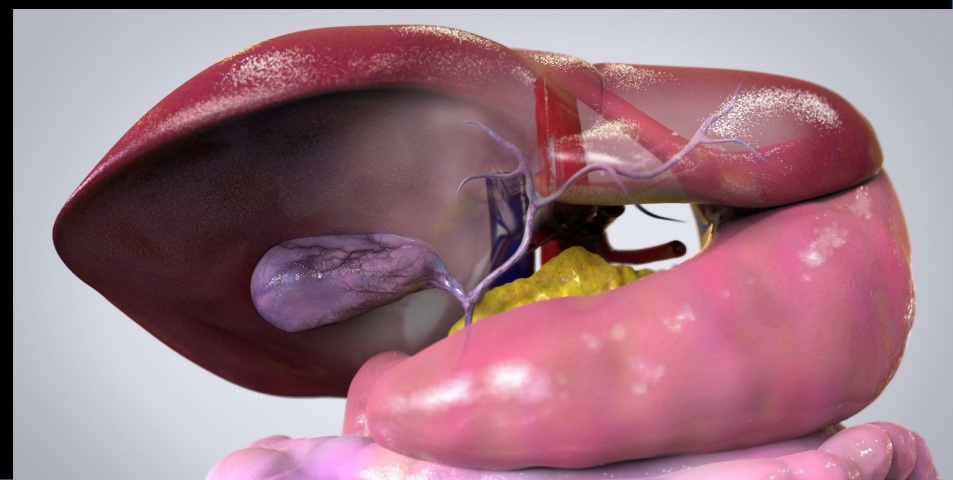


Form 3D Space Element	Form Vertices Element	Form Line Segments Element	Form Triangles Element	Form Polygons Element	Form Volume Element	Form Voxels Element
Form UVs Element	Form Rendering Element	Form Fractal Element	4D Design Physics Principle	4D Design Animation Principle	4D Design Time Principle	4D Design Acceleration/Easing Principle
4D Design Frames Per Sec Element	4D Design Automation Principle	4D Design Light Principle	4D Design Duration Principle	4D Design Interactivity Principle	4D Design Musicality Principle	4D Design Simulaneity Principle
4D Design Juxtaposition Principle	4D Design Tempo Principle	4D Design Transitions Principle	Sinces Touch Element	Sinces Transitions Element	Sinces Smell Element	Sinces Taste Element
Sinces Sound Element	Sinces Proprioception Element	Sinces Equilibription Element	Sinces Gestures Element	Sinces Chronoception Element	Sinces Hot Element	Sinces Cold Element
Sinces Moisture Element	Sinces Wind Element					

- Design Basics 2D
- Color
- Principles of Form
- Principles of Digital Form
- Principles of Design 4D
- Senses
- Principles of Composition
- Gestalt Principles of Grouping
- Principles of Design Psychology
- Design Styles
- Principle States of Mind

