

Oncology Imaging Systems introduces new products for reduced toxicity in prostate radiotherapy

Oncology Imaging Systems are introducing two new products for the optimisation of prostate radiotherapy this year, manufactured by Hospimed International. The RectalPro Endorectal Balloon, Gold Markers and Pre-Waxed Needles have been designed to increase tumour control and eliminate unnecessary dose exposure during radiotherapy, both performing well in clinical trials.

The Rectalpro is a daily placement Endorectal Balloon that reduces ano-rectal toxicity during external beam prostate radiotherapy. Once inflated, the non-latex balloon pushes the dorsal rectal wall away from the prostate, helping to protect the rectal wall mucosa and anal sphincter from dose exposure. The ERB is a single-use device that is well tolerated, easy to apply and hygienic; it can be used in both 3D Conformal Radiotherapy (3D-CRT) and Intensity Modulated Radiotherapy (IMRT) for primary prostate irradiation and post-operative prostatic-bed irradiation.

Used in combination with the ERB, a gold marker based correction protocol improves delineation of the prostatic gland, greatly reducing day-on-day variation. Hospimed gold markers are clearly visible on MR scans and can be used for CT-MR fusion; the pure gold cylinders can be purchased separately or pre-loaded in a sterilized needle.

“We’re really excited by the combined effect these products will have on prostate patients”, said Steve Imber, Managing Director of Oncology Imaging Systems. “Using the ERB and gold markers together, can considerably improve treatment outcome and trials have already shown a 70% reduction in late rectal toxicity. This can only be a good thing for the patient!”

The Hospimed RectalPro is available in 40mm or 60 mm lengths and comes with a 100cc inflation syringe and male luer lock. Hospimed gold markers are available in standard sizes of 3mm, 5mm or 7mm long and 1mm or 1.2mm in diameter.

For more information on the Endorectal Balloon, Gold Markers & Pre-Waxed Needles and all other patient positioning and immobilisation devices, please contact Oncology Imaging Systems Ltd., tel. 01825 744 063 fax. 01825 749 557 sales@oncologyimaging.com www.oncologyimaging.com