

Andy Kerr  
Senior Lecturer  
Biomedical Engineering  
**Postal address:**  
United Kingdom  
**Email:** a.kerr@strath.ac.uk  
**Phone:** 01415482855



## Personal Statement

My primary research interests lie in understanding motor control in neurological conditions and using technology to recover function and independence. This has been shaped from many years as a physiotherapist; practicing, teaching and researching. I am currently working on a number of projects using technology to support and optimise neurorehabilitation. I am particularly interested in the recovery of community mobility. I would be interested in supervising PhD students with an interest in technology enabled rehabilitation.

## Employment

**Senior Lecturer**  
Biomedical Engineering  
University Of Strathclyde  
United Kingdom  
19 Jul 2010 → present

## Research outputs

### **Investigating the relationships between three important functional tasks early after stroke: movement characteristics of sit-to-stand, sit-to-walk and walking**

Chandler, E. A., Stone, T., Pomeroy, V. M., Clark, A. B., Kerr, A., Rowe, P., Ugbohue, U. C., Smith, J. & Hancock, N. J., 14 May 2021, In: *Frontiers in Neurology*. 12, 660383.

### **Experiences of augmented arm rehabilitation including supported self-management after stroke: a qualitative investigation**

Schnabel, S., van Wijk, F., Bain, B., Barber, M., Dall, P., Fleming, A., Kerr, A., Langhorne, P., McConnachie, A., Molloy, K., Stanley, B., Kidd, L. & Young, H. J., 9 Sep 2020, (E-pub ahead of print) In: *Clinical Rehabilitation*. 25 p.

### **Exploration of barriers and enablers for evidence-based interventions for upper limb rehabilitation following a stroke: use of Constraint Induced Movement Therapy and Robot Assisted Therapy in NHS Scotland**

Sweeney, G., Barber, M. & Kerr, A., 26 Mar 2020, (E-pub ahead of print) In: *British Journal of Occupational Therapy*. p. 1-11 11 p.

### **Biomechanical correlates for recovering walking speed following a stroke. The potential of tibia to vertical angle as a therapy target**

Kerr, A., Rowe, P., Clarke, A., Chandler, E., Smith, J., Ugbohue, C. & Pomeroy, V., 29 Feb 2020, In: *Gait and Posture*. 76, p. 162-167 6 p.

### **Automated movement feedback for recovering independence in the sit-to-stand movement in an older population: a pilot randomised controlled trial of a novel system**

Ho, S. F., Thomson, A., Moylan, T., McGuckin, J. & Kerr, A., 2 Dec 2019, In: *OBM Geriatrics*. 3, 4, 13 p., 1904089.

### **Community cycling exercise for stroke survivors is feasible and acceptable**

Kerr, A., Cummings, J., Barber, M., McKeown, M., Rowe, P., Mead, G., Doucet, A., Berlouis, K. & Grealay, M., 1 Oct 2019, In: *Topics in Stroke Rehabilitation*. 26, 7, p. 485-490 6 p.

### **Quantifying sit-to-stand and stand-to-sit transitions in free-living environments using the activPAL thigh-worn activity monitor**

Pickford, C. G., Findlow, A. H., Kerr, A., Banger, M., Clarke-Cornwell, A. M., Hollands, K. L., Quinn, T. & Granat, M. H., 1 Sep 2019, In: *Gait and Posture*. 73, p. 140-146 7 p.

**Treadmill training augmented with real-time visualisation feedback and function electrical stimulation for gait rehabilitation after stroke: a feasibility study**

Phongamwong, C., Rowe, P., Chase, K., Kerr, A. & Millar, L., 22 Aug 2019, In: BMC Biomedical Engineering. 1, 7 p., 20.

**Factors that contribute to the use of stroke self-rehabilitation technologies: a review**

Vourganas, I., Stankovic, V., Stankovic, L. & Kerr, A., 15 Aug 2019, In: JMIR Biomedical Engineering. 4, 1, 17 p., e13732.

**Automation enhancement and accuracy investigation of a portable single-camera gait analysis system**

Yang, C., Ugbohue, U. C., McNicol, D., Stankovic, V., Stankovic, L., Kerr, A., Carse, B., Kaliarntas, K. & Rowe, P. J., 30 Jun 2019, In: IET Science, Measurement and Technology. 13, 4, p. 563-571 9 p.

