



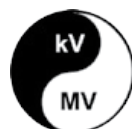


THE kVue IGRT COUCHTOP

One couchtop, multiple treatment solutions

The kVue is a state-of-the-art radiotherapy couch top that is optimised for the most recent advances in treatment and imaging technology. The kVue is designed for superior performance when used with kilovoltage imaging, such as cone beam CT, while simultaneously reducing skin dose for treatments that pass through the couchtop. This, combined with the ability to replace the kVue Standard Couchtop Insert with modular immobilisation devices, makes the kVue the most complete and versatile IGRT couch system available today.

- Wide variety of interchangeable inserts to form one versatile couchtop device
- Quickly and easily secure couchtop inserts with OneTouch™ latch system
- Low attenuation and surface dose
- Virtual Indexing ensures precise, repeatable patient positioning every time
- Minimal artifacting under Cone Beam CT



kVue IGRT COUCHTOP BASEFRAME

kVue STEALTH BEAMS™

Reduce attenuation & surface dose

The kVue Couchtop includes our Stealth Beam Technology. The Stealth Beam design virtually eliminates the artefacts that are usually associated with beam-style couchtops. This new beam design also reduces attenuation and surface dose when treating through the support beams.

MOVING BEAM TECHNOLOGY

Positioned to avoid critical structures

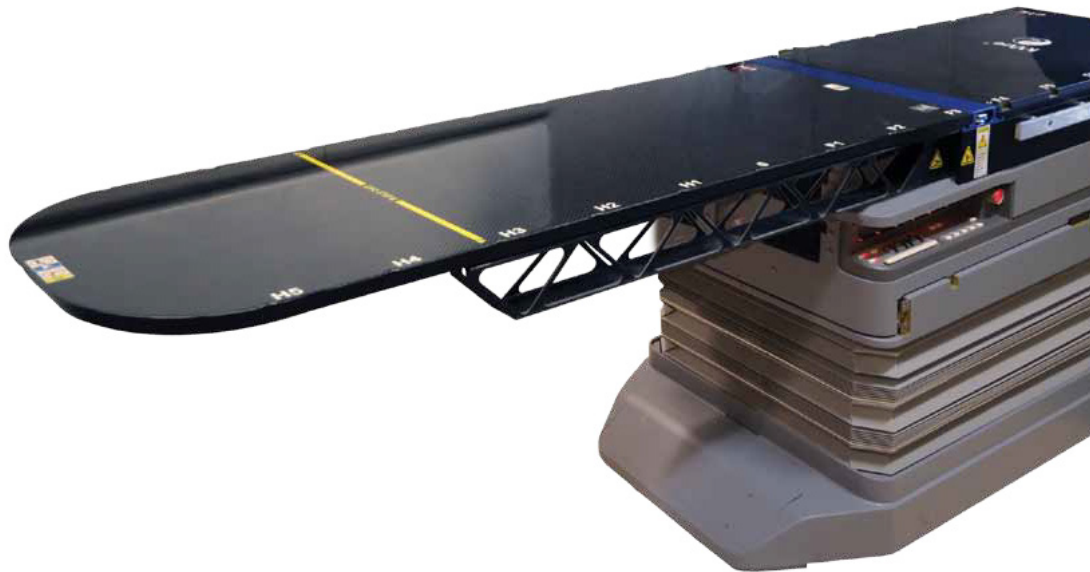
The kVue is designed with moveable carbon fibre support beams. With most kVue inserts, the support beams can be laterally repositioned with the patient on the couchtop.



ONETOUCH™ LATCH

Allows secure interchanging of the insert

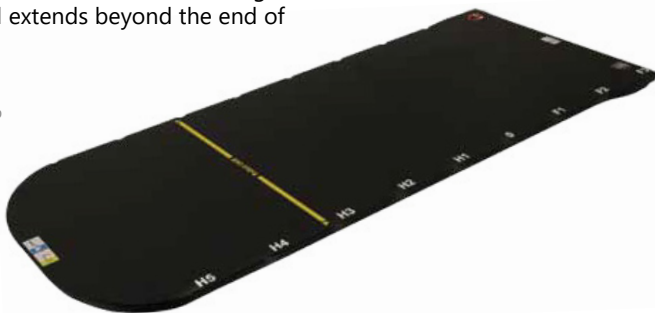
The kVue features the exclusive OneTouch™ Latch, which allows an array of kVue inserts to be quickly attached and easily secured with zero movement for a variety of treatment solutions. The kVue inserts provide the functionality of an integrated device, enabling precise, repeatable sub-millimetre patient positioning every time.



kVue STANDARD INDEXING INSERT

The kVue Standard Couchtop Insert is a versatile insert for everyday treatments. The standard insert is stiffer than grid inserts to prevent sagging and extends beyond the end of the beams.

