

Association of Chartered Physiotherapists in Oncology and Palliative Care

Research Directory – Issue 4: Summer 2018

Welcome to the fourth edition of the ACPOPC research directory. We have collated a list of recent research articles that are relevant to physiotherapy in oncology and palliative care, from a range of peer reviewed publications. The rise in volume of newly published research in palliative care and oncology continues year on year. The shift towards considering the lifelong needs of cancer survivors, an increase in studies exploring rehabilitation and exercise before and during treatment, as well as the widening of palliative care for those with non-malignant as well as malignant disease continues. Published evidence provides the opportunity for physiotherapists to consider new ways to deliver care and to amplify the beneficial effects we can have in our specialist areas.

The articles have been divided into sections to help members find those most relevant to them. This year we added a separate section for Lymphoedema, due to the number of related articles that were highlighted in the search. A clickable link to each article is at the end of the citation, those with free full texts are labelled with [Open Access](#) hyperlinks. If you require access to an article which does not provide free content do contact the research officer.

We would recommend that you read these articles critically and consider their application to your practice. These articles have not been critically reviewed by the ACPOPC Committee. For guidance on critical review of articles click this link for the [CSP's guidance](#). You may find it helpful to pick some of the articles for journal clubs, either with other therapists at your place of work or your ACPOPC regional network.

It's great to see a number of ACPOPC members names on publications here. If you have an article published in a peer-reviewed journal, please contact the research officer to ensure it is included in the next edition of the research directory.

Follow @ACPOPC on twitter for regular updates on research findings as they happen.

General Palliative Care

Bannon F, Cairnduff V, Fitzpatrick D, Blaney J, Gomes B, Gavin A and Donnelly C (2017) Insights into the factors associated with achieving the preference of home death in terminal cancer: A national population-based study. *Palliative & Supportive Care* 23: 1-7 [Abstract](#)

Cheville AL, Morrow M, Smith SR and Basford JR (2017) Integrating Function-Directed Treatments into Palliative Care. *PM&R* 9(9s2): S335-s346 [Abstract](#)

Fernandez-Sanchez JC, Perez-Marmol JM, Blasquez A, Santos-Ruiz AM and Peralta-Ramirez MI (2018) Association between burnout and cortisol secretion, perceived stress, and psychopathology in palliative care unit health professionals. *Palliative & Supportive Care* 16(3): 286-297 [Abstract](#)

Ferrell BR, Paterson CL, Hughes MT, Chung V, Koczywas M and Smith TJ (2017) Characteristics of participants enrolled onto a randomized controlled trial of palliative care for patients on phase I studies. *Journal of Palliative Medicine* 20(12): 1338-1344 [Abstract](#)

Guo P, Gao W, Higginson IJ and Harding R (2018) Implementing outcome measures in palliative care. *Journal of Palliative Medicine* 21(4): 414 [Abstract](#)

Harding R (2018) Palliative care as an essential component of the HIV care continuum. *Lancet HIV* 26(): s97-103 [Abstract](#)

Lee CH, Kim JK, Jun HJ, Lee DJ, Namkoong W and Oh JH (2018) Rehabilitation of advanced cancer patients in palliative care unit. *Annals of Rehabilitative Medicine* 42(1): 166-174 [Open Access](#)

Llobera J, Sanso N, Ruiz A, Llagostera M, Serratusell E, Serrano C, Rosello MLM, Benito E, Castano EJ and Leiva A (2017) Strengthening primary health care teams with palliative care leaders: protocol for a cluster randomized clinical trial. *BMC Palliative Care* 17(1): 4 [Open Access](#)

Loughran K, Rice S and Robinson L (2017) Living with incurable cancer: what are the rehabilitation needs in a palliative setting? *Disability and Rehabilitation* doi: 10.1080/09638288.2017.1408709 [Abstract](#)

Nottelmann L, Groenvold M, Vejlgard TB, Petersen MA and Jensen LH (2017) A parallel-group randomized clinical trial of individually tailored, multidisciplinary, palliative rehabilitation for patients with newly diagnosed advanced cancer: The Pal-Rehab study protocol. *BMC Cancer* 17(1): 560 [Open Access](#)