**Neuromechanical differences between successful and failed sit-to-stand movements and response to rehabilitation early after stroke**

Kerr, A., Clark, A. & Pomeroy, V. M., 31 May 2019, In: Neurorehabilitation and Neural Repair . 33, 5, p. 395-403 9 p.

**An Introduction to Human Movement and Biomechanics**

Kerr, A. & Rowe, P., 30 May 2019, 7 ed. Amsterdam. 464 p.

**Comparison of the muscle pattern variability during treadmill walking (fixed and self-pace) and overground walking of able-bodied adults**

Ibala, E., Coupaud, S. & Kerr, A., 30 May 2019, In: Journal of Annals of Bioengineering. 1, p. 1-11 11 p.

**Motor relearning principles**

Grealy, M. A. & Kerr, A., 17 May 2019, *An Introduction to Human Movement and Biomechanics*. Kerr, A. & Rowe, P. (eds.). 7 ed. Amsterdam, p. 286-294 9 p.

**Adoption of stroke rehabilitation technologies by the user community: qualitative study**

Kerr, A., Smith, M., Reid, L. & Baillie, L., 17 Aug 2018, In: JMIR Rehabilitation and Assistive Technologies. 5, 2, 6 p., e15.

**User requirements for an upper limb weight support device for stroke rehabilitation**

Collins, R., Kerr, A. & Thomson, A., 6 Jul 2018. 1 p.

**Neurobiomechanical differences between successful and unsuccessful sit to stand movements performed by acute stroke patients**

Kerr, A., Clark, A. & Pomeroy, V., 3 Jul 2018, In: Gait and Posture. 2 p.

**Comparison of gait initiated on a treadmill (cued and uncued) and overground in healthy individuals**

Boyd, S., Drennan, S., Ferguson, A., Millar, J., Wilcox, M. & Kerr, A., 26 Jun 2018, (E-pub ahead of print) In: Gait and Posture. 1 p., P-018.

**Adoption of stroke rehabilitation technologies by the user community**

Kerr, A. & Rowe, P. J., 30 Nov 2017.

**Using low cost sensors to augment an upper limb trainer with automated movement feedback**

Collins, R., Tarfali, G. & Kerr, A., 29 Nov 2017.

**Sit to stand activity during stroke rehabilitation**

Kerr, A., Dawson, J., Robertson, C., Rowe, P. & Quinn, T. J., 18 Sep 2017, In: Topics in Stroke Rehabilitation . 24, 8, p. 562-566 5 p.

**Development of the FIRST system: feedback Integrated Rehabilitation for Sit-to-stand Training – design, feasibility and usability**

Ho, S. F., Thomson, A. & Kerr, A., 19 Jul 2017.

**The validation of a therapeutic feedback generation system for evaluating the sit-to-stand performance in stroke survivors**

Ho, S. F., Thomson, A. & Kerr, A., 18 Jul 2017.

**Technology for training the sit-to-stand movement in stroke survivors: a systematic literature review**

Ho, S., Thomson, A. & Kerr, A., 24 May 2017.

**A technique to record the sedentary to walk movement during free living mobility: a comparison of healthy and stroke populations**

Kerr, A., Rafferty, Hollands, Barber & Granat, 28 Feb 2017, In: Gait and Posture. 52, p. 233-236 4 p.

**Changes in the physical activity of acute stroke survivors between inpatient and community living with early supported discharge: an observational cohort study**

Kerr, A., Rowe, P., Esson, D. & Barber, M., 1 Dec 2016, In: Physiotherapy. 102, 4, p. 327-331 5 p.

**A feasibility study of the FIRST system: feedback integrated rehabilitation for sit-to-stand training**

Ho, S. F., Thomson, A. & Kerr, A., 30 Nov 2016.

**The development and evaluation of a sensor-fusion and adaptive algorithm for detecting real-time upper trunk kinematics, phases and timing of the sit-to-stand movements in stroke survivors**

Ho, S. F., Kerr, A. & Thomson, A., 21 Oct 2016.

**A depth camera motion analysis framework for tele-rehabilitation: motion capture and person-centric kinematics analysis**

Ye, M., Yang, C., Stankovic, V., Stankovic, L. & Kerr, A., 1 Aug 2016, In: IEEE Journal on Selected Topics in Signal Processing. 10, 5, p. 877-887 11 p.

