



## National Research Programme (NRP)

December 2025

**Total Project Costs: £825,467**

- 1. BIONIC BLADDER: 'Evolving the Bionic Bladder: towards complete electrical control of continence and micturition'.**  
**Research Team Lead:** Dr Benjamin Metcalfe  
**Locations:** University of Bath, Oxford University, the Walton Centre, Finetech Medical Ltd, Royal Veterinary College.  
**Duration/Dates/Cost:** 28 months. Jan 2024 – Apr 2026 **Total project costs £217,585**
- 2. REHAB RHYTHM: Repetitive Movements with Nerve Stimulation 'Strengthening Residual Pathways'**  
**Research Team Lead:** Prof Stuart Baker  
**Locations:** Newcastle University and Institute of Neurosciences, Kolkata, India  
**Duration/Dates/Cost:** 38 months Jan 2024 – Apr 2027 Costs shared with RFU/IPF **Total project costs £143,765**
- 3. UP STIM: Using spinal cord stimulation for upper limb rehabilitation in individuals who have an acute spinal cord injury**  
**Research Team Lead:** Dr Lynsey Duffell  
**Locations:** University College, London and The Royal National Orthopaedic Hospital, Stanmore  
**Duration/Dates/Cost:** 32 months Jan 2025 – Aug 2027 Costs shared with RFU/IPF **Total project costs £144,312**
- 4. SURCAT: 'Smart Catheter for the Management of the Urinary Bladder in people with Spinal Cord Injury'.**  
**Research Team Lead:** Prof Mark Tooley  
**Location:** University of Bath  
**Duration/Dates/Cost:** 18 months. Sept 2025 – Feb 2027 **Total project costs £123,487**
- 5. AHPU: 'Accelerating Healing of Pressure Ulcers in spinal cord injured individuals who have life-threatening pressure sores'.**  
**Research Team Lead:** Dr Liang Q Liu  
**Location:** Middlesex University  
**Duration/Dates/Cost:** 30 months. Jan 2026 – Jun 2028 **Total project costs £196,318**