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Physiotherapy
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Research interests

Employment

Senior Lecturer

Physiotherapy
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1 Aug 2011 → present

Research output

Behaviour change interventions to promote physical activity in people with intermittent claudication: the OPTIMA systematic review

Abaraogu, U. O., Dall, P., Seenan, C., Rhodes, S., Gorely, T., McParland, J., Brittenden, J., Anieto, E. M., Booth, L., Gormal, C., Dearling, J., Fenton, C., Audsley, S., Fairer, K., Bearne, L. & Skelton, D., 29 Oct 2024, (Accepted/In press) In: Health Technology Assessment.

Effect of behavior-change interventions on daily physical activity in patients with intermittent claudication: the OPTIMA systematic review with meta-analysis

Abaraogu, U. O., Dall, P., Seenan, C., Rhodes, S., Gorely, T., McParland, J., Brittenden, J., Anieto, E. M., Booth, L., Gormal, C., Dearling, J., Fenton, C., Audsley, S., Fairer, K., Bearne, L. & Skelton, D. A., 12 Sept 2024, (E-pub ahead of print) In: European Journal of Preventive Cardiology. 13 p., zwae296.

An ecosystem of accepting life with chronic pain: a meta-ethnography

Macgregor, C., Blane, D. N., Tulle, E., Campbell, C. L., Barber, R. J., Hill O-Connor, C. & Seenan, C., Aug 2024, In: British Journal of Pain. 18, 4, p. 365-381 17 p.

Motivating physical activity with a walking exercise behaviour intervention and pain management remotely in intermittent claudication (MAVERIC): protocol for a randomised controlled feasibility trial

Carroll, S. P., Gray, S. R., Wood, L., Bearne, L. & Seenan, C., 16 May 2024, (E-pub ahead of print) In: Journal of Vascular Societies Great Britain and Ireland. 12 p.

Exercise therapy for chronic symptomatic peripheral artery disease: a clinical consensus document of the European Society of Cardiology Working Group on Aorta and Peripheral Vascular Diseases in collaboration with the European Society of Vascular Medicine and the European Society for Vascular Surgery

Mazzolai, L., Belch, J., Venermo, M., Aboyans, V., Brodmann, M., Bura-Rivière, A., Debus, S., Espinola-Klein, C., Harwood, A. E., Hawley, J. A., Lanzi, S., Madarič, J., Mahé, G., Malatesta, D., Schlager, O., Schmidt-Trucksäss, A., Seenan, C., Sillesen, H., Tew, G. A. & Visonà, A., 14 Apr 2024, In: European Heart Journal. 45, 15, p. 1303-1321 19 p., ehad734.

Exercise therapy for chronic symptomatic peripheral artery disease: a clinical consensus document of the European Society of Cardiology Working Group on Aorta and Peripheral Vascular Diseases in collaboration with the European Society of Vascular Medicine and the European Society for Vascular Surgery

Mazzolai, L., Belch, J., Venermo, M., Aboyans, V., Brodmann, M., Bura-Rivière, A., Debus, S., Espinola-Klein, C., Harwood, A. E., Hawley, J. A., Lanzi, S., Madarič, J., Mahé, G., Malatesta, D., Schlager, O., Schmidt-Trucksäss, A., Seenan, C., Sillesen, H., Tew, G. A. & Visonà, A., Apr 2024, In: Vasa. 53, 2, p. 87-108 22 p.

Editor's choice - exercise therapy for chronic symptomatic peripheral artery disease: a clinical consensus document of the European Society of Cardiology Working Group on Aorta and Peripheral Vascular Diseases in collaboration with the European Society of Vascular Medicine and the European Society for Vascular Surgery

Mazzolai, L., Belch, J., Venermo, M., Aboyans, V., Brodmann, M., Bura-Rivière, A., Debus, S., Espinola-Klein, C., Harwood, A. E., Hawley, J. A., Lanzi, S., Madarič, J., Mahé, G., Malatesta, D., Schlager, O., Schmidt-Trucksäss, A., Seenan, C., Sillesen, H., Tew, G. A. & Visonà, A., Mar 2024, In: European Journal of Vascular and Endovascular Surgery. 67, 3, p. 373-392 20 p.