**Human upper limb motion analysis for post-stroke impairment assessment using video analytics**

Yang, C., Kerr, A., Stankovic, V., Stankovic, L., Rowe, P. & Cheng, S., 10 Mar 2016, In: IEEE Access. 4, p. 650-659 10 p.

**Functional strength training and movement performance therapy produce analogous improvement in sit-to-stand early after stroke: early-phase randomised controlled trial**

Kerr, A., Clark, A., Cooke, E. V., Rowe, P. & Pomeroy, V. M., 11 Feb 2016, (E-pub ahead of print) In: Physiotherapy. 5 p.

**Does stroke location predict walk speed response to gait rehabilitation?**

Jones, P. S., Pomeroy, V. M., Wang, J., Schlaug, G., Tulasi Marrapu, S., Geva, S., Rowe, P. J., Chandler, E., Kerr, A. & Baron, J. C., 1 Feb 2016, In: Human Brain Mapping. 37, 2, p. 689-703 15 p.

**Autonomous gait event detection with portable single-camera gait kinematics analysis system**

Yang, C., Ugbolue, U. C., Kerr, A., Stankovic, V., Stankovic, L., Carse, B., Kiliarntas, K. T. & Rowe, P. J., 5 Jan 2016, In: Journal of Sensors. 2016, 8 p., 5036857.

**A randomized controlled evaluation of the efficacy of an ankle-foot cast on walking recovery early after stroke: SWIFT cast trial**

Pomeroy, V. M., Rowe, P., Clark, A., Walker, A., Kerr, A., Chandler, E., Barber, M. & Baron, J-C., 1 Jan 2016, In: Neurorehabilitation and Neural Repair. 30, 1, p. 40-48 9 p.

**Gait analysis using a single depth camera**

Ye, M., Yang, C., Stankovic, V., Stankovic, L. & Kerr, A., 1 Dec 2015, *2015 IEEE Global Conference on Signal and Information Processing (GlobalSIP)*. IEEE, p. 285-289 5 p.

**Kinematics analysis multimedia system for rehabilitation**

Ye, M., Yang, C., Stankovic, V., Stankovic, L. & Kerr, A., Sep 2015, *New Trends in Image Analysis and Processing - ICIAP 2015 Workshops: ICIAP 2015 International Workshops, BioFor, CTMR, RHEUMA, ISCA, MADiMa, SBMI, and QoEM, Genoa, Italy, September 7-8, 2015, Proceedings*. Murino, V., Puppo, E., Sona, D., Cristani, M. & Sansone, C.

(eds.). Cham: Springer, Vol. 9281. p. 571-579 9 p. (Lecture Notes in Computer Science; vol. 9281).

**Supporting sit-to-stand rehabilitation using smartphone sensors and arduino haptic feedback modules**

O'Neil, C., Dunlop, M. D. & Kerr, A., Sep 2015. 8 p.

**The development of a diagnostic platform for the functional evaluation of the sit-to-stand movement in stroke survivors**

Ho, S. F., Thomson, A. & Kerr, A., 15 Jul 2015.

**Is treadmill walking with virtual reality an acceptable and plausible training modality for stroke survivors?**

Kerr, A., Dryden, J., Childs, C., Grealy, M., Murphy, A. & Rowe, P., 12 Jul 2015. 2 p.

**Kinect-based lower limb motion analysis**

Sarkar, S., Stankovic, L., Kerr, A. & Rowe, P., Jul 2015, (Accepted/In press).

**Computerised rehabilitation system for sit-to-stand training in stroke survivors: engaging the users in the design process**

Ho, S. F., Thomson, A. & Kerr, A., 9 Jun 2015.

**Bad science and how to avoid it, a movement analysis perspective: study design, statistics and publication ethics**

Kerr, A., Prescott, R. & Theologis, T., 2015, In: *Gait and Posture*. 42, 3, p. 224-226 3 p.

**Upper limb movement analysis via marker tracking with a single-camera system**

Yang, C., Kerr, A., Stankovic, V., Stankovic, L. & Rowe, P., 27 Oct 2014, *2014 IEEE International Conference on Image Processing (ICIP)*. IEEE, p. 2285 - 2289 5 p.

**Arm movement analysis via marker tracking with a single-camera system**

Yang, C., Kerr, A., Stankovic, V., Stankovic, L. & Rowe, P., 6 Jul 2014, p. 1547-1548. 2 p.

