



Paritic

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760 Parkside Ave.
Downstate Biotechnology
Incubator
State Univ. of New York
Brooklyn, NY 11226

Financing:

Sought: \$5M
Use: marketing & sales

Team and Advisor:

Yale Ji, President & CTO
over 20 years of
experience in software,
medical devices and
holding multiple patents

Kevin Barrett, Operation
over 30 years of
experience in medical
devices

Cindy Pacheco. Roe, MBA, Marketing & Sales
nearly 20 years of
marketing and sales
experience in Terumo
Interventional
systems, Cook Group Inc.

**Constantinos Sofocleous
Medical advisor, MD**
Memorial Sloan
Kettering Cancer Center
and Weill Cornell
Medical College



Company Description:

Paritic develops surgical navigation systems for interventional procedures (such as biopsy, tumor ablation, etc.). Paritic is specialized in 3D medical imaging software; Image process algorithm; virtual reality; tracking technology.

Unmet Need:

The interventional procedures face a challenge that the view of anatomical tissues and the surgical needle are blocked by the skin. Using CT scan and ultrasound to guide interventional procedures are not perfect. The ultrasound image is two dimensional and the surgical needle tip is usually not clear with artifacts. The CT scanning can not be used during procedures in real time.

Product:

Paritic has developed a surgical navigation system, which provides a monitor, showing in real-time the virtual surgical needle with respect to the three-dimensional anatomical models of the patient, for surgeons to view and to guide the procedure. The surgical navigation system is composed of device hardware, software and disposal parts.

Advantage/Competition:

Compared with Medtronic, GE, Philips

- Accuracy is within 2mm vs. 7mm
- Easier to operate with preparation time of 3 min. vs. 15 min.
- Sensor-reusable, vs. disposal, save \$1000

IP/Legal Barrier:

Software copyright

more than 10 Patents (allowed, pending) in US, Canada, Japan, EU and China

FDA cleared already, CE Mark starts in 2021, China FDA pending

Our navigation systems have been evaluated/used clinically in several hospitals.

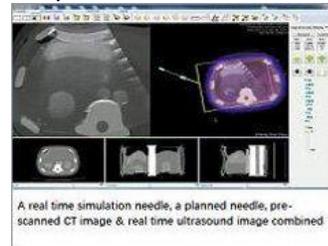
Market Opportunity:

Revenue model: per navigation system (\$50,000); per procedure's disposal parts (\$100); annual software license (\$2500).

\$5 billion market for 100,000 hospitals to buy navigation systems; \$2 billion market for procedure's disposal parts every year.

\$ 250M for software license every year.

Marketing Strategy Partner with device companies, such as interventional surgical instruments; surgical robots; CT scans or Ultrasound systems. Possible acquired by them.



A real time simulation needle, a planned needle, pre-scanned CT image & real time ultrasound image combined