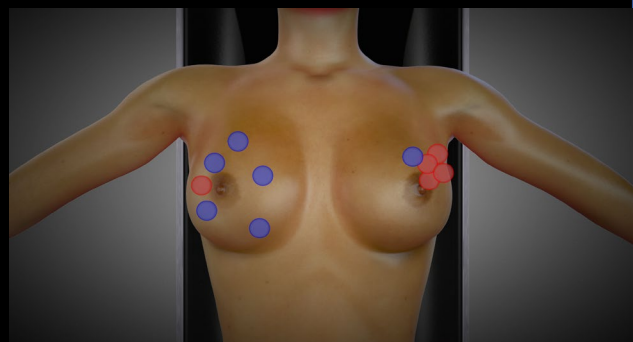
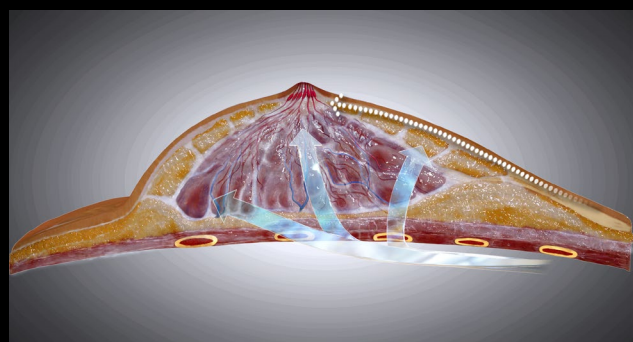
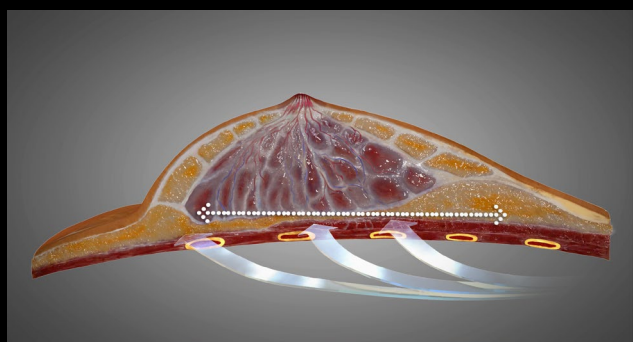
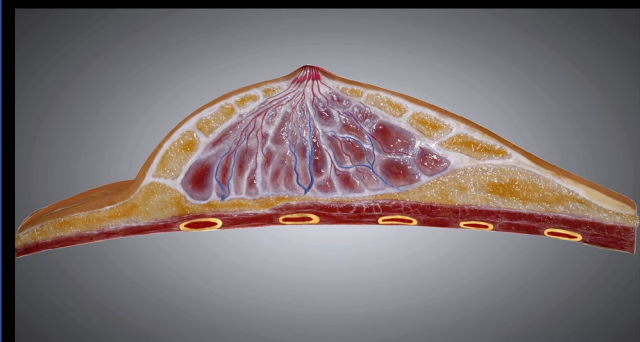
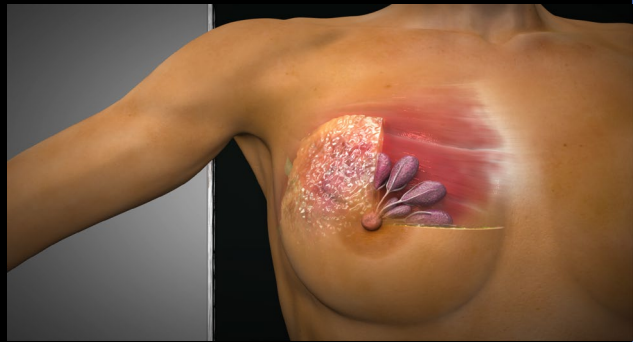
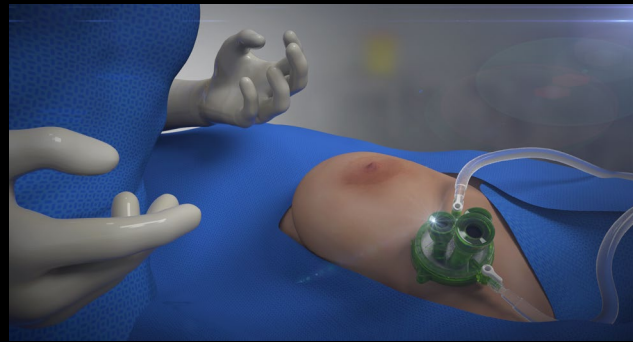
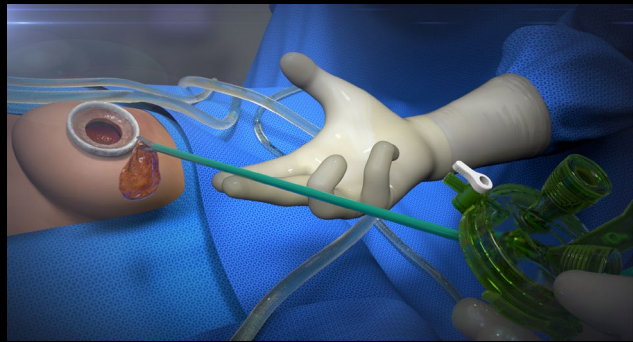
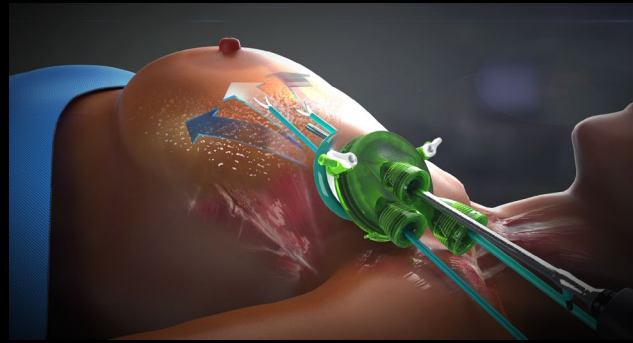
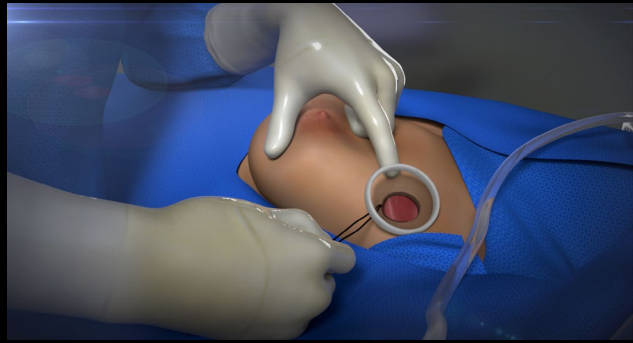
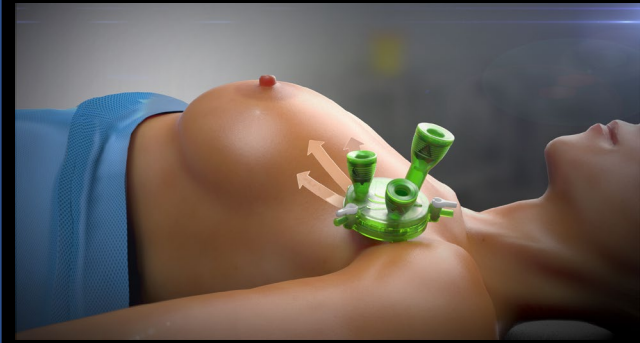
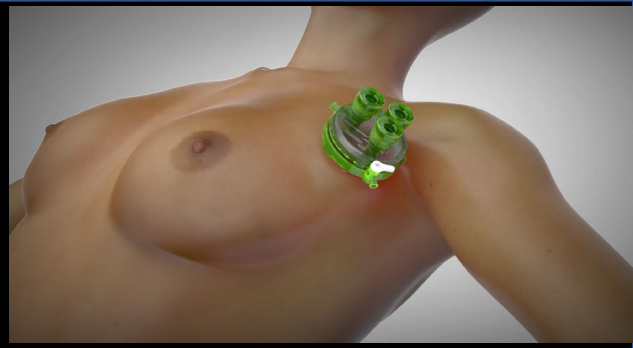
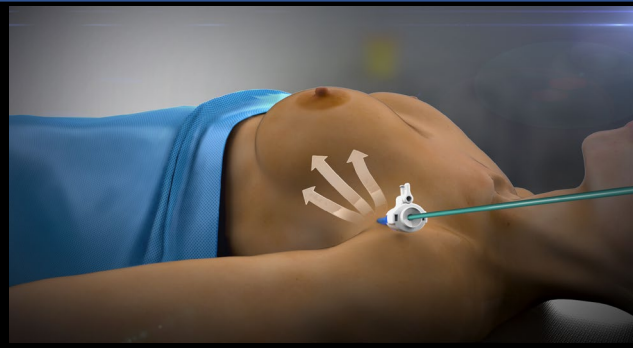


