VERT — The Flight Simulator for Linacs
The Advantages of a Virtual Linac over a Real Linac

Student training in a safe, comfortable and pressure free environment. VERT is an innovative and highly visual teaching tool, proven to enhance learning. Over 100 systems installed in more than 20 countries, including over 20 leading centres in the US and Canada.

- Train on the latest equipment, by changing Linacs at a click of a button.
- Visualize internal anatomy, organs at risk and CT data.
- Demonstrate the latest techniques such as RapidArc, VMAT, DIBH and SBRT.
- Low running and installation costs.
- Use your own treatment plans to demonstrate local techniques.
- Students are able to see their own plans with no radiation risk.

VERT closes the gap between learning and practice
What is VERT used for?

Student education and technique development
- Practise on a wide range of patient set-ups.
- Change your Linac at the touch of a button to expand knowledge and skills.

Educating health care professionals
- VERT enables health care professionals outside of radiation therapy to better understand radiation therapy principles.

Demonstrating theoretical concepts in Radiation Therapy
- Help teach the fundamentals of radiation therapy, using phantoms and sample datasets.

Patient and Public Education
- Help patients understand radiation therapy treatment and its side effects.
- Show the public the workings of a Linear Accelerator at a time that suits them; without disturbing the workflow of a machine.

Study cross sectional anatomy
- Visualize structures and contours within the body to enhance the teaching of anatomy.
- View CT slices on three planes, with cross-sectional contours.

View 3D internal anatomy
- Immerse yourself in 3D to enhance visualization of internal structures and anatomy.

Visualize dose
- See the dose coverage of the target volume using a dose cloud and the effects of misalignment.
- Visualize dose over 100% to determine hotspots in treatments.

VERT enhances your training and educational programs
For further information please visit www.vertual.co.uk or email info@vertual.co.uk