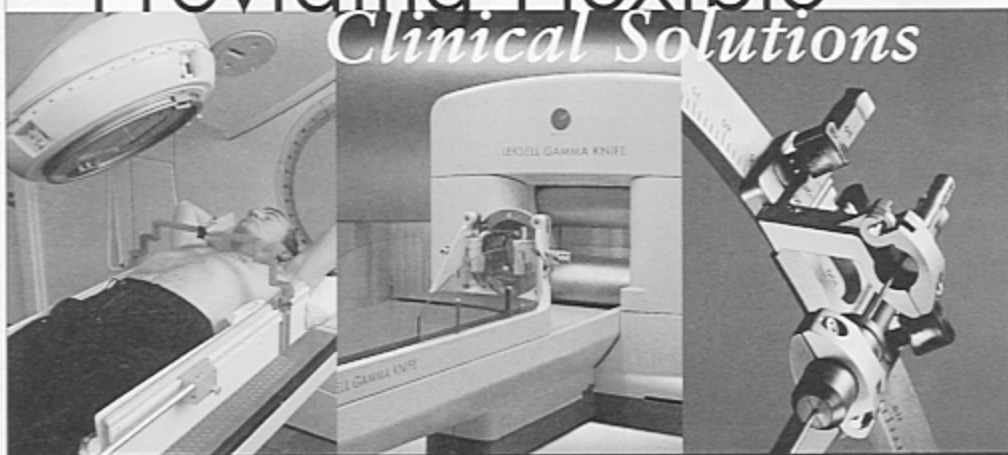


Elekta provides solutions  
for advanced treatments in  
neurosurgery and radiation  
oncology

## Providing Flexible *Clinical Solutions*



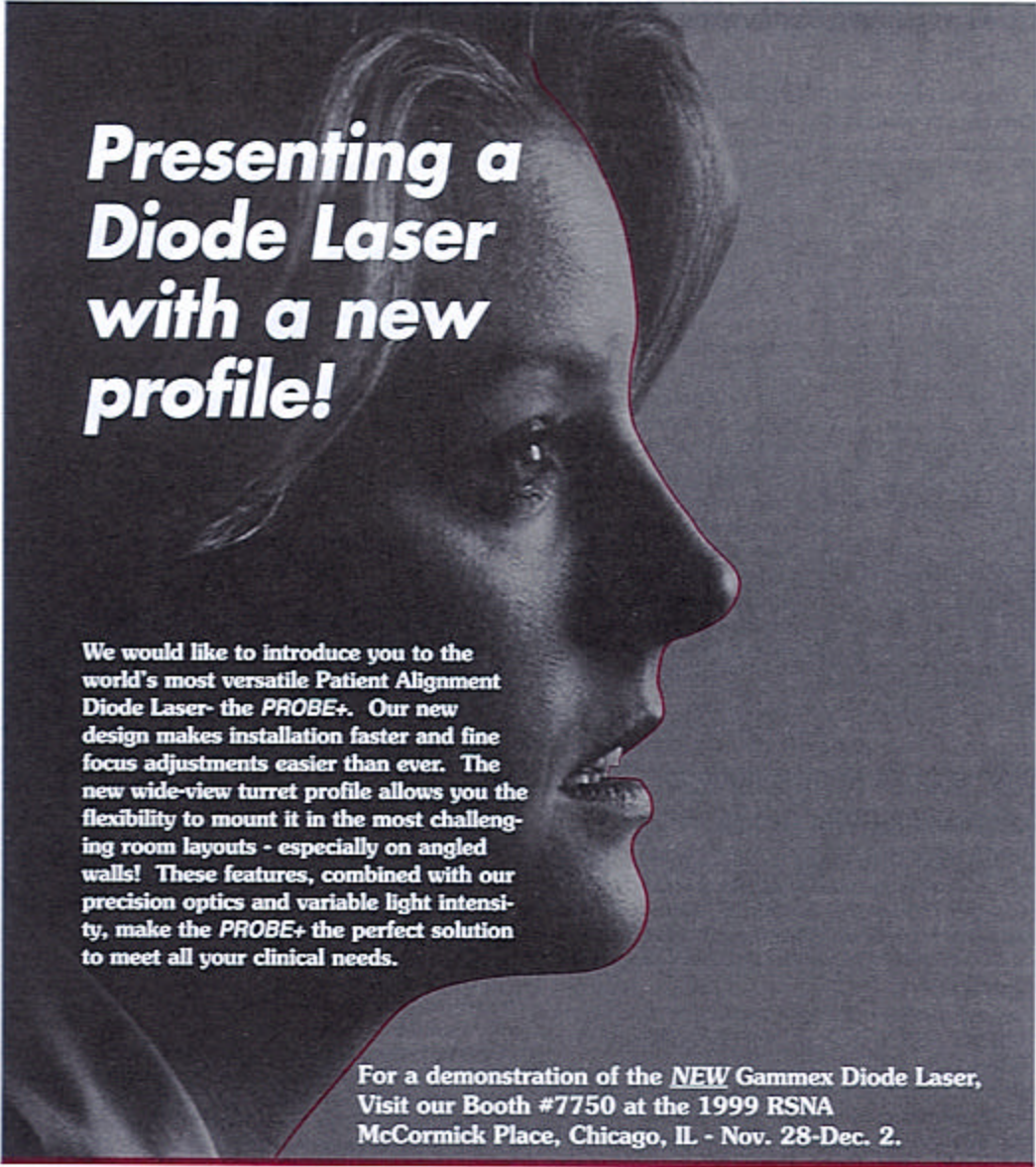
Building on its strength in the precise delivery of radiation and 3-D spatial referencing, Elekta provides a unique path from conventional radiotherapy, through Linear accelerator based conformal and stereotactic treatments, to the Leksell Gamma Knife for radiosurgery.