Print Materials

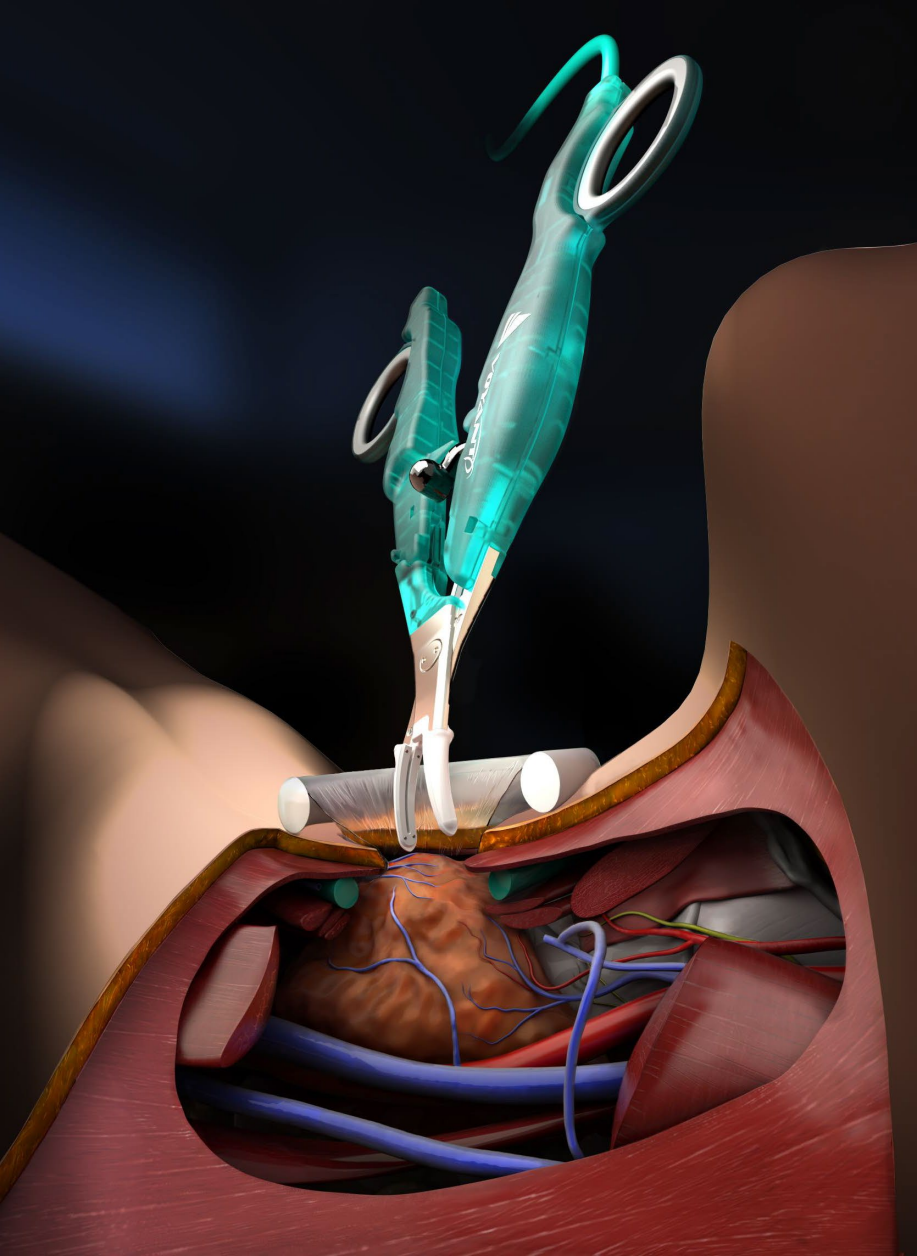
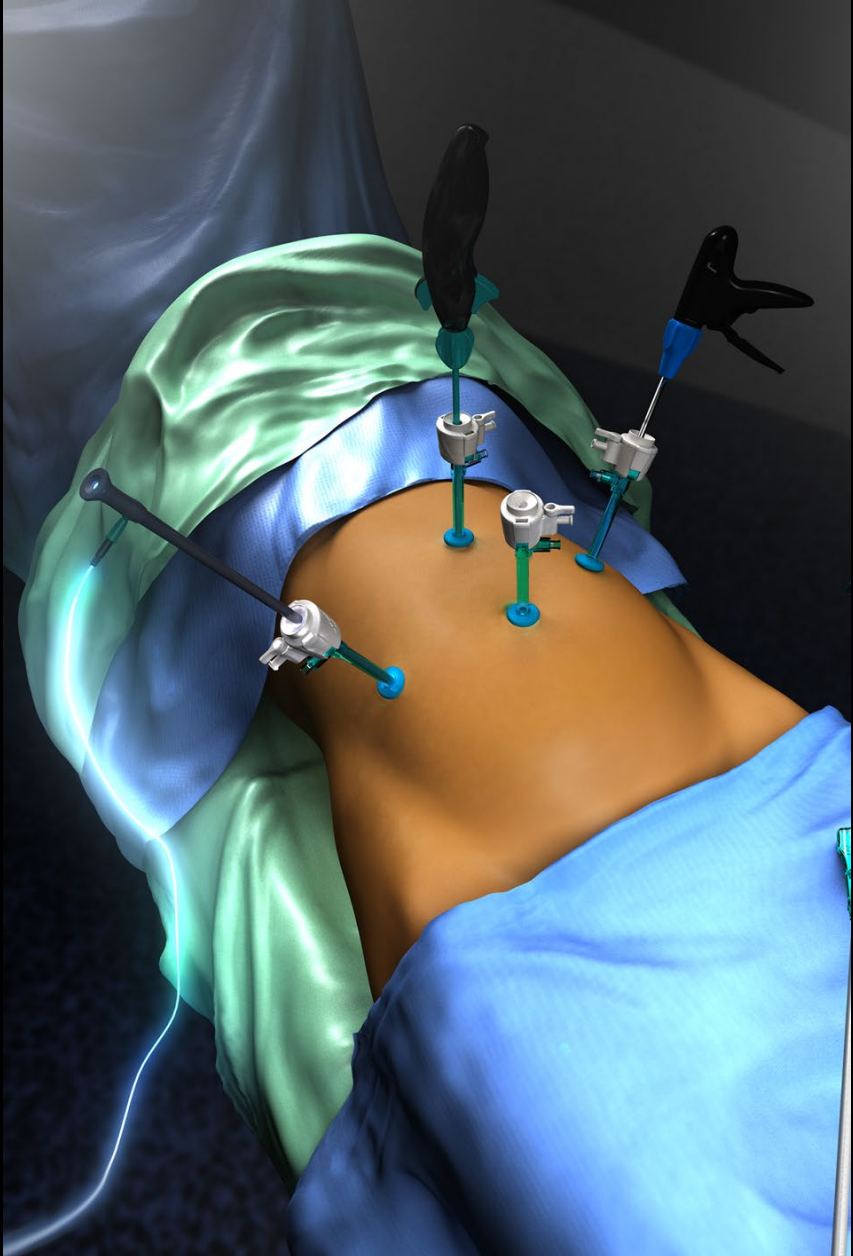
