



# Patient Information using Virtual Linacs The Patient Perspective



## Benefits

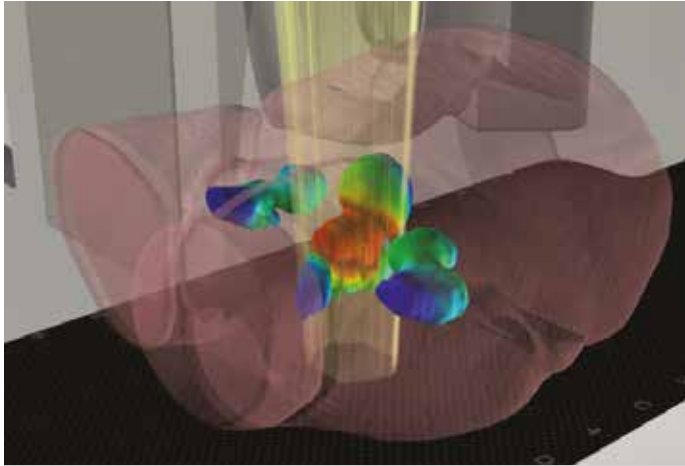
- Make each patient a partner in their own care.
- Proven to reduce the initial 'fear' of treatment for patients, family and friends.
- Improve compliance for bladder filling and deep inspiration breath hold.
- Explain complex radiation therapy concepts.

## In your Department

- Implement virtual reality into the pre-treatment patient pathway.
- Explain the treatment process to concerned family members during treatment.
- Improve understanding of side effects and the cause of side effects.

"This is an excellent opportunity to become involved with the treatment and a greater understanding helps to remove the "fear factor" (patient feedback in: Sulé-Suso J. et al. Radiography, 2015).





VERT™ - The flight simulator for Linacs. Explain the treatment procedure using a state of the art projection system.



PEARL™ - A Linac on your desktop, designed to be user intuitive and patient focused.

## What do the patients say?

“Until I met PEARL yesterday I was very fearful of my treatment, chemo = needles, surgery = no left breast, radiotherapy = I haven’t got a clue! The unknown is where the fear and ‘dragons lie’! PEARL explained it all to me and today I’m no longer scared. Thank you PEARL”

” Patient undergoing Breast treatment at Castle Hill Hospital, Hull, UK

“You listen as you are being told what Radiotherapy will do TO you. The exhaustive list of side effects, which 99.9% of us will experience 1 or more of them during the treatment. It feels daunting and a little overwhelming. PEARL is amazing. You can watch and see what Radiotherapy is doing FOR you, seeing inside the room, how the machine works, the sounds, a person lying on the table, how the beams work, the importance of a full bladder, what part it plays in the treatment and the opportunity to ask questions because now you can understand and see what’s going to happen”

” Patient undergoing Prostate treatment at Castle Hill Hospital, Hull, UK

“It would have been great to know that before. When I’m lying in the mask and can’t see anything, it’s nice to know what’s going on around me”

Patient receiving treatment at Aarhus University Hospital, Denmark

“Very impressive. I’ve got a better understanding of what’s going on with my husband”

Patient’s wife at Aarhus University Hospital, Denmark