

**JOB OPENING: CLINICAL APPLICATIONS ENGINEER**

**Job Description:**

Bioengineers: Use your skills to help train physicians treat tumors non-invasively with InSightec's ExAblate MR guided focused ultrasound surgery (MRgFUS) device. Here's an opportunity to use your knowledge and skills in biomedical engineering, imaging, and medical devices beyond the scope of experiments by working with an exciting, new technology. Join a medical device start-up company with cutting-edge technology and have a chance to work with renowned physicians, scientists, and engineers around the world.

The Clinical Applications Engineer will provide technical advice and clinical assistance to physicians and medical staff during patient treatments with the ExAblate. (The ExAblate has been awarded the Wall Street Journal's 2004 Bronze Medal technology award and was approved by the FDA in October 2004 for the treatment of uterine fibroids). As assigned, this person will be responsible for providing case support and training sessions (both classroom and hands-on) on an on-going basis. The successful candidate will be working in hospital, outpatient clinic, and research environments.

The ideal candidate will be a Bioengineer with teaching and leadership experience in imaging. Experience in using GE MRI systems is desired. Responsibilities include instructing physicians and technologists how to use ExAblate specific MR protocols and teaching basic MR and ultrasound physics, safety, and terminology. Candidates who have experience working with researchers, physicians and patients will be preferred. The ideal candidate will also be technology savvy and enjoy working with breakthrough medical devices.

Clinical Applications Engineers must be able to relate well with medical professionals (Research Scientists, Gynecologists, Surgeons, Radiologists, and Oncologists), have a good understanding of clinical research, have good technical and clinical writing skills, and be willing to travel. The Clinical Applications Engineer may also be involved FDA trials, training the physician on the trial, and collecting and analyzing data.

**Ideal Candidate Qualifications:**

- Bioengineer (B.S.) with 3-4 years of medical device experience (or advanced degree).
- The candidate should be able to teach technical concepts to physicians and clinical staff.
- The candidate should ideally have experience with the GE SIGNA MRI, basic understanding of operating the MR system and the different pulse sequences and their uses.
- The candidate should have excellent communication (written and oral), analytical and organizational skills.
- Computer experience: High proficiency with computers as a productivity/ documentation tool. Skills required include high proficiency in Microsoft Word, Excel, Outlook, and Powerpoint, basic knowledge of graphic tools (Photoshop, Publisher, etc...) , and the ability to create effective training materials.
- Must have strong presentation experience and skills in training and teaching technical concepts.
- Must be team oriented with a project ownership mentality.
- Should be willing to learn and grow in a very dynamic and creative environment.



**Company background:**

InSightec is a company with offices in Dallas, Texas, and headquarters in Haifa, Israel. InSightec is committed to improving the clinical and cost effectiveness of non-invasive therapy with the development of MR guided Focused Ultrasound (MRgFUS). The system uses focused ultrasound energy to thermally ablate tissue inside the body. It is fully integrated with a GE SIGNA MR system to provide the capability for real-time treatment planning and control. The InSightec system, the ExAblate<sup>®</sup>2000, is the first FDA approved focused ultrasound system and the first system in clinical use where the visualization of MR imaging, and the non-invasive therapy of focused ultrasound have been combined in a single, integrated system for patient care.

**Details:**

Job Type: Full Time  
Location: The position will based in Dallas, TX  
Travel: 80% including some international travel  
Salary: Competitive - to be determined based on qualifications and experience.  
Start Date: We are looking to fill this position once we find a suitable candidate.

**Candidate must be legal for employment in the US.**

**Contact Information:**

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**Please visit our website**

**[www.insightec.com](http://www.insightec.com)**

**For more information on InSightec.**