**The development and validation of an augmented video based portable system**

Ugbolue, U., Papi, E., Kaliarntas, K., Kerr, A. & Rowe, P. J., 21 Jun 2014, In: *Gait and Posture*. 39, Suppl 1, p. S43-S44 2 p.

**Measuring fluency: comparison of impaired and unimpaired groups**

Kerr, A., Rafferty, D., Dall, P., Rowe, P. & Pomeroy, V., 1 Jun 2014, In: *Gait and Posture*. 39, Suppl 1, p. S40-S41 2 p.

**Validity of simple gait related dual task tests in predicting falls in community dwelling older adults**

Muhaidat, J., Kerr, A., Evans, J. J., Pilling, M. & Skelton, D. A., 1 Jan 2014, In: *Archives of Physical Medicine and Rehabilitation*. 95, 1, p. 58-64 7 p.

**Biomechanical analysis of the sit-to-stand movement following knee replacement: a cross-sectional observational study**

Kerr, A., Deakin, A. H., Clarke, J. V., Dillon, J. M., Rowe, P. & Picard, F., Aug 2013. 3 p.

**Exploring gait-related dual task tests in community-dwelling fallers and non-faller: a pilot study**

Muhaidat, J., Kerr, A., Evans, J. J. & Skelton, D. A., 1 Jul 2013, In: *Physiotherapy Theory and Practice*. 29, 5, p. 351-370 20 p.

**The evaluation of an inexpensive, 2D, video based gait assessment system for clinical use**

Ugbolue, U. C., Papi, E., Kaliarntas, K. T., Kerr, A., Earl, L., Pomeroy, V. M. & Rowe, P. J., 1 Jul 2013, In: *Gait and Posture*. 38, 3, p. 483-489 7 p.

**Measuring movement fluency during the sit-to-walk task**

Kerr, A., Pomeroy, V., Rowe, P., Dall, P. & Rafferty, D., Apr 2013, In: *Gait and Posture*. 37, 4, p. 598-602 5 p.

**Exploring gait-related dual task tests in community-dwelling fallers and non-fallers**

Muhaidat, J., Kerr, A. & Skelton, D., 2012, (Accepted/In press) In: Gait and Posture.

**The SWIFT Cast trial protocol: a randomized controlled evaluation of the efficacy of an ankle-foot cast on walking recovery early after stroke and the neural-biomechanical correlates of response**

Pomeroy, V. M., Rowe, P., Baron, J-C., Clark, A., Sealy, R., Ugbohue, U. C. & Kerr, A., 2012, In: International Journal of Stroke . 7, 1, p. 86-93 8 p.

**The test-retest reliability of gait-related dual task performance in community-dwelling fallers and non-fallers.**

Muhaidat, J., Kerr, A., Skelton, D. & Evans, J., 2012, (Accepted/In press) In: Gait and Posture.

**Validity of measuring the sit to walk movement with an inertial sensor**

Kerr, A., Rafferty, D., Dall, P. & Muhaidat, J., 2012, In: Physiotherapy Research International . 1 p.

**Intra- and inter- rater reliability measurements of kinematic and temporo-spatial parameters of gait using a simple video technique**

Ugbohue, U., Rowe, P., Papi, E., Kerr, A., Earl, L. & Pomeroy, V., 19 Nov 2011, In: Journal of Bioengineering and Biomedical Science . 8 p.

**Daily and hourly frequency of the sit to stand movement in older adults: a comparison of day hospital, rehabilitation ward and community living groups**

Grant, M., Kerr, A. & Dall, P. M., 1 Oct 2011, In: Aging Clinical and Experimental Research. 23, 5-6, p. 437-444 8 p.

**Measuring foot placement and clearance during stair descent**

Muhaidat, J., Kerr, A. & Skelton, D., 2011, In: Gait and Posture. 33, 3, p. 504-506 3 p.

**Using an optical proximity sensor to measure foot clearance during gait: agreement with motion analysis**

Kerr, A., Rafferty, D., Dall, P. M., Smit, P. & Barrie, P., Sep 2010, In: Journal of Medical Devices. 4, 3, 5 p., 031004.

**Frequency of the sit to stand task: an observational study of free-living adults**

Dall, P. M. & Kerr, A., 31 Jan 2010, In: Applied Ergonomics. 41, 1, p. 58-61 4 p.

