



## BITEAcademy: Urology Education & Training

**BioMed HTC, through its unique partnership and infrastructure, aims to accelerate the production of new devices, technologies and procedures designed to improve the health and quality of life of patients with urinary incontinence.**

An estimated 3 million people in the UK suffer from some loss of urinary control, and the cost of management to the NHS amounts to almost £500 million per annum<sup>1</sup>.

Despite a high level of morbidity, long-term catheterisation (LTC) forms the mainstay of management for many disabled by chronic debilitating neurological conditions such as strokes, spina bifida, multiple sclerosis and spinal injuries. The intricacy of bladder and neurological function combined with the prevalence of co-morbidities makes the management of care both complex and demanding for health professionals and others involved in raising standards.

- LTC is invariably delegated to nursing staff in the community and presents a heavy burden
- LTC accounts for 4% of District Nurses' workload<sup>2</sup>
- Around 70% of people with LTC experience complications with infection or blockage, urinary by-passing and leakage.
- A survey of 467 patients reported 506 emergency calls for catheter-related problems during a six-month period, many of which had to be referred to hospital<sup>3</sup>.
- LTC for longer than 28 days is associated with inevitable bacterial colonization of the bladder and as a result a range of complications including bacteraemia, catheter blockage, bladder stones, periurethral infections, cancer and death<sup>4</sup>.

Advances in care of patients requires collaboration between researchers, industry, clinicians and users, but differing cultures and priorities can be a barrier to successful communication. The NHS Plan encourages a patient focused approach that promotes independence and demonstrates proper respect for individual autonomy, dignity and privacy. Awareness education and training of clinical staff underpins the quality of care that can be delivered to patients.

Through the combined infrastructure, networks, research activity and expertise, the BioMed Centre can access a wealth of knowledge and experience to underpin a first class education and training programme for health professionals, scientists and industry to:

- Achieve optimal care in the community to reduce the number of catheter associated complications
- Deliver a beacon services to patients referred for Specialist attention
- Facilitate the rapid and successful implementation of clinically-proven new devices that address the problems of LTC

The BioMed Centre specialises in developing and running training programmes for continual professional development and wider community education, drawing upon experts in the field to deliver a wide range of accredited and bespoke courses.

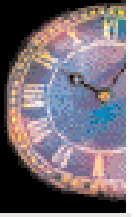
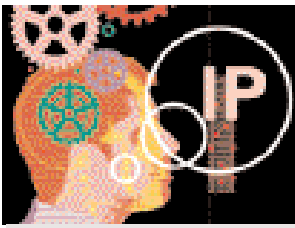
### References

1. Making the case for Investment in an Integrated Continence Service: 12. Cost of Incontinence to the NHS: The Continence Foundation: April 2000
2. Getliffe K. Catheter blockage in community patients. Nurs Stand 1990; 21: 33-36
3. Kohler-Ockmore J., and Feneley RCL. Long-term catheterisation of the bladder: prevalence and morbidity. Brit. J. Urol. 1996; 77: 347-351
4. Stickler DJ., Zimakoff J. (1994) Journal of Hospital Infection. 28: 177-194

**Through BITECIC, BioMed HTC represents a valuable expert resource with a range of specific validated test programmes, ensuring commercial integrity in the important areas of 'confidentiality, intellectual property, quality and project management'.**

**If you are interested in using the facilities or services listed overleaf contact:**

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## Education and Training Facilities and Services

The Bristol Urological Institute (BUI) Seminar Room, offers state-of-the-art facilities for conferences, education and training for up to 50 people. Two rooms for up to 9 persons are also available for training and meeting purposes. Closed circuit television enables operative procedures to be relayed to the Seminar Room for training purposes. Training packages are based on:

- Establishing evidence-based protocols
- Experience of procedures to investigate and treat recurrent complications
- Developing a dedicated service provision for this aspect of healthcare



**Bespoke courses, workshops and seminars for healthcare professionals, industry and other groups involved in improving healthcare options for those with intractable urinary incontinence include:**

- Workshops for district nurses on catheter care and the delivery of services in the community
- Study days for General Practitioners
- Seminars for clinicians on the latest device and technology development
- Seminars for industry on unmet clinical needs, basic physiology and urodynamics

**Accredited education and training courses offered by the BUI for healthcare professionals, on continence and other urological conditions include:**

- Urodynamics: basic and certificate courses
- Operative courses on stress incontinence and pelvic floor dysfunction
- Laparoscopic urology: dry lab



What our customers say:

*"Limbs & Things was pleased to be involved in the Biomed project and believe its contribution, developing a professional education and demonstration model to assist with the launch and uptake of the new device, will prove invaluable during the commercialisation stage and ongoing training of healthcare professionals".* Margot Cooper, Chairman, Limbs and Things

For further information visit the Biomed HTC website : [www.biomedhtc.org.uk](http://www.biomedhtc.org.uk)

**BITECIC represents Biomed HTC as the UK centre of excellence for the assessment of urological devices**

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