Length: 1325 mm
 Aluminium Equivalence: ~0.6 mm @ 100kVp
 Water Equivalence: 6 mm @ 6 MV
 Weight Limit: 249 kg (550 lb)
 Uniformly Distributed Load



VIRTUAL INDEXING™

Fiducial markers ensure accurate positioning

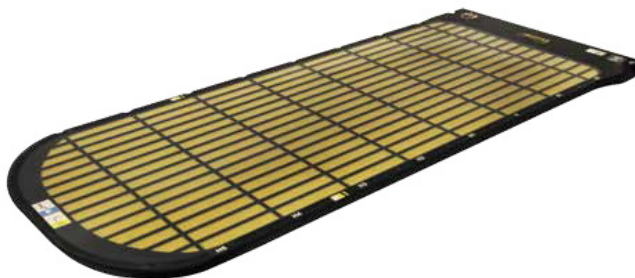
Virtual Indexing provides a way to quickly ensure that the treatment couch is in the same position as the simulation couch by using an array of white fiducial markers that are placed down the centre of the couch. A second array of adjacent diagonally offset fiducial markers are used to designate the superior or inferior location of the markers in relationship to the indexing origin.



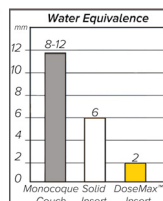
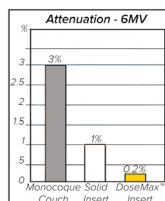
kVue DoseMax INSERT

The advanced kVue DoseMax Insert is the optimal choice for delivery of very high dose radiation with minimal skin dose. It is the lowest electron generating couch top surface available that combines the rigidity of a solid panel insert with skin sparing properties comparable to a grid insert.

Length: 1325 mm
Water Equivalence: 2.0 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



- Lowest attenuating rigid couch top surface available
- Laser alignment scales with indexing every 70 mm



kVue SBRT BRIDGES

The DoseMax™ can be used in conjunction with the new kVue™ SBRT Bridges for setting up complex stereotactic body radiation therapy (SBRT) treatments.

kVue Stradivarius SBRT INSERT

The Stradivarius™ SBRT system is a complete solution for hypofractionated noncoplanar treatment. The hour glass design allows for unobstructed treatment paths. Bridges are available in two sizes and are adjustable in height. The abdominal compression paddle, designed to reduce thoracic movement, is also fully adjustable.

Length: 1320 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue Access 360 PRONE BREAST INSERT

The kVue Access 360 is designed to allow breast cancer treatment for both left and right breast. By positioning the patient over the breast opening, beyond the support rails, it enables maximum visual and treatment access to the breast. This insert also provides access to treat the superclavicular nodes in the same setup.



kVue Cantilever HEAD & NECK INSERT

The AccuFix Cantilever Board is designed to immobilise the head, neck and shoulder regions. It is intended to provide optimum localisation for the patient in the supine and prone positions.

Length: 1368 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue Portrait HEAD & NECK INSERT

The kVue Portrait Insert provides superior immobilisation for a variety of brain, head and neck radiotherapy treatments. The Portrait can be used with a variety of S-frame thermoplastic masks and head supports and accommodates supine and prone setups for patient specific treatments.

Length: 1328 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue PentaFix HEAD & NECK INSERT

The kVue PentaFix Insert offers patient immobilisation using 5-point fixation masks.

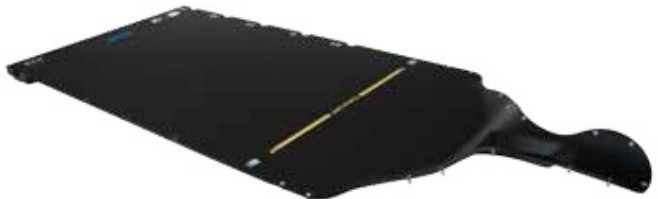
Length: 1325 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue BoS Headframe INSERT

The kVue BoS Insert is specifically designed to meet the requirements of proton therapy for patient immobilisation and beam transmission. The contoured design minimises the distance between the patient and the field defining aperture, optimising the beam proton penumbra.

Length: 1325 mm
Weight Limit: 159 kg (350 lb)
Uniformly Distributed Load



kVue Short INSERT

The kVue Short Insert is a shorter flat panel insert that allows the couch top to be retracted far enough away from the gantry to extend a cantilevered headboard under the isocentre.

Length: 959 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue Universal TIP INSERT

The kVue Universal Tip Insert allows mounting of QA and treatment devices. It provides universal mounting capability for all Varian Exact® style tip accessories.