Cocreators' experiences and effectiveness of cocreated interventions in improving health behaviours of adults with non-communicable diseases: a systematic review protocol

Anieto, E. M., Abaraogu, U., Dall, P. M., Anieto, I. B., Ogbueche, C. M. & Seenan, C., 13 Oct 2023, In: BMJ Open. 13, 10, 10 p., e073153.

Intersectionality as a theoretical framework for researching health inequities in chronic pain

Macgregor, C., Walumbe, J., Tulle, E., Seenan, C. & Blane, D. N., Oct 2023, In: British Journal of Pain. 17, 5, p. 479-490 12 p.

Delivering equitable pain care: lessons from the Scottish Service Model for Chronic Pain

Macgregor, C., Seenan, C. & Blane, D. N., Jun 2023, In: British Journal of Pain. 17, 3, p. 222-225 4 p.

Impact of PPAM aid use on the time to prosthetic limb delivery in patients with unilateral transtibial amputation: a retrospective analysis

Lee, J., Davie-Smith, F., Heberton, J., Sharp, K. & Seenan, C., Jun 2023, In: Prosthetics and Orthotics International. 47, 3, p. 258-264 7 p.

Charting physiotherapy students' attitudes toward people with chronic pain as they progress through their undergraduate programme: an observational study

Mankelow, J., Ryan, C. G., Morris, H., Lauchlan, D., Seenan, C., Taylor, P. & Martin, D., 18 Nov 2022, In: Physiotherapy Theory and Practice. 38, 13, p. 2658-2664 7 p.

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Stather, P. W., Bearne, L. M., Shalhoub, J., Pymer, S., Saratzis, A., Birkett, S. T., Seenan, C., Harwood, A. E. & Vascular Society of Great Britain and Ireland Peripheral Disease Special Interest Group, Aug 2022, In: Journal of Vascular Societies Great Britain and Ireland. 1, 4, p. 108-109 2 p.

International, multi-disciplinary, cross-section study of pain knowledge and attitudes in nursing, midwifery and allied health professions students

Mankelow, J., Ryan, C. G., Taylor, P. C., Casey, M.-B., Naisby, J., Thompson, K., McVeigh, J. G., Seenan, C., Cooper, K., Hendrick, P., Brown, D., Gibson, W., Travers, M., Kennedy, N., O'Riordan, C. & Martin, D., 15 Jul 2022, (E-pub ahead of print) In: BMC Medical Education. 22, 11 p., 547.

Home-based versus outpatient-based cardiac rehabilitation post-coronary artery bypass graft surgery: a randomized controlled trial

Takroni, M. A., Thow, M., Ellis, B. & Seenan, C., May 2022, In: Journal of Cardiovascular Nursing. 37, 3, p. 274-280 7 p.

The introduction of advanced paramedics into primary care in Northern Ireland: a qualitative descriptive study of the experiences of general practitioners

Muldoon, D. & Seenan, C., 1 Dec 2021, In: British Paramedic Journal. 6, 3, p. 1-6 6 p.

How do the attitudes, confidence, knowledge and understanding differ in pre-registration healthcare students towards treating people with chronic pain: an observational, cross-sectional study

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Community paramedicine home visits: patient perceptions and experiences

Hughes, S. & Seenan, C., 2 Jun 2021, In: *Journal of Paramedic Practice*. 13, 6, p. 248 - 257 10 p.

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Exercise therapy in routine management of peripheral arterial disease and intermittent claudication: a scoping review

Abaraogu, U. O., Duru, O. D., Dall, P. M., Tew, G., Wesley, S., Brittenden, J. & Seenan, C. A., 27 May 2020, In: *Therapeutic Advances in Cardiovascular Disease*. 14, 13 p., 138855.

Knowledge, attitudes, and the practice of health promotion among physiotherapists in Nigeria

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The effect of undergraduate education on pain-related attitudes and beliefs in healthcare students

Augeard, N., Carroll, S. P., Tennant, J. & Seenan, C., 1 Dec 2019, In: *Pain and Rehabilitation: The Journal of Physiotherapy Pain Association*. 2019, 46, p. 8-18 11 p.