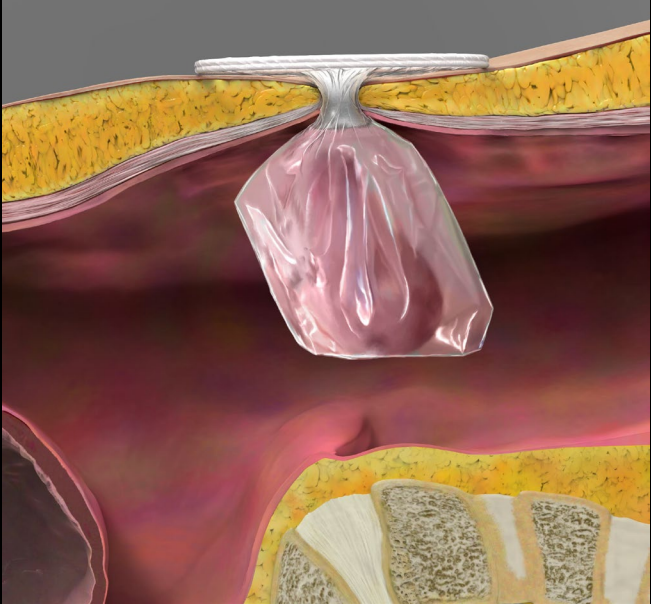
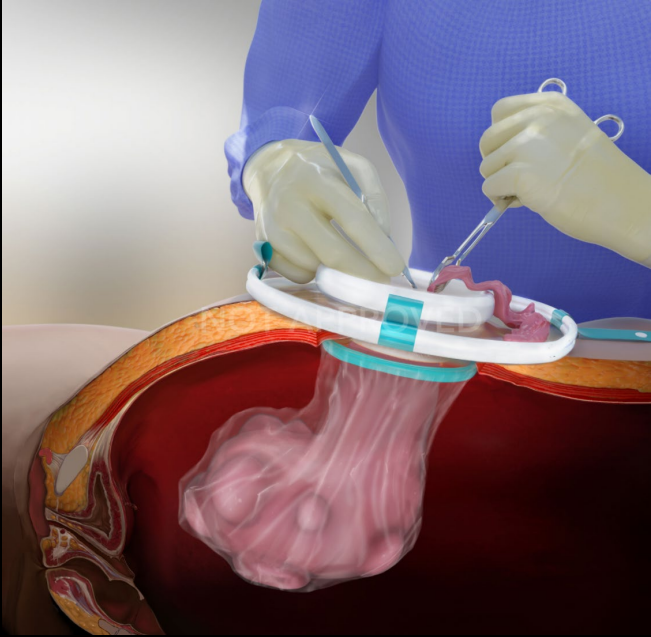


