



thechamberlaingroup

Bringing Practice to the Practice of Medicine®



overview 2016

the chamberlain group

934 main street, great barrington, ma, usa 01230

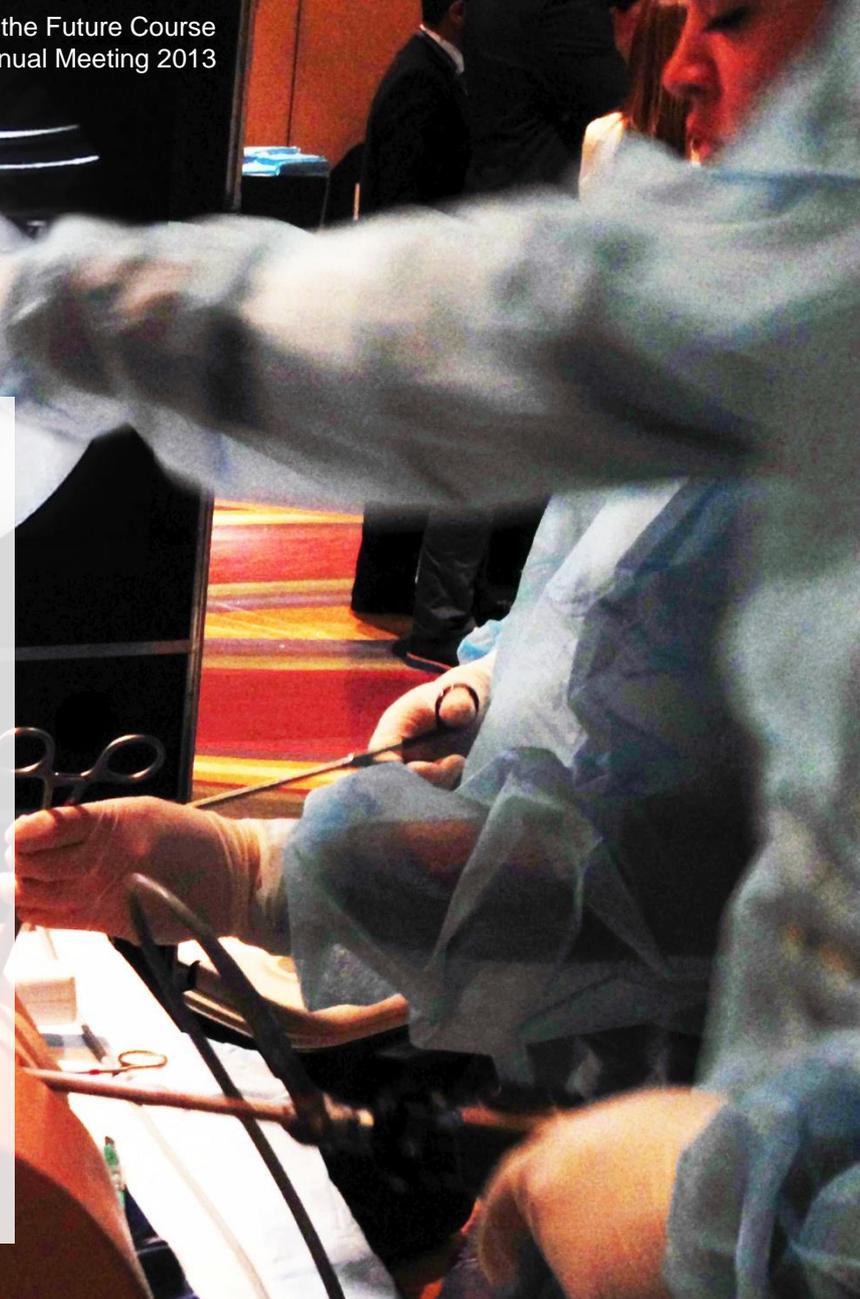
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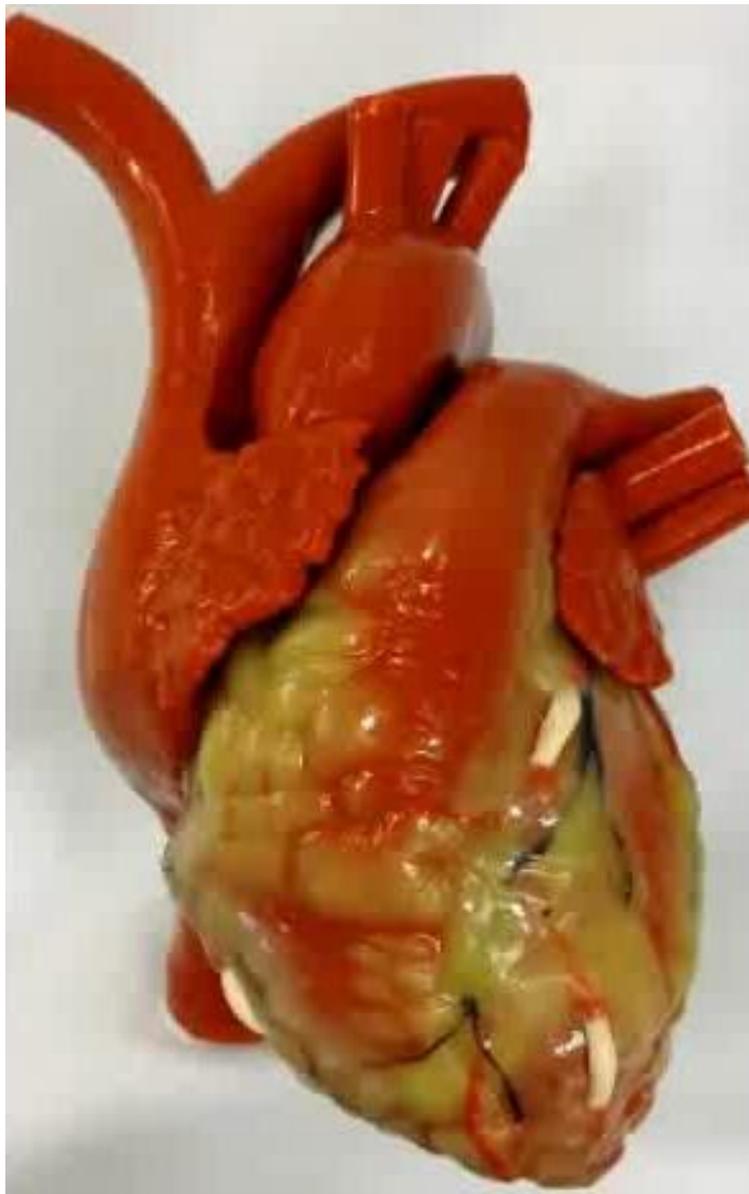
thecgroup.com