**Introductory Biomechanics**

Kerr, A., 1 Jan 2010, 1 ed. Edinburgh. 166 p.

**Older adults' experiences and perceptions of dual tasking**

Muhaidat, J., Skelton, D. & Kerr, A., 2010, In: British Journal of Occupational Therapy. 73, 9, p. 405-412 8 p.

**Specificity of recumbent cycling as a training modality for the functional movements: sit-to-stand and step-up**

Kerr, A., Rafferty, D., Moffat, F. & Morlan, G., Dec 2007, In: Clinical Biomechanics. 22, 10, p. 1104-1111 8 p.

**Timing phases of the sit-to-walk movement: validity of a clinical test**

Kerr, A., Kerr, K., Durward, B. & Rafferty, D., 2007, In: Gait and Posture. 26, 1, p. 11-16 6 p.

**Defining phases for the sit-to-walk movement**

Kerr, A., Durward, B. & Kerr, K., May 2004, In: Clinical Biomechanics. 19, 4, p. 385-390 6 p.

**Physiotherapy for children with hypermobility syndrome**

Kerr, A. & Luqmani, R., 2000, In: Physiotherapy. 86, 6, p. 313-317 5 p.

**Activities**

**PhD Thesis exam**

Andy Kerr (Examiner)  
1 Feb 2021 → 1 Jun 2021

**Rehabilitation technology to support mobility in Parkinson's**

Andy Kerr (Speaker)  
23 Jan 2021

**Web Based Physiotherapy for People Undergoing Stroke Rehabilitation**

Andy Kerr (Examiner)  
26 Oct 2020

**Connecting with Industry workshop**

Andy Kerr (Consultant)  
19 Aug 2020

**National Health and Medical Research Council (Australia) (External organisation)**

Andy Kerr (Advisor)  
14 Apr 2020 → 30 Jul 2020

**Stroke Rehabilitation Biodesign Workshop**

Andy Kerr (Organiser)  
27 Feb 2020

**West of Scotland Geriatric Medicine training day**

Andy Kerr (Speaker)  
16 Dec 2019

**Clinical Gait Analysis**

Andy Kerr (Consultant)  
28 Nov 2019

**University of Glasgow**

Andy Kerr (Visiting lecturer)  
1 Oct 2019 → 20 Nov 2019

**ICAMPAM**

Andy Kerr (Keynote/plenary speaker)  
25 Jun 2019

**Society for Research in Rehabilitation (External organisation)**

Andy Kerr (Member)  
1 Feb 2019 → 1 Feb 2024

**Kings College London**

Andy Kerr (Visiting lecturer)  
2019 → ...

**Scottish Stroke Alliance**

Andy Kerr (Speaker)  
22 Oct 2018

**Novel rehabilitation technologies**

Andy Kerr (Speaker)  
19 Jan 2018

**Novel technologies for gait rehabilitation in Parkinson's Disease**

Andy Kerr (Speaker)  
2018

**Queen Margaret University**

Andy Kerr (Visiting researcher)  
2018 → ...

**University of Central Lancashire**

Andy Kerr (Visiting researcher)  
2018 → ...

**University of Salford**

Andy Kerr (Visiting researcher)  
2018 → ...

**Cycling for recovery of lower limb function in chronic stroke survivors**

Andy Kerr (Speaker)  
30 Nov 2017

**UK Stroke Forum 2017**

Andy Kerr (Invited speaker)  
30 Nov 2017

**Technology in stroke rehabilitation**

Andy Kerr (Speaker)  
28 Oct 2017

**TED Talk**

Andy Kerr (Invited speaker)  
28 Nov 2016

**WCPT-ER**

Andy Kerr (Invited speaker)  
11 Nov 2016

**Geriatric Research Seminar**

Andy Kerr (Invited speaker)  
5 Oct 2015

**Invited seminar talk on visualisation of biomechanics in stroke**

Andy Kerr (Invited speaker)  
9 Sep 2015

**Rehabilitation technology in stroke**

Andy Kerr (Invited speaker)  
1 Jul 2015

**Prizes**

**Best paper prize at 2013 conference**

Kerr, Andy (Recipient), 9 Sep 2013

**CPD course development competition winner**  
Kerr, Andy (Recipient), 2 Sep 2017

**Grade A (Outstanding) assessment of KTP project: University of Strathclyde and PAL Technologies Limited**  
Kerr, Andy (Recipient), 30 Jul 2018