Minimally Invasive Single Site Mastectomy

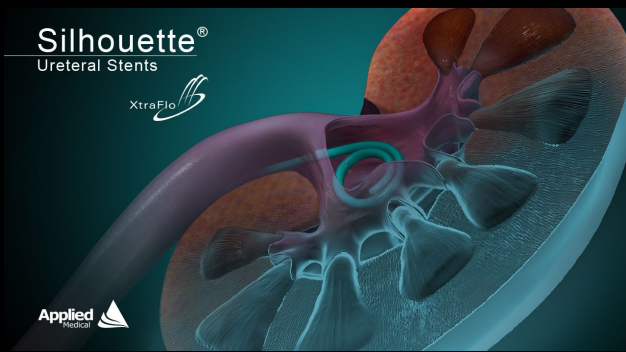
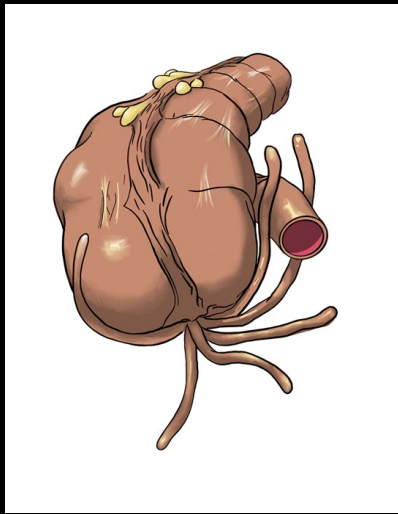
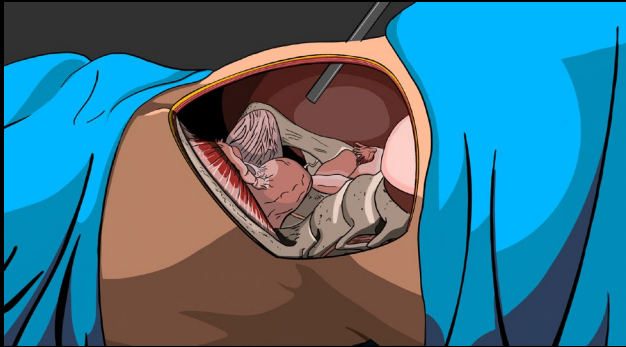
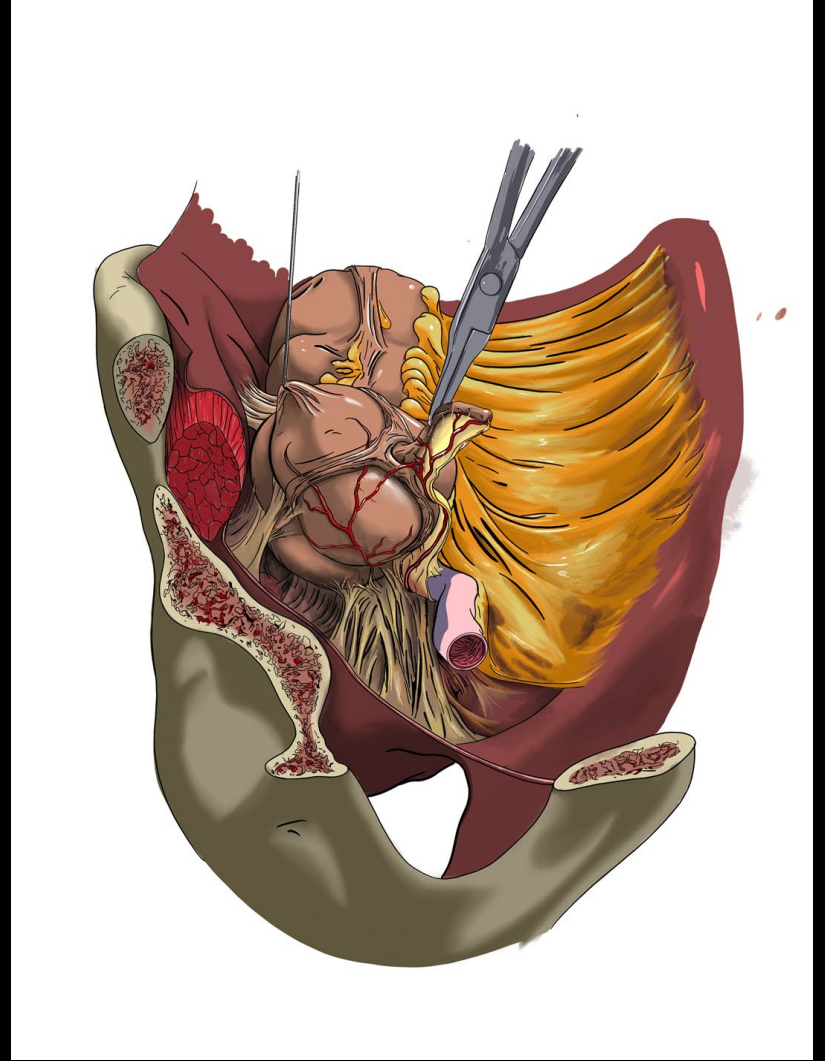
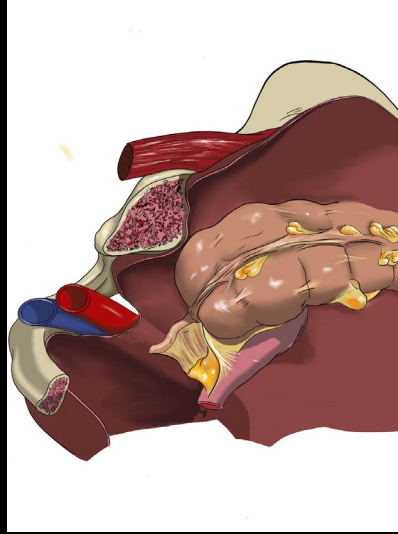
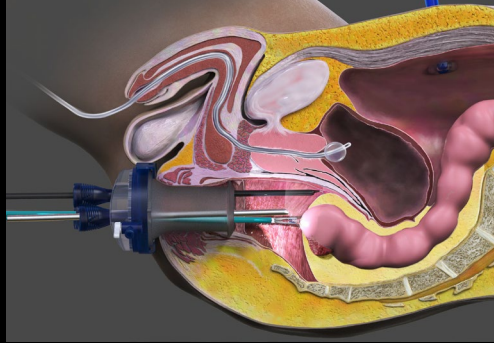
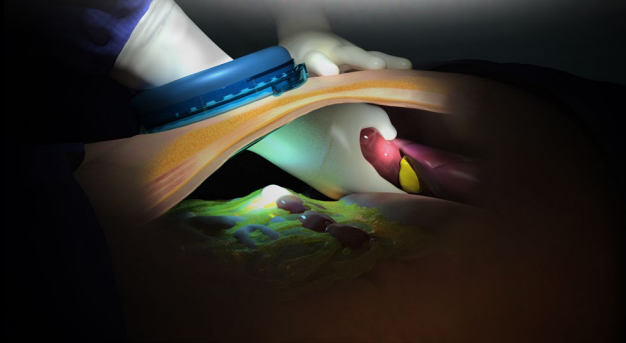
15-piece series for international use only