Elekta is a world-leading international provider of advanced and efficient medical technology and treatment solutions to benefit the patient, the physician and society.

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We would like to introduce you to the world's most versatile Patient Alignment Diode Laser- the *PROBE+*. Our new design makes installation faster and fine focus adjustments easier than ever. The new wide-view turret profile allows you the flexibility to mount it in the most challenging room layouts - especially on angled walls! These features, combined with our precision optics and variable light intensity, make the *PROBE+* the perfect solution to meet all your clinical needs.

For a demonstration of the **NEW** Gammex Diode Laser, Visit our Booth #7750 at the 1999 RSNA McCormick Place, Chicago, IL - Nov. 28-Dec. 2.

For more information about Gammex Lasers call our sales professionals today at 1-800-GAMMEX 1 e-mail us at [sales@gammex.com](mailto:sales@gammex.com) or visit our web page at [www.gammex.com](http://www.gammex.com)

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*in Laser Alignment*

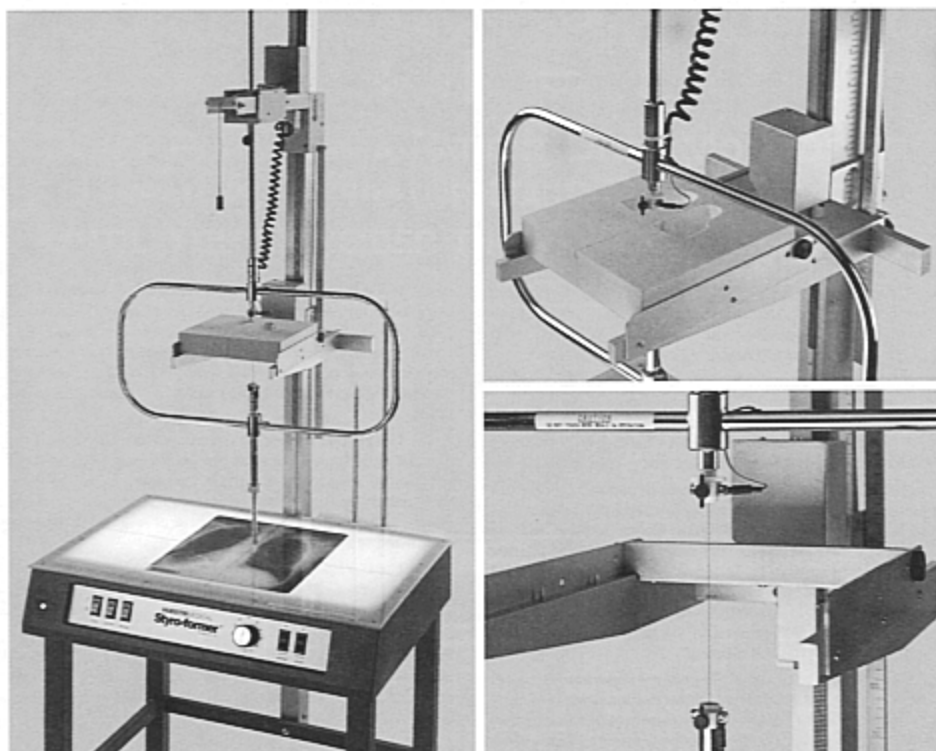


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## NEW Styro-former® Power Lift LT A Fresh Cut on a World-Proven Favorite



Treatment areas are easily traced with a free-moving stylus. A rigid, heated cutting wire follows the traced pattern for a clean block cut.