Length: 950 mm
Aluminium Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit:
38.5 (85 lb) @ 25 cm extended from front edge
249 kg (550 lb) Uniformly Distributed Load over kVue Insert and Back Panel



kVue Service PANEL

The Service Panel is designed to sit on top of any couch top that uses Varian Exact® indexing. When placed on top of the couch top, it protects the surface during activities such as routine Linac maintenance and water phantom tank calibration.



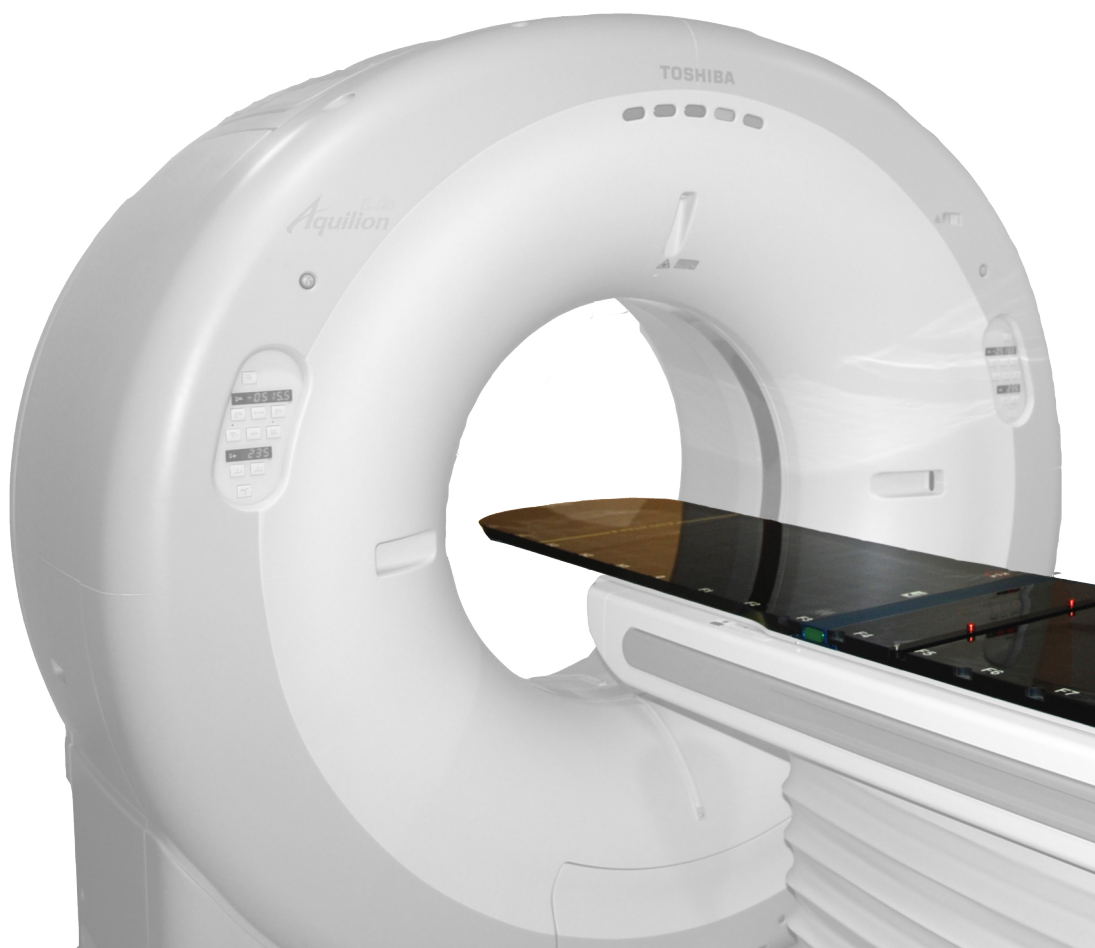
kVue Storage CART

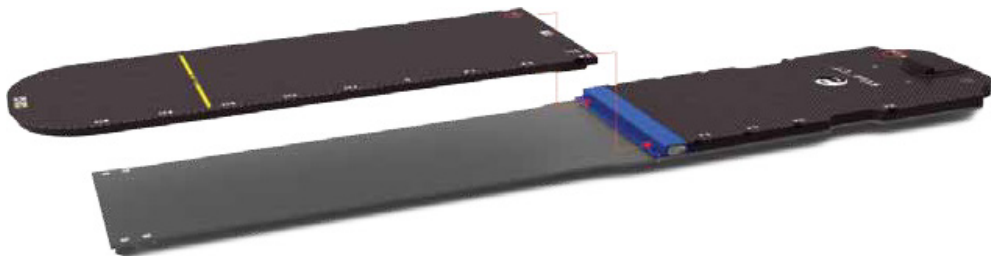
The kVue Storage Cart stores couch top inserts and devices to help organise your treatment room. Lockable caster wheels allow you to roll the cart up to the couch top.