Sample 3D Illustrations



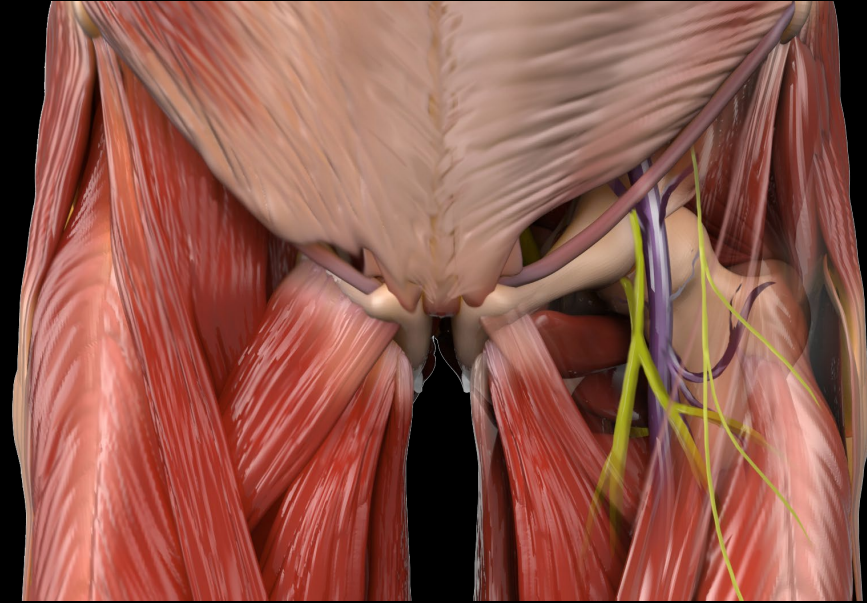
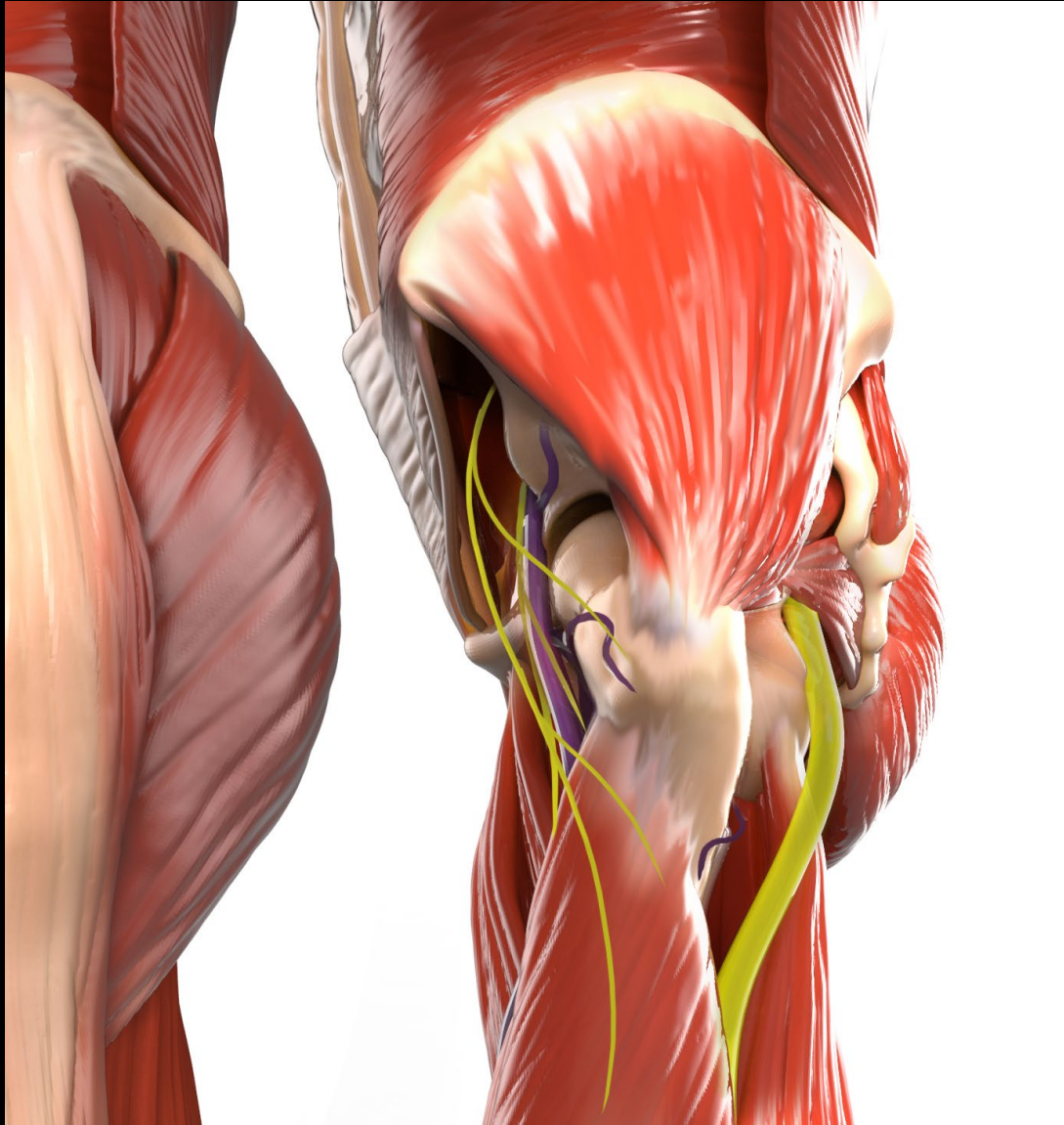
Additional Surgical Techniques 3D and 2D Illustrations | Minimally Invasive



