

# PEARL™

## The Virtual Linac for Patients



**PEARL raises awareness, increases understanding and improves compliance.**

- Empower patients with an understanding of their treatment
- Creates a platform for discussion. Both patients and relatives are included and informed
- Show local plans and local techniques, using real DICOM data

“What do patients say?”

“The unknown is where fear and dragons lie...”

“WOW! The mystery from behind the mask is now explained. Congratulations and Thank you.”

“I found it extremely informative on why you should have an empty bowel and full bladder when having treatment.”

PEARL makes it easier for you to explain complex treatment techniques to patients, relatives and to referring clinicians.



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“It gives the patient added confidence in the treatment when you see how it is individually tailored.”

*A Patient undergoing Radiation therapy, Castle Hill Hospital, Hull, UK*

“The Linac was demonstrated very well and it was of great interest to my wife. I was able to see in detail the operation of the unit and the need to control the bladder and bowel!”

*A Patient undergoing Radiation therapy, Castle Hill Hospital, Hull, UK*

## Benefits for Patients:

- Patients control their own bladder filling and understand the reasons behind it
- Makes the patient a partner in their care
- Reduces the fear of the unknown

“To see the response from the patient when you explain what either is going to happen or indeed in our case what has been happening to them is amazing! New patients have found comfort in the actual sound and real time motion and have said they felt more prepared for what was going to happen.”

” *Michelle Hughes, Patient Information Radiographer, Castle Hill Hospital, Hull.*

## Benefits for Radiation Therapy Professionals:

- Service efficiency. PEARL can replace a one to one first day introduction for patients
- Explain bladder filling protocols before CT scan to reduce the need for rescanning
- Provide patient information either in a group setting or individually before treatment
- Explain compliance, positioning and treatment aims to patients who want more information or who may be struggling to comply with protocols

## Benefits for Relatives and carers:

- Better able to understand what the patient treatment involves
- Feel more involved and able to offer help and support