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Hebenton, J., Scott, H., Seenan, C. & Davie-Smith, F., Dec 2019, In: *Physiotherapy*. 105, 4, p. 476-482 7 p.

Efficacy and Feasibility of Pain management and Patient Education for Physical Activity in Intermittent claudication (PrEPaid): protocol for a randomised controlled trial

Abaraogu, U., Dall, P. M., Brittenden, J., Stuart, W., Tew, G. A., Godwin, J. & Seenan, C. A., 16 Apr 2019, In: *Trials*. 20, 12 p., 222.

Attitudes and confidence of pre-registration healthcare students toward treating people with chronic pain: an observational, cross sectional study

Carroll, S. P., Augeard, N., Tennant, J. & Seenan, C., Jan 2019, In: *Physiotherapy*. 105, 1, p. e29-e30 2 p., O0038.

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Donnachie, J., Seenan, C. & Simms, K., Jan 2019, In: *Physiotherapy*. 105, 1, p. e207-e208 P217.

Sex differences in the efficacy of burst TENS on experimentally induced ischaemic pain: a double-blinded, placebo-controlled, crossover trial

Gassner, F., Kolb, C., Michaud, A. & Seenan, C., Jan 2019, In: *Physiotherapy*. 105, 1, p. e158-e159 P149.

The effect of undergraduate education on pain-related attitudes and beliefs in healthcare students: an observational, cross sectional study

Augeard, N., Tennant, J., Carroll, S. P. & Seenan, C., Jan 2019, In: *Physiotherapy*. 105, 1, p. e156 1 p., P145.

The beginnings of a revolution in pre-registration pain education

Seenan, C., 1 Dec 2018, In: *Pain and Rehabilitation: The Journal of Physiotherapy Pain Association*. 2018, 44, p. 12-13 2 p.

Living a burdensome and demanding life: a qualitative systematic review of the patients experiences of peripheral arterial disease

Abaraogu, U. O., Ezenwankwo, E. F., Dall, P. M. & Seenan, C. A., 15 Nov 2018, In: *PLoS ONE*. 13, 11, p. e0207456 21 p., e0207456.

Barriers and enablers to walking in individuals with intermittent claudication: a systematic review to conceptualize a relevant and patient-centered program

Abaraogu, U., Ezenwankwo, E., Dall, P., Tew, G., Stuart, W., Brittenden, J. & Seenan, C., 26 Jul 2018, In: *PLoS ONE*. 13, 7, p. e0201095 20 p., e0201095.

National survey of knowledge and confidence related to pain management of final year physiotherapy students

Seenan, C., Harrison, H., McParland, J., Clark, N., Serpell, M., Addison, B., Tan, C.-W. & Gilbert, S., Dec 2017, In: *Physiotherapy*. 103, Supplement 1, p. e135-e136 2 p., P124.

The effect of structured patient education on physical activity in patients with peripheral arterial disease and intermittent claudication: a systematic review

Abaraogu, U. O., Dall, P. M. & Seenan, C. A., 1 Jul 2017, In: *European Journal of Vascular and Endovascular Surgery*. 54, 1, p. 58-68 11 p.

Early PPAM aid use post-unilateral transtibial amputation is associated with reduced time to prosthetic fitting and finishing rehabilitation

Hebenton, J., Colvin, J., Seenan, C. & Scott, H., 1 Nov 2016, In: *Physiotherapy*. 102, Supplement 1, p. e147-e148 2 p.

Group peer teaching: a strategy for building confidence in communication and team working skills in physiotherapy students: The 4th European Congress of the European Region of the World Confederation of Physical Therapy (ER-WCPT) Abstracts, Liverpool, UK, 11-12 November 2016

Seenan, C., Shanmugam, S. & Stewart, J., Nov 2016, In: *Physiotherapy*. 102, Supplement 1, p. e228 1 p.