## **Awards**

**Track 2 year follow-up and health economics | Kerr, Ruaridh**  
Rowe, P. & Kerr, A.  
EPSRC (Engineering and Physical Sciences Research Council): £8,907.00  
1/10/20 → 1/04/24

## **Projects**

**BTG: Development of a visually immersive gait training system for use in the walking rehabilitation of stroke survivors combining the scientific disciplines of biomechanics and motor learning**  
Kerr, A., Grealy, M., Stankovic, V., Murphy, A. J., Childs, C. & Rowe, P.  
3/03/14 → 31/12/14

**Centre for Excellence in Rehabilitation Research | Campbell, Rhona**  
Kerr, A., Buis, A. & Campbell, R.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/19 → 1/10/23

**Current levels of sit to stand practice among stroke survivors during rehabilitation and exploring limiting factors.**  
Kerr, A.  
Chest,Heart and Stroke Scotland  
1/01/14 → 31/12/16

**Doctoral Training Partnership (DTP 2016-2017 University of Strathclyde) | Puglisevich Chase, Karen**  
Kerr, A., Rowe, P. & Puglisevich Chase, K.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/16 → 1/04/20

**Doctoral Training Partnership 2018-19 University of Strathclyde | Keogh, Maisie**  
Rowe, P., Kerr, A. & Keogh, M.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/19 → 1/04/23

**EPSRC Centre for Doctoral Training in Medical Devices and Health Technologies | Collins, Ross**  
Kerr, A., Thomson, A. & Collins, R.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/15 → 1/10/19

**EPSRC Centre for Doctoral Training in Medical Devices and Health Technologies | Skivington, James**  
Rowe, P., Kerr, A. & Skivington, J.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/09/13 → 20/02/18

**EPSRC Centre for Doctoral Training in Prosthetics & Orthotics | Campbell, Rhona**  
Kerr, A., Buis, A. & Campbell, R.  
1/10/19 → 1/10/23



**Feasibility of a randomised controlled trial of a community based, cycling exercise programme to improve physical and psychological outcomes in stroke survivors**

Grealy, M., Kerr, A. & Rowe, P.  
Chief Scientist's Office CSO  
1/11/14 → 30/04/16

**KTP - PAL Technologies**

Kerr, A.  
KTP Govt (TSB), PAL Technologies Limited  
1/10/15 → 31/03/18

**Low-cost and computerised alignment system for below knee prosthesis in low and middle income countries**

KHUNDI, E., Rowe, P. & Kerr, A.  
1/02/17 → 6/06/21

**Medical Devices Doctoral Training Centre Renewal | Ho, Siu Fai**

Kerr, A., Thomson, A. & Ho, S.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/13 → 4/06/19

**Occupational Biomechanics with the proposed topic centered on Musculoskeletal pain among static workforce**

Kerr, A.  
1/02/21 → 1/08/24

**Physical activity of stroke patients discharged with ESD**

Kerr, A. & Rowe, P.  
Chest,Heart and Stroke Scotland  
1/04/13 → 31/12/14

**Supporting Sit-To-Stand Rehabilitation Using Smartphone Sensors to provide tactile feedback**

Kerr, A. & Dunlop, M.  
Chest,Heart and Stroke Scotland  
2/11/15 → 1/11/16

**Technological platform for AHPs for AHP directorate SE | Gerards, Tom**

Rowe, P., Kerr, A. & Gerards, T.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/13 → 9/11/18

**CCRT: The Sir Jules Thorn Centre for Co-Creation of Rehabilitation Technology**

Kerr, A.  
17/12/20 → 17/12/25

**ACCESS: The feasibility of a cycling exercise programme for stroke survivors**

Kerr, A., Grealy, M. & Rowe, P.

**Truck 2 year follow-up and health economics | Keogh, Maisie**

Rowe, P., Kerr, A. & Keogh, M.  
1/10/19 → 1/04/23

**Truck 2 year follow-up and health economics | Kerr, Ruaridh**

Rowe, P., Kerr, A. & Kerr, R.  
EPSRC (Engineering and Physical Sciences Research Council)  
1/10/20 → 1/04/24

**Using the Kinect optical sensor to track functional movements of the hand: Testing a new model for application in stroke rehabilitation**

Kazakidi, A. & Kerr, A.

20/12/16 → 4/08/17

**Impacts**