

# Brainlab

**Brainlab** is a global company that provides innovative solutions in [medical technology](#), focusing on image-guided surgery, radiosurgery, and radiotherapy. The company specializes in software-driven medical devices that are primarily used in surgical navigation and precision radiotherapy for the treatment of cancers and other conditions, particularly within the fields of neurosurgery, orthopedics, and radiation oncology.

Founded in 1989 by **Stefan Vilsmeier**, Brainlab's products integrate medical imaging, surgical planning, and precise treatment delivery to improve outcomes for patients. Some key offerings from Brainlab include:

- 1. Surgical Navigation Systems:** These help surgeons plan and execute operations with real-time imaging, offering better precision in complex procedures, especially in neurosurgery.
- 2. Radiosurgery Solutions:** Their systems, such as the ExacTrac® Dynamic, provide image-guided radiotherapy, enabling highly precise treatments for cancer patients with minimal damage to surrounding healthy tissues.
- 3. Digital O.R. Integration:** Brainlab offers digital systems that streamline the operating room, integrating imaging and navigation to support surgeons in various procedures.
- 4. Data-Driven Tools:** Brainlab provides data analysis and management tools for hospitals, ensuring that surgeries and treatments are aligned with the latest in medical research and technological capabilities.

Brainlab operates in over 100 countries and collaborates with healthcare providers and hospitals globally to deliver solutions that enhance the precision and safety of surgeries and treatments.

For more details on their products and services, you can visit their [official website](<https://www.brainlab.com>).

## Products for neurosurgery

[Curve Image Guided Surgery](#)

[Kick Purely Navigation](#)

[Airo Mobile Intraoperative CT](#)

[Buzz Digital O.R](#)

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