the chamberlain group

designs, develops, and manufactures accurate anatomy for surgical and interventional training, research, device development, sales and marketing.

- pioneers in proprietary processes and advances in mimetic tissue
- suppliers to medical device manufacturers, pharmaceutical companies, teaching hospitals, regional hospitals, and researchers in over 50 countries
- applications for cardiothoracic, vascular, GI, reproductive, urological, pulmonary & general surgical training and research
- proven utility in the field since 1999
- over 500 products offered to date





our solutions

- Custom integrated design, prototyping, and manufacturing all controllably done in-house.
- Physical & computer generated models built directly from patient CT & MRI datasets.
- Our proprietary polymer formulations look, feel and respond like living tissue -- and can be standardized.
- A greater acceptance of mimetic tissue as a result of better tissues being produced.
- Product line spans all levels: Simple suturing to complex procedural instruction, starting with medical school & residency and continuing for the practitioner's entire career.

what makes chamberlain different?

We work with clinicians and educators as clients and lead directors for projects.

We focus on the issues surgeons and interventionalists need to gain competency for successful procedures.

We recreate the precise tissue-to-technology experience enabling the instrumentation to function appropriately in a safe, repeatable environment.

Our product experiences can be produced in high volume once the prototype phase is successfully completed.

We manufacture in-house for efficiency and quality control.

