Introducing the TrueBeam™ STx system with Novalis® Radiosurgery.
For the best minds in radiosurgery.

TrueBeam STx with Novalis Radiosurgery.

As radical as the best minds in radiosurgery, the TrueBeam STx system with Novalis Radiosurgery expands the boundaries of traditional surgery. These revolutionary tools created by Varian Medical Systems and Brainlab—world leaders in radiosurgery—seamlessly integrate and choreograph powerful imaging and treatment systems. The combined technologies—each heralded for accuracy and precision—now extend the power of surgeons to treat a variety of clinical targets in more patients than ever before with a noninvasive surgical beam. In the hands of the forward-thinking surgeon, it changes everything.
Expand your practice with innovative new treatments.

The high precision, accuracy and visibility of TrueBeam STx with Novalis Radiosurgery give you what you need to eliminate even complex tumors. With such unsurpassed technology in your hands, you gain the ability to expand your practice by treating in new and innovative ways.

Now, you can spare more surrounding critical structures and deliver more ablative treatments with leading-edge delivery of stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT). These techniques are enhanced by a wide variety of sophisticated imaging technologies for optimal visualization of the tumor and surrounding healthy tissues. You can deliver extremely high doses of radiation from many directions precisely and efficiently to destroy a focused target.

Frameless radiosurgery offers flexible treatment protocols combined with intelligently decoupled treatment steps—Scan/Plan/Treat—offering benefits to both neurosurgeons and patients.

System intelligence gives you control.

The heart of the TrueBeam STx system with Novalis Radiosurgery contains powerful new hardware and software that seamlessly choreograph the technology’s motion, precision and image guidance.

You deliver treatments with a precise surgical beam, ideal for submillimeter targeting. It enables treatments of previously untreatable tumors. With a volumetric CT on a radiosurgery platform, you have exceptional image guidance. For tumors that move with respiration, you can now pulse the beam on and off in precise synchrony with respiration, thereby treating what you planned to treat.

These motion-managed, image-guided treatments help you increase system efficiency so you can treat more patients than ever before.

Pre-treatment to post-treatment: you’re in control.

Your multidisciplinary team works efficiently and easily thanks to TrueBeam STx with Novalis Radiosurgery.

- Predefine radiosurgical protocols
- Remotely plan and review treatments
- Retain control throughout the radiosurgery treatment and beyond

It’s all made possible by a powerful suite of intuitive software tools that allow you to conveniently work from your own surgical environment.
Case examples

- **BRAIN**
  - MULTIPLE METASTASES TREATED WITH SRS

- **BRAIN**
  - ACOUTIC NEUROMA TREATED WITH SRS

- **BRAIN**
  - TRIGEMINAL NEURALGIA TREATED WITH SRS

- **BRAIN**
  - GLOMUS JUGULARE TREATED WITH SRS

- **SPINE**
  - SPINE METASTASIS TREATED WITH SRS

- **LUNG**
  - STAGE-I NON-SMALL CELL LUNG CANCER TREATED WITH SBRT

- **LIVER**
  - HEPATOCELLULAR CARCINOMA TREATED WITH SBRT

- **PROSTATE**
  - PROSTATE ADENOCARCINOMA TREATED WITH SRT

Case examples are examples of targets that can be treated using the TrueBeam STx system with Novalis Radiosurgery.
### Product Features

#### Treatment Beam

1. **High-Definition 120 MultiLeaf Collimator (HD120 MLC)**
   - Unmatched precision—The finest leaves for the widest range of applications.

2. **X-Ray Energies**
   - Tailor treatments for each patient—Up to seven X-ray energies let you tailor treatments, particularly suited to deep-seated tumors.

3. **High-Intensity Mode**
   - Maximizes radiosurgical efficiency and precision—Deliver treatments 2-4 times faster with a dose delivery rate that is double the output of most other radiosurgery.

#### Treatment Imaging

4. **Cone-Beam CT (CBCT)**
   - See volumetric soft tissue anatomy during radiosurgery with kilovoltage 3D cone-beam CT images. Acquire hundreds of CT slices in less than a minute.

5. **MV Imaging**
   - See what you’re treating while you’re treating from the perspective of the treatment beam, almost as though the beam is a virtual blade.

6. **kV Imaging**
   - Fast room-based imaging at any couch angle—Confirm tumor location with 2D images prior to treatment or at multiple intervals during treatment.
   - Fluoroscopic imaging facilitates temporal tissue assessment for greater target positioning accuracy.

#### Treatment Management

- **Integrated Software Tools**
  - The Eclipse™ treatment planning system enables the use and operation of RapidArc® for SRS and SBRT.
  - iPlan® treatment planning software offers clinicians a precise and simple process for completing the most SRS and SBRT sophisticated plans.
  - iPlan® Net remote treatment planning software establishes a system for collaboration between team members and fosters informed decision making.
  - The ARIA® oncology information system provides for offline and remote treatment management.
The TrueBeam STx system with Novalis Radiosurgery: designed with visionaries in mind.

There are individuals who aspire to do more and do it better for the advancement of radiosurgery. The TrueBeam STx system with Novalis Radiosurgery was designed for these leaders. Visionaries who, throughout their careers, have pushed the boundaries of the possible. Visionaries like you.