

1. Spinal Stimulation 'sit to stand' after SCI: STIM2STAND

Research Team: Principal Investigator (PI) Dr Lynsey Duffell, Prof Nick Donaldson, Dr Sarah Knight, Dr Yazi al Joboori
Locations: University College London, RNOH Stanmore and Neurokinex, Watford
Duration/Dates/Cost: 36 months/April 2017-April 2020. **Total project costs: £222,957**

2. Understanding causes and solutions of SCI Pain: SPINAL PAIN

Research Team: (PI) Dr John Riddell, Dr Joziem Goense, Dr Guillaume Rousselet, Dr Aleksandra Vuckovic, Prof Bernard Conway, Dr Margaret Purcell, Mr Matthew Fraser, PhD Student Alison Symon
Locations: University of Glasgow, Queen Elizabeth University Teaching Hospital Glasgow
Duration/Dates/Cost: 42 months/ October 2017 – March 2021. **Total project costs: £153,636**

3. Development of a FES Device for the Promotion of Hand Function in incomplete tetraplegia: TETRAGRIP II

Research Team: (PI) Professor Ian Swain, Dr Paul Taylor, Ms Catherine Whitmarsh
Locations: Bournemouth University
Duration/Dates/Cost: 36 months December 2018-2021. **Total project costs: £240,883**

4. Development of Abdominal FES device to improve respiratory function in acute SCI: Abdominal FES.

Research Team: (PI) Dr Henrik Gollee, Dr Mariel Purcell, Dr Chris Hawthorne
Location: Queen Elizabeth National Spinal Injuries Unit, Glasgow
Duration/Dates/Cost: 18 months / August 2018 – May 2020 **Total project costs: £112,332**

5. Recruitment of Antagonist Muscle Pairs (RAMP) using electrical stimulation to maximise bone stimulation in paralysed limbs of people with SCI: RAMP ES

Research Team: (PI) Dr Sylvie Coupaud, Dr Alex Ireland, Dr Mariel Purcell
Locations: Queen Elizabeth National Spinal Injuries Unit and University of Strathclyde, Glasgow
Duration/Dates/Cost: 36 months / June 2018 – 2021 **Total project costs: £106,238**

6. Neuromodulation to control bladder over-activity following Spinal Cord Injury with the development and long term assessment of wearable devices: NEUROMOD II

Research Team: (PI) Dr Lynsey Duffell, Dr Sarah Knight, Dr Anne Vanhoostenberghe, Dr Sean Doherty
Locations: University College London, London Spinal Cord Injury Centre, RNO Hospital Stanmore
Duration/Dates/Cost: 30 months / Jan 2019-July 2021 **Total project costs: £225,278**

7. Abdominal Functional Electrical Stimulation (ABFES) for Bowel Management: BOWMAN

Research Team: (PI) Dr Tamsyn Street, Dr Richard Earl*, Dr Chalil Vinod, Ms Mel Williams, Dr Sean Doherty*
Dr Paul Strike, Dr Samir Vyas. (* SCI Patient Perspective Advisors)
Locations: Salisbury NHS Foundation Trust
Duration/Dates/Cost: 36 months/ Feb 2020-2023 **Total project costs: £163,806**

8. Electroencephalograph predictors of central neuropathic pain in subacute SCI PAIN PREDICT

Research Team: (PI) Dr Aleksandra Vuckovic, Dr Mariel Purcell
Locations: University of Glasgow & Queen Elizabeth National Spinal Injuries Unit
Duration/Dates/Cost: 30 months / Jan 2020 –Jun 2022 **Total project costs: £190,988**

9. Recovery of function through cycling therapy with virtual reality biofeedback in chronic SCI: iCYCLE II

Research Team: (PI) Prof Nick Donaldson, Dr Lynsey Duffell, Prof Jane Burridge, Mr Maurizio Belci
Locations: Royal National Orthopaedic Hospital, Stanmore & Stoke Mandeville Hospital
Duration/Dates/Cost: 18 months / Nov 2019 – April 2021/ 50% funding by INSPIRE **Total project costs: £86,456**

10. Functional activity of upper extremities for improved trunk function after SCI: TRUNK FUNCTION

Research Team: (PI) Dr Shin-Yi Chiou, Dr Paul Strutton, Mr JR Chowdhury, Prof Deborah Falla, Dr Eduardo M-Valdes
Locations: University of Birmingham
Duration/Dates/Cost: 36 months/Sep 2020 – Sep 2023 50% funding by INSPIRE **Total project costs: £98,745**