Our trainers allow clinicians to gain confidence and expertise from repeatable clinical experiences.



working with you



MICS Thorax and MICS Mitral



our process includes:

discussion. We review your objectives and probe for the nuances that make your procedure unique, establishing a foundation for our design development.

research. A learning process that takes us to the OR, the lab, the web, or wherever necessary to gain a complete understanding of the anatomy, mechanical interface, and procedure subtleties.

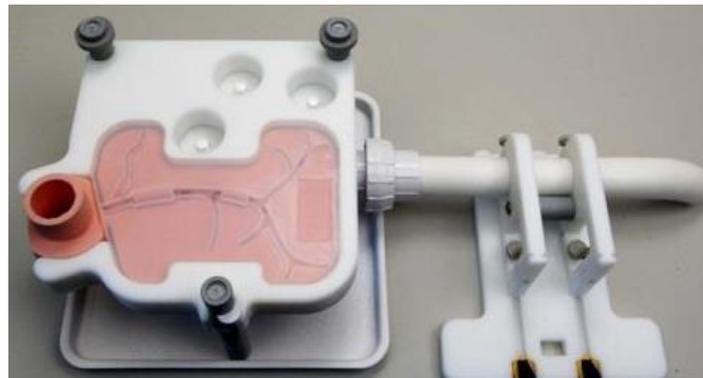
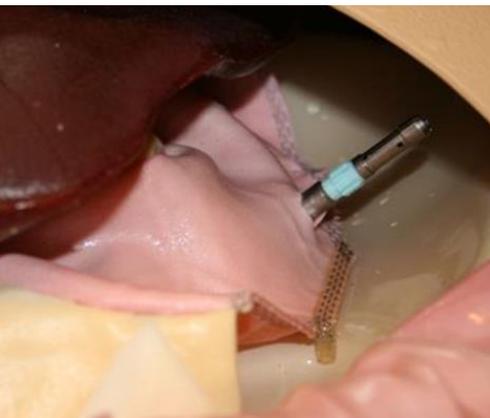
design. Our research and your goals coalesce in a CAD design that becomes the blueprint for the prototype.

development. We refine materials, replicate anatomy, solve the technical challenges, and provide the prototype for your evaluation.

production. Manufacturing. In house. In the US. No surprises. On schedule and on budget.



working with you



a short list of recent clients and collaborators:

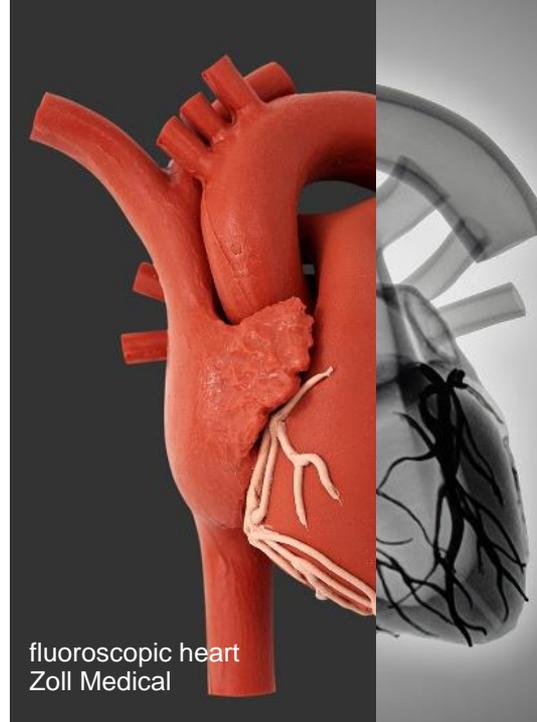
- Baystate Medical Center*
- Boston Children's Hospital*
- Boston Scientific*
- B. Braun*
- Brigham & Women's Hospital*
- Carnegie Mellon University*
- Cleveland Clinic*
- Cook Medical*
- Covidien /Medtronic*
- Edwards Lifesciences*
- Entellus Medical*
- Genzyme*
- German Heart Center of Berlin (DHZB)*
- Johns Hopkins*
- Imperial College London*
- Intuitive Surgical*
- Johnson & Johnson / Ethicon /DePuy Mitek*
- London Health Sciences Centre, CSTAR*
- Long Island Jewish Medical Center*
- Maquet*
- McGill University*
- Massachusetts General Hospital*
- Memorial Sloan-Kettering Cancer Center*
- NASA Ames Research Center*
- NYU Medical Center*
- Pfizer*
- Stanford University*
- Karl Storz Endoscopy*
- Terumo*
- Thoracic Surgery Directors Association*
- University Hospitals Bristol (UK)*
- Yale University*
- Zoll Medical*



recent developments



breast reconstruction trainer with NYU Reconstructive Plastic Surgery Dept.