Voyant Fusion Energy Device | Open Procedure

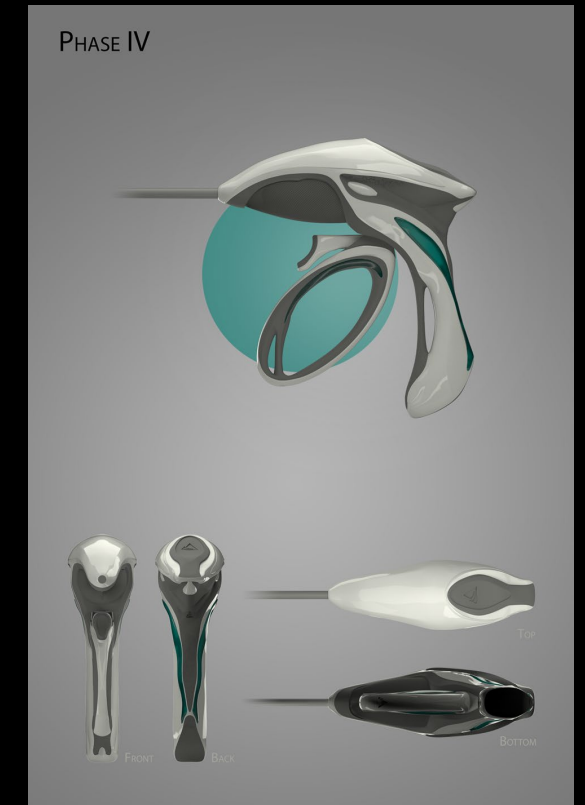
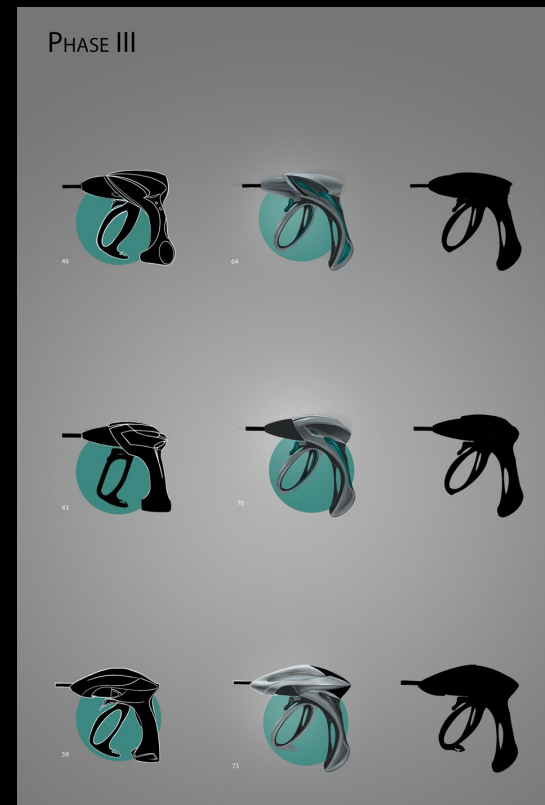


Custom Anatomy Reference for Surgical Presentation



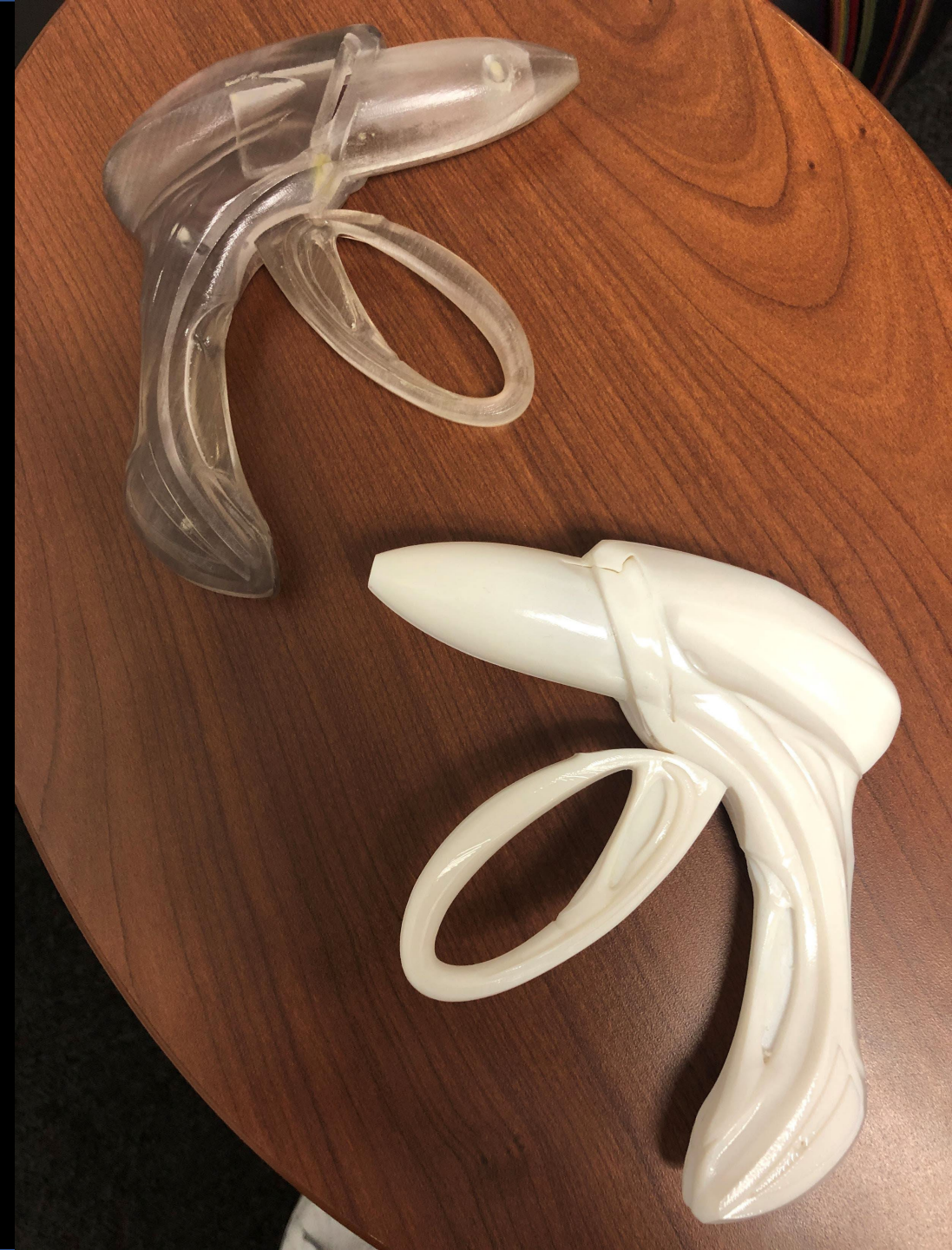
Industrial Design | Voyant Handheld Device