Our newest Styro-former® shielding block mold cutter combines fresh features with the precision accuracy of a world-proven, industry favorite.

- Panel mounted motor drive controls provide quick height adjustments.
- Position measurements are easily read directly from the vertical column.
- Easily adjustable thumb screws allow quick cutting wire changes.
- Convenient storage bin holds up to three tracing tips.

Styro-former Power Lift LT uses the same rigid box frame and nichrome cutting wire that have made Styro-former the world's most popular block cutter. This proven design ensures that the cutting wire is precisely aligned with the source point and block tray. Styro-former offers the features you need at the price you want. Call today for a fresh look at a quality leader.

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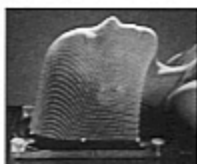
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PATIENT POSITIONING & FIXATION

# MULTIPLE SOLUTIONS

for patient positioning and custom blocking to meet today's treatment challenges for accurate, repeatable setup and delivery



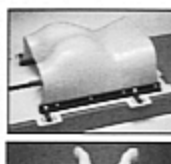
**Head and neck fixation**

Accurate, reproducible positioning and immobilization for irradiation of tumors in the head and neck region is particularly important. MED-TEC offers a complete range of multiple solutions to assist with these treatment challenges. Our thermoplastic-based systems come in a variety of models, including standard, fitting, prone and lateral specialties, "shape and mold" systems, the FAST FIT system for fusing CT and MRI image sets in treatment planning and delivery, and our exclusive McLaughlin carbon fiber arch and plastic stabilization arch for enhanced fixation.



**Breast and thorax positioning**

Choose from our broad offering of breastboards, Wing Boards, arm positioners, vacuum cushions, and two-part foam for comfortable, accurate positioning of the breast, thorax, and upper abdomen.



**Hip & pelvic fixation**

We offer a multitude of solutions for positioning and immobilization for hip and pelvic treatments. Our thermoplastic-based HipFix system provides accurate, reproducible setup for prone and supine treatments. We also offer Vac-Lok vacuum cushions specifically for prostate treatments, plus RadOpen two-part foam and a Belly Board.



**Drape & Mold system**

The new "drape and mold" system is designed to minimize stretching of the thermoplastic, providing rigid support for head fixation. Can also be used with a head stabilization arch for additional rotational stability.

**NEW!**



**Positioning lasers**

MED-TEC's Stratus™ and Apex™ lasers are designed with high-precision, dependable optics systems for a bright, sharp line. Fine, sub-millimeter horizontal and vertical adjustments allow our lasers to be aligned with a high degree of accuracy. Plus... the Stratus laser is now available with a green diode in addition to our standard red.



**Decology foam and shielding alloy**  
MED-TEC offers guaranteed lowest prices on in-room consumables, plus quick delivery and dependable quality. You can order on-line at [www.medtec.com](http://www.medtec.com) and save even more.



**Block casting systems**

A quality shielding block with no cavitation is essential to accurate dose delivery. Our selection of casting systems offers state-of-the-art alloy melters, refrigerated cool plates with built-in vibrators, plus tray storage and air ventilation systems.



**Manual and automated block cutters**

From accurate and affordable manual hot-wire cutters, to the highly-efficient and precision-engineered Auto 2D automated foam block cutter - we provide the solutions to increase block quality and improve labor

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for quality assurance, dosimetry, alignment, and LDR brachytherapy equipment and accessories

MEDICAL PHYSICS TOOLS



#### Beam scanners and accessories

MED-TEC offers a complete range of water phantoms and beam scanners to meet your requirements and your budget. From our cost-effective water tank with manual or motorized depth dose apparatus, to our QuickScan 2D scanner, to the QRS brand 3D modular dosimetry system - you will find what you need for beam quality assurance in your radiotherapy department.



#### Mechanical alignment

We offer exclusive alignment tools like our Iso-align device (shown here), our RADAC-2100, and our Laser Positioner to provide your department with quality control you can count on.



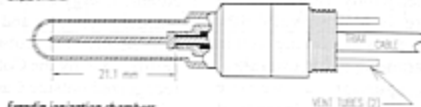
#### Patient dosimetry

Our Patient Dose Verification system uses tiny MOSFET dosimeters to verify radiation dose to the patient.



#### Dose compensators

Dose compensators, taking tissue inhomogeneities into account, can now be designed by most 3D treatment planning systems. Compensating filter data sets are easily imported into the AutoComp™ computer for direct milling of positive or negative molds of any of several materials of your choice.