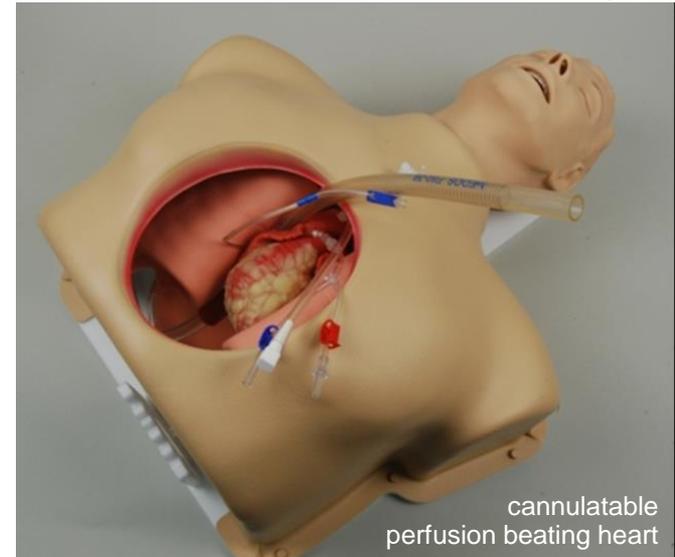
fluoroscopic heart
Zoll Medical



trauma thoracotomy team trainer
Massachusetts General Hospital



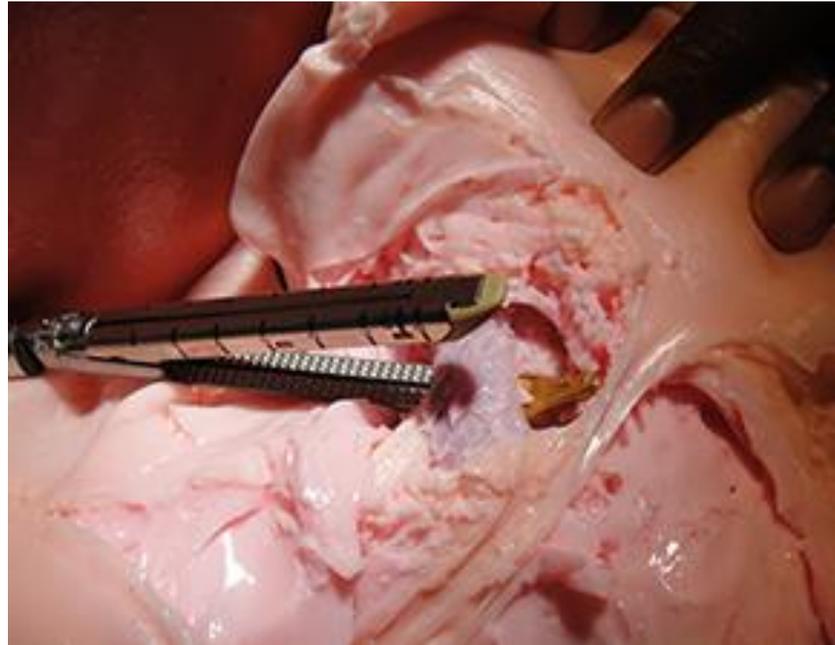
oral health trainer
NYU School of Nursing



