

Established in 2021

Members

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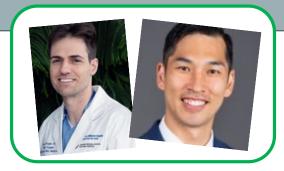
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Definition

Innovation

A process of systematically evaluating and promoting innovation in surgery may be critical in the evolving practice of medicine.

Challenges introducing new technology into a clinical setting







Innovation at all levels

Clinical Practice

- New Procedures (open, fetoscopic, image guided surgery)
- New Instruments (medical devices, digital surgery, robotics)
- Practice Management
- New guidelines
- Cross-Specialty Synergies

Education

- Robotics
- Energy Sources
- Operating Room of the Future

Research on the Cutting Edge

- · Materials and Prostheses
- Computer medicine and Al
- Biologic Investigations



- Surgical Training and Performance Metrics
- Surgical Simulation
- Telemedicine and telementoring
- Introduction of New Techniques and Technologies into Clinical Practice
- History of surgical innovation and innovators



Mission and Goals

- ✓ Update NAFTNet members and Centers about new technological advances in medicine that could have an application in the fetal diagnosis and therapy field.
- Promote innovative/disruptive ideas and projects (usually difficult to be initially funded by NIH agencies). Especial focus on Centers without significant resources or Laboratory settings.
- Give support to the "Bill Polzin's Seed Award" (50k) to start Pilot projects and generate enough preliminary data to apply for official funding.
- Help to implement or test new technology in the Fetal therapy field by using NAFTNet networking and enhance multicentric studies.
- ✓ Be an "interface" with FDA. Help in regulatory processes.
- ✓ Ask large NIH GRANT to develop fetal surgery DEVICES/materials w/industry



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we wait for Mousits
Thoughts and proposals