



# Brachytherapy

www.4dbrachytherapy.com

4D Brachytherapy is an innovative, evidence-based, one-step LDR brachytherapy technique which significantly reduces procedure time while optimising each patient's journey and outcomes

Backed by over 20 years' research and powered by an exclusive algorithm developed with data from over 2000 procedures, 4D Brachytherapy offers significant efficiencies for your practice while placing it at the forefront of patient-centric and effective prostate cancer treatment delivery. One-step, real-time brachytherapy offers:

## Procedural benefits

- No risk of discrepancy between prostate volume at planning vs treatment visit
- Improved dosimetric outcomes<sup>1</sup>
- Optimised dose delivery to "at-risk" areas of the prostate.
  - Lower side-effect profile, especially in terms of erectile dysfunction (ED)<sup>2</sup>
- Reduced risk of procedure or anaesthesia-related complications
- Procedure takes approximately 45 minutes in theatre

## The proven confidence of stranded seeds...<sup>3,4,5</sup>

- Reduced risk of seed migration or embolisation
- Improved disease control
- Enhanced dosimetric coverage

## Practice efficiency benefits

- Potential to increase number of patients treated and reduce waiting lists while optimising patient care
- Streamlined ordering and preparation process

*" [4D Brachytherapy] allows us to undertake the implant in a far more time efficient manner... "*

**Prof Stephen Langley, MS FRCS Urol**  
Consultant Urological Surgeon  
St Luke's Cancer Centre, Royal Surrey County Hospital, Guildford, UK

*" ...we can get a much better coverage of radiation around the prostate gland without risk of the seeds migrating away from the prostate... "*



Committed to the *future* of brachytherapy

www.bxt-accelyon.com

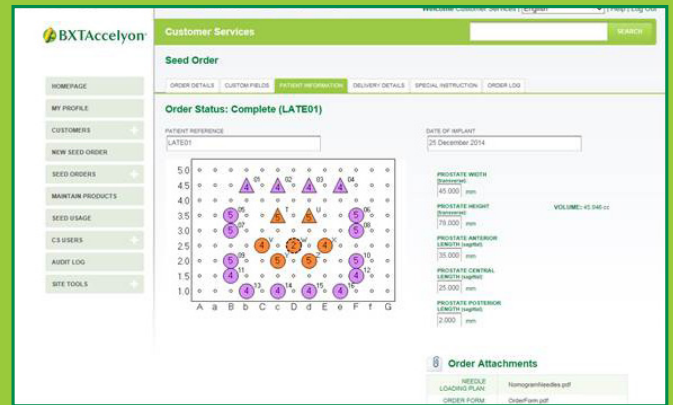
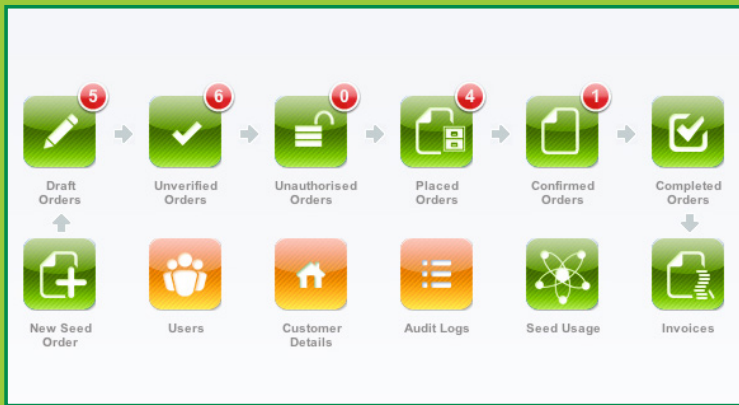


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The confidence of stranded seeds in a real-time, one-step procedure which last approximately 45 minutes and offers benefits in terms of patient outcomes and practice efficiencies.<sup>3,4,5</sup>

4D Brachytherapy is exclusively accessed through webBXT, a unique e-commerce platform providing on-line ordering, convenient data management and automated seed calculation and order generation.

An intuitive and easy-to-use interface, webBXT offers BXTAccelyon customers the opportunity to transform practice efficiencies and optimise resources.



## About BXTAccelyon®

BXTAccelyon® has an exclusive focus on prostate brachytherapy and a strong commitment to offering the very best products and services to centres.

- 100% focus on LDR brachytherapy
- Strong commitment to and dedicated funding for brachytherapy
  - Research and development
  - Clinical support and education
  - Patient awareness and education

## Contact

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**General enquiries:** info@bxt-accelyon.com

## Our products

In developing and refining our product line, we have worked with leading brachytherapy centres and manufacturers to deliver a range that addresses day-to-day requirements without compromising clinical outcomes.

- AgX100® Seed
- Strands
- Pre-loaded kits
- Brachytherapy accessories

## References

1. Nobes JP, Khaksar SJ, Langley SEM, Laing RW. Eur Urol Suppl 2008;7(3):118
2. Nobes JP, Khaksar SJ, Hawkins MA, Cunningham MJ, Langley SEM, Laing RW. Radiotherapy and Oncology 88 (2008) 121–126
3. Al-Qaisieh B, Carey B, Ash, D et al. Int J Radiation Oncology Biol Phys 2004; 59(2): 397-9
4. Tapen EM, Blasko JC et al. Int J Radiation Oncology Biol Phys 1998; 42(5): 1063-7
5. Lee WR, deGuzman AF, Thomlinson SK et al. Radiotherapy and Oncol 2002; 65; 123-7