Models of care are associated with time taken to achieve key rehabilitation milestones in patients undergoing lower limb amputation: The 4th European Congress of the European Region of the World Confederation of Physical Therapy (ER-WCPT) Abstracts, Liverpool, UK, 11-12 November 2016

Hebenton, J., Colvin, J., Seenan, C. & Scott, H., Nov 2016, In: *Physiotherapy*. 102, p. e13 1 p.

Patient education interventions to improve physical activity in patients with intermittent claudication: a systematic literature review: The 4th European Congress of the European Region of the World Confederation of Physical Therapy (ER-WCPT) Abstracts, Liverpool, UK, 11-12 November 2016

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Physiotherapist-led exercise classes for low back pain show changes in disability and fear of movement: a service evaluation

MacKelvie, C. P., Seenan, C. & Ryan, C. G., 31 Aug 2016, In: *Pain and Rehabilitation: The Journal of Physiotherapy Pain Association*. 41, p. 31-36 6 p.

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Transcutaneous electrical nerve stimulation improves walking performance in patients with intermittent claudication
Seenan, C., McSwiggan, S., Roche, P., Tan, C.-W., Mercer, T. & Belch, J., Aug 2016, In: Journal of Cardiovascular Nursing. 31, 4, p. 323–330 8 p.

Developing 21st century graduate attributes: incorporating novel teaching strategies in a physiotherapy curriculum
Stewart, J., Shanmugam, S. & Seenan, C., 2 Jul 2016, In: European Journal of Physiotherapy. 18, 3, p. 194-199 6 p.

Patient education interventions to improve physical activity in patients with intermittent claudication: a protocol for a systematic mixed-studies review
Abaraogu, U. O., Dall, P. & Seenan, C., 20 May 2016, In: BMJ Open. 6, 5, p. e011405 e011405.

Group peer teaching: a strategy for building confidence in communication and teamwork skills in physical therapy students
Seenan, C., Shanmugam, S. & Stewart, J., 2016, In: Journal of Physical Therapy Education. 30, 3

Building and enhancing skills that empower level 1 students
Shanmugam, S., Stewart, J. & Seenan, C., 13 Jun 2013.

Empowerment through student led design of teaching, assessment and feedback practice
Shanmugam, S., McDermott, J. & Seenan, C., 6 Jun 2013.

Laboratory and clinical investigation into lower limb ischaemic pain, and the effect of transcutaneous electrical nerve stimulation (Tens) on measures of pain and walking performance
Seenan, C., 2013, 457 p.

Modification of experimental, lower limb ischemic pain with transcutaneous electrical nerve stimulation
Seenan, C., Roche, P., Tan, C.-W. & Mercer, T., Oct 2012, In: Clinical Journal of Pain. 28, 8, p. 693–699 7 p.

Preparing students to work effectively in interprofessional health and social care teams
Stevenson, K., Seenan, C., Morlan, G. & Smith, W., Jul 2012, In: Quality in Primary Care . 20, 3, p. 227-230

Building skills: Enhancing Level 1 physiotherapy students' confidence and ability to provide feedback to peers
Shanmugam, S., Stewart, J. & Seenan, C., 2012.

Activities

Brazilian journal of physical therapy (Journal)
Seenan, C. (Peer reviewer)
2022 → ...

Physiotherapy Research International (Journal)
Seenan, C. (Peer reviewer)
1 Jan 2019

British Pain Society (External organisation)
Seenan, C. (Member)
10 Nov 2018 → ...

Vascular Medicine (Journal)
Seenan, C. (Peer reviewer)
1 May 2018

Annals of Vascular Surgery (Journal)
Seenan, C. (Peer reviewer)

13 Mar 2017

Pain and Rehabilitation: The Journal of Physiotherapy Pain Association (Journal)

Seenan, C. (Editor)

1 Jan 2017 → ...

Physiotherapy Pain Association (External organisation)

Seenan, C. (Member)

2017 → ...

Pain Research and Management (Journal)

Seenan, C. (Peer reviewer)

2015 → ...

Physiotherapy (Journal)

Seenan, C. (Peer reviewer)

2015 → ...

International Journal of Molecular Sciences (Journal)

Seenan, C. (Peer reviewer)

12 Dec 2014

BMJ Open (Journal)

Seenan, C. (Peer reviewer)

15 Nov 2013