Iterative design Phases – 2D to 3D rendering



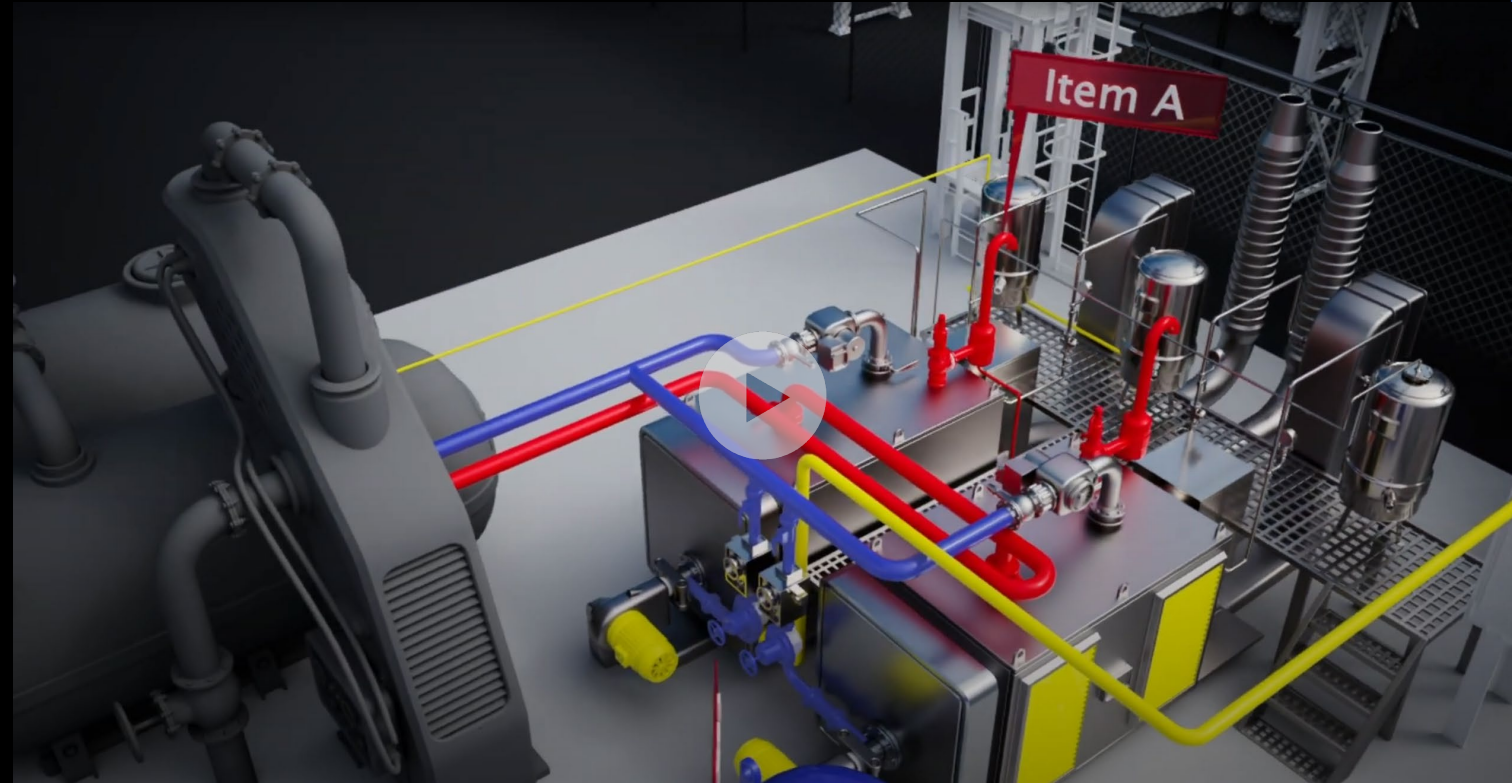
Industrial Design | Voyant Handheld Device

3D Print



Government Contract BID | Refinery and VFX

Scientific/Forensic Animation



Horizon
Tech

Maintaining Industry
Standards

Real Time Rendering | Unreal Engine

PBR

|

Raytracing

|

NVIDIA RTX GPU

|

AI



AI and Design

Images | Audio | Written Word | Simulation
Video Editing | 3D Modeling | Architectural Design | Layout
| Generative Manufacturing |



Metahumans

Realtime Rendering



Live Performance
AI



NVIDIA RTX GPU



Web3 & Virtual Spaces

Digital Identities
Improved Security

Smart Contracts
Content Ownership

Data Ownership
Virtual Access



Contact Info

Ryan Darling

3D Gallery: [Link](#)

Online Store and Education: [Link](#)

ArtStation: [Link](#)

LinkedIn: [Link](#)

Email: RyDarling@Gmail.com

Contact Info

Ryan Darling

3D Gallery: [Link](#)

(Please note: If a link is broken, please reach out and I would be happy to provide you with another.)

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Thank You!