#### Eradim ionization chambers

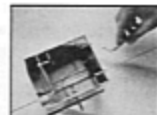
Eradim is a global, trusted name in ionization chambers, and MED-TEC is proud to be their exclusive distributor. Eradim chambers are available for a wide range of dosimetric measurements for beam calibration, quality assurance, dose assessment, depth dose studies, and more. Ask about our complete line of ion chambers to meet your specific needs.

**NEW!**

#### IMRT phantom

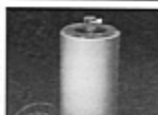
Designed to verify complex dose distribution and IMRT delivery, this exclusive new QA phantom supports multiple dosimetric methods in a highly versatile and accurate manner. Contact your MED-TEC account representative for information.

BRACHYTHERAPY



#### Speedloader seed loader

For safe, efficient and accurate loading of brachytherapy implant needles. This exclusive seed loader can be used with our Seed Shuttle for real-time needle loading, or with standard hub-style pre-loaded needles.



#### Well chambers

MED-TEC offers multiple solutions in well chambers for fast and accurate measurement and verification of HDR and LDR radioactive isotopes.

#### Supplies & accessories

We are your complete source for needle storage and QA, straws, drains, probe covers, spacers, and virtually all supplies needed for brachytherapy implants.



#### Implant needles

We offer top quality and competitive pricing on our prostate seeding sets. Standard pre-loaded implant needles as well as "Mick-style" needles available.

#### Prostate steppers

The AccuSeed™ stepping and stabilizing system for prostate seed implants was designed to improve seed placement, save time, and be easy to use.

Plus, ask about the new AccuSeed 3D Pro, a computer-controlled stepper that works with treatment planning systems to capture a two-dimensional ultrasound image data set that is then converted to a true 3D image of the prostate.



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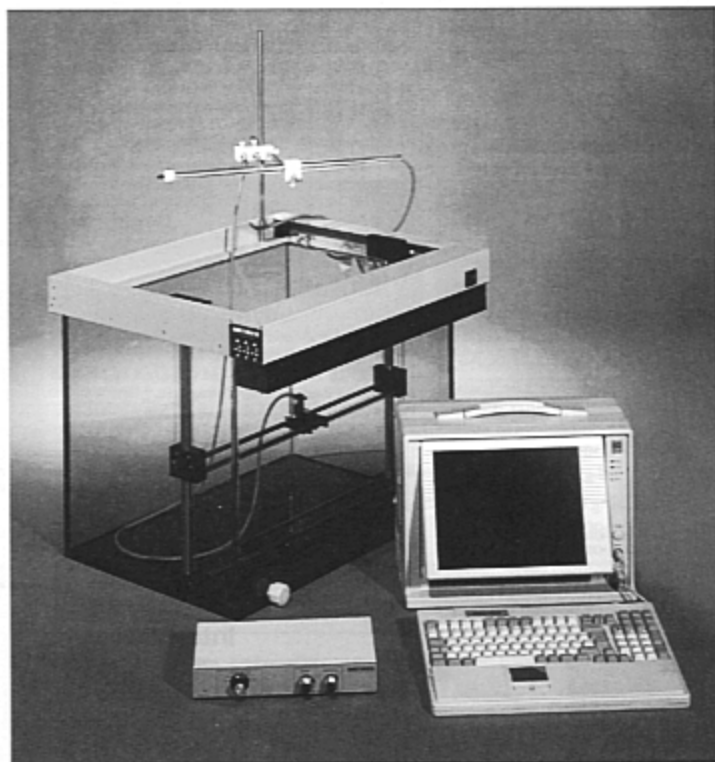
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- Contact your local Multidata oncology products supplier for details.

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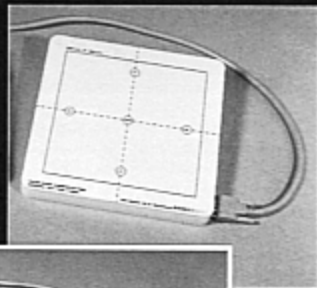
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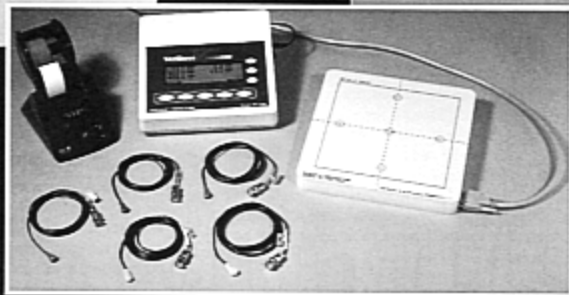
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## Prostate Brachytherapy

