

## **echobio**

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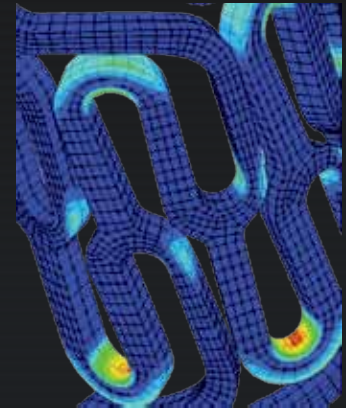
More at

web **echobio.com**

blog **drperry.org**

**echobio** is experienced in all aspects of engineering implantable medical devices and provides a range of expert services to suit your needs, timing and budget.

Our FEA and medical implant design expertise is supported by over twenty years of hands-on mechanical testing and physical prototyping. We have a laboratory, high-speed fatigue test systems, small-scale production equipment, machine shop, and a long list of custom research and proprietary equipment available.



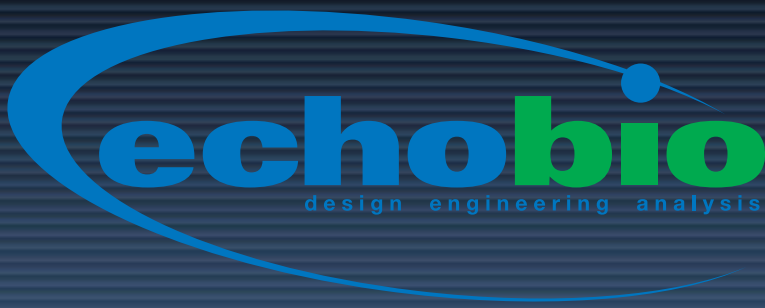
### **ECHOBIO offers technical consulting services:**

- Advanced Finite Element Analysis
- Product design and optimization
- Fatigue and durability studies
- Material and mechanical testing
- Nitinol prototypes and production
- Regulatory approval

### **Our expertise includes:**

- Experimental and applied mechanics
- Fatigue and fracture mechanics
- Nitinol and other medically implantable alloys
- Biological materials, polymers, composites



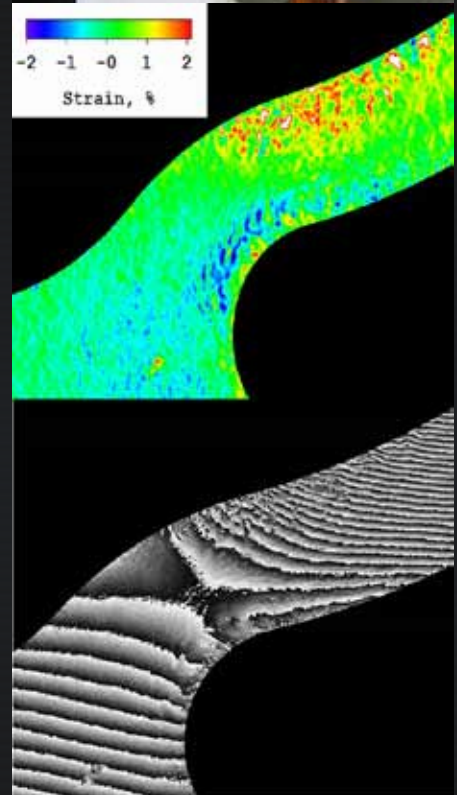


We are the industry leader in the application of Finite Element Analysis (FEA) to implantable medical devices and have helped many large and small companies with product development and regulatory approval. ECHOBIO LLC has over 20 years of experience with medical devices including self-expanding and balloon expandable stents, stent grafts, heart valves and others, as well as a strong background in implantable materials (metals, polymers, ceramics and biomaterials). This experience provides a solid foundation for our use of FEA and improves our simulation of devices and surgical procedures.

We participate on international standards committees and pioneer innovative materials research to develop better engineering methods for making reliable and safe implantable medical devices.

Our goal is to put our engineering and medical product expertise to work for customers and partners, helping them move quickly and confidently to market with safe and effective products.

From concept through design, testing, clinical evaluations and regulatory approval, **echobio** can help you create better products.



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