kVue CT OVERLAY

Complete simulation-through-treatment options





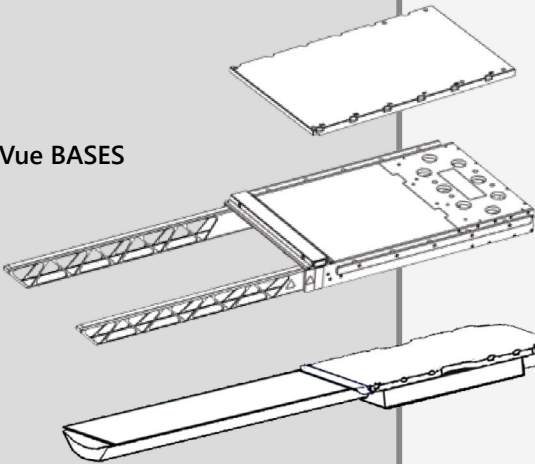
The kVue CT Overlay provides new possibilities for simulation and planning. The kVue CT uses the upper 25 mm of the kVue Treatment Couch top and accepts the same couch top inserts. Therefore it has the same geometry and dosimetric properties as the kVue Couch top.

During treatment and planning, you no longer have to estimate a correction factor for the attenuation (and electron generation) caused by the treatment couch top. The couch top and devices are now in your planning data set.



kVue PRODUCT MATRIX

kVue BASES

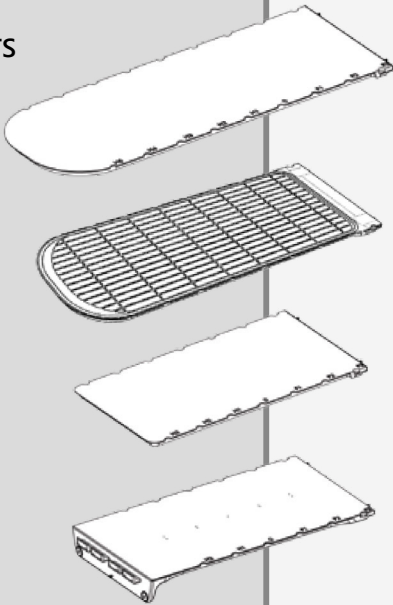


kVue Back Panel
RT-4551KV0

kVue IGRT Couchtop Baseframe
RT-4551KV

kVue CT Base
RT-4551KV

kVue INSERTS



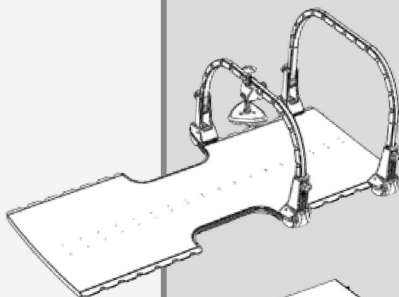
kVue Standard Insert
RT-4551KV1

kVue DoseMax Insert
RT-4551KV1

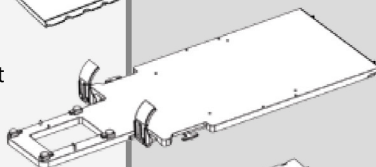
kVue Short Insert
RT-4551KV2

kVue Universal Tip Insert
RT-4551KV2

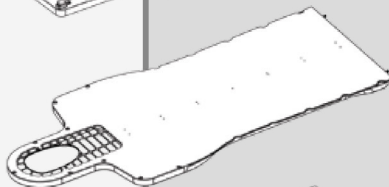
kVue Stradivarius SBRT Insert
RT-4558KV



kVue Cantilever Head & Neck Insert
RT-4525KVL



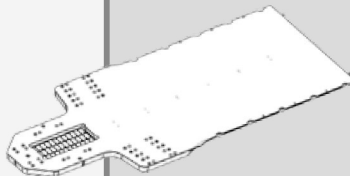
kVue Portrait Head & Neck Insert
RT-4552KV



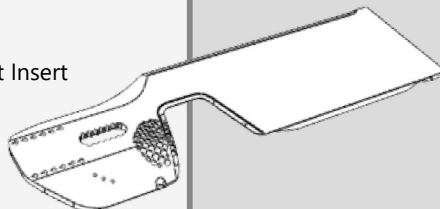
kVue BoS Headframe Insert
RT-4535KVBOS



kVue PentaFix Insert
RT-4549KV



kVue Access 360 Prone Breast Insert
RT-4544KV



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Exact is a trademark of Varian Medical Systems.