Seed Handling and Loading Instruments ■ *Fast with Minimal Exposure*



### NEW SeedVac™

- Fast loading of needles and cartridges, loads 2-3 needles or cartridges per minute
- Significantly reduces exposure
- Verify sequence prior to placing seeds into needles
- Loads <sup>125</sup>I RAPID Strand into needles



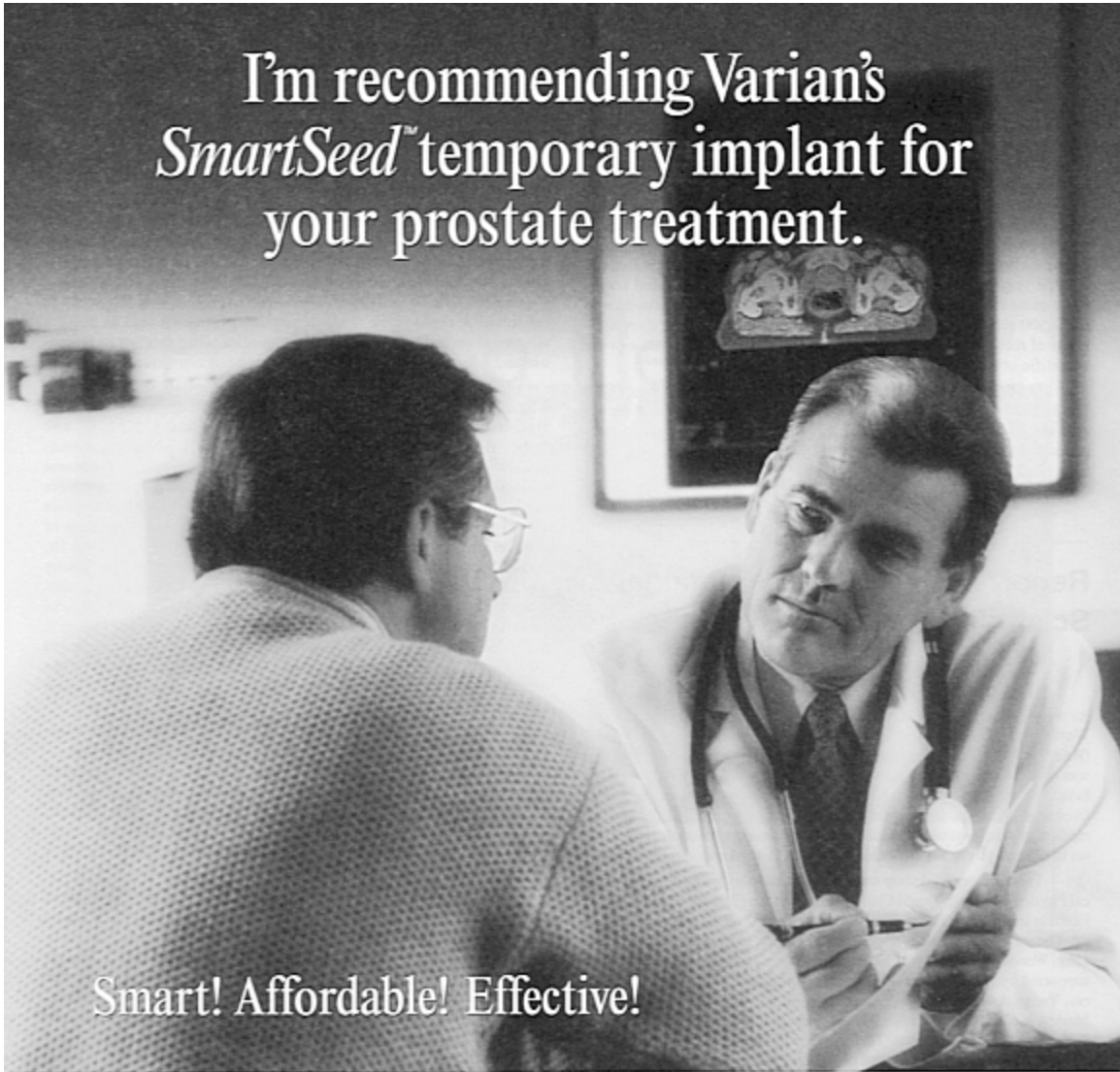
### NEW Needle Loading Platform and Shield

- Convenient workstation for loading seeds
- Excellent shielding
- Needles conveniently positioned for autoradiograph



### Seed Slider™

- Horizontal loading method, eliminates risk of dropping seeds
- Radiation protection, all seeds are stored in Seed Sterilization and Sorting Tray until accessed as needed
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