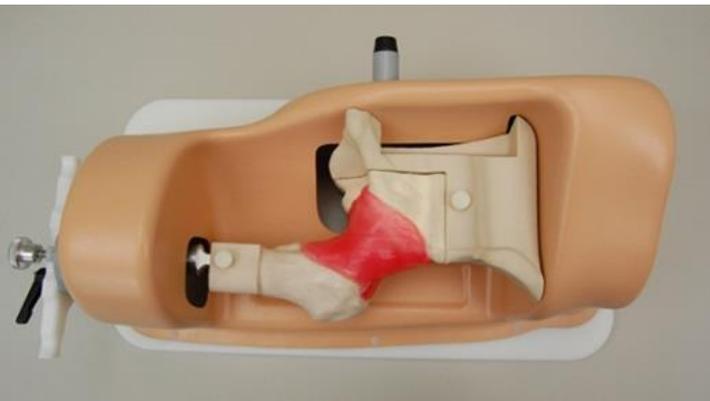
cannulatable
perfusion beating heart



recent
developments

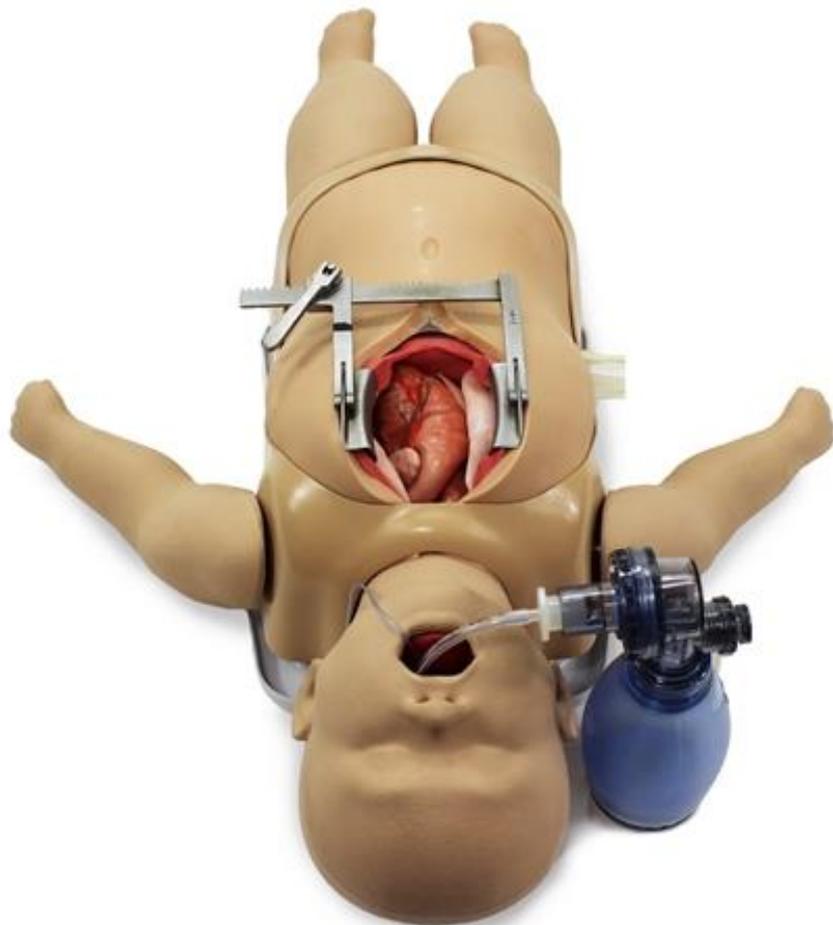


VATS trainer for use with mimetic lung or explants



hip labrum trainer





Surgical Sam is the world's first beating heart, breathing and bleeding high fidelity team trainer for pediatric surgery.

Developed with Boston Children's Hospital, Surgical Sam 'moves the needle' on pediatric surgical team training by allowing important steps of surgery to really happen – allowing OR teams to fully immerse in simulations to optimize performance, safety and outcomes for children.

Surgical Sam is now available with cardiothoracic and general surgery modules.

please visit our YouTube Channel to see our work in action:

<https://www.youtube.com/channel/UC89eZUr2m2NN2FbnTwftKlw>

and our all new website for 2016:

www.thecgroup.com

**and the New York Times to see their video about
the chamberlain group:**

<http://www.nytimes.com/video/science/10000004027097/hollywood-in-the-operating-room.html>