Olsson Moller U, Stigmar K, Beck I, Malmstrom M and Rasmussen BH (2018) Bridging gaps in everyday life - a free-listing approach to explore the variety of activities performed by physiotherapists in specialized palliative care. *BMC Palliative Care* 17(1): 20 [Open Access](#)

Wilson CM and Briggs R (2018) Physical therapy's role in opioid use and management during palliative and hospice care. *Physical Therapy* 98(2): 83-85 [Abstract](#)

Wittry SA, Lam NY and McNalley T (2018) The value of rehabilitation medicine for patients receiving palliative care. *American Journal of Hospice and Palliative Medicine* 35(6): 889-896 [Abstract](#)

Exercise in Palliative Care

Golcic M, Dobrila-Dintinjana R, Golcic G, Govic-Golcic L and Cubranic A (2018) Physical exercise: An evaluation of a new clinical biomarker of survival in hospice patients. *American Journal of Hospice and Palliative Medicine* doi: 10.1177/1049909118772566 [Abstract](#)

Maddocks M and Granger CL (2018) Measurement of physical activity in clinical practice and research: advances in cancer and chronic respiratory disease. *Current Opinion in Supportive and Palliative Care* 12(3): 219-226 [Abstract](#)

General Non-specific or Multi-site Cancer

Bayly J, Wakefield D, Hepgul N, Wilcock A, Higginson IJ and Maddocks M (2018) Changing health behaviour with rehabilitation in thoracic cancer: A systematic review and synthesis. *Psychooncology* 27(7): 1675-1694 [Abstract](#)

Bush SH, Lawlor PG, Ryan K, Centeno C, Lucchesi M, Kanji S, Siddiqi N, Morandi A, Davis DHJ, Laurent M, Schofield N, Barallat E and Ripamonti CI (2018) Delirium in adult cancer patients: ESMO Clinical Practice Guidelines. *Annals of Oncology* doi: 10.1093/annonc/mdy147 [Abstract](#)

Del Fabbro E, Orr TA and Stella SM (2017) Practical approaches to managing cancer patients with weight loss. *Current Opinion in Supportive and Palliative Care* 11(4): 272-277 [Abstract](#)

Gerber LH, Hodsdon B, Comis LE, Chan L, Gallin JI and McGarvey CL (2017) A brief historical perspective of cancer rehabilitation and contributions from the National Institutes of Health. *PM&R* 9(9s2): S297-

s304 [Abstract](#)

- Huang MH, Blackwood J, Godoshian M and Pfalzer L (2017) Prevalence of self-reported falls, balance or walking problems in older cancer survivors from Surveillance, Epidemiology and End Results-Medicare Health Outcomes Survey. *Journal of Geriatric Oncology* 8(4): 255-261 [Abstract](#)
- Huang MH, Blackwood J, Godoshian M and Pfalzer L (2018) Predictors of falls in older survivors of breast and prostate cancer: A retrospective cohort study of surveillance, epidemiology and end results-Medicare health outcomes survey linkage. *Journal of Geriatric Oncology* doi: 10.1016/j.jgo.2018.04.009 [Abstract](#)
- Jeffery E, Lee YG, McVeigh J, Straker L, Wooding T, Newton RU and Peddle-McIntyre C (2017) Feasibility of objectively measured physical activity and sedentary behavior in patients with malignant pleural effusion. *Supportive Care in Cancer* 25(10): 3133-3141 [Abstract](#)
- Kim PY and Johnson CE (2017) Chemotherapy-induced peripheral neuropathy: a review of recent findings. *Current Opinion in Anaesthesiology* 30(5): 570-576 [Abstract](#)
- Morishita S, Mitobe Y, Tsubaki A, Aoki O, Fu JB, Onishi H and Tsuji T (2018) Differences in balance function between cancer survivors and healthy subjects: A pilot study. *Integrated Cancer Therapies* doi: 10.1177/1534735418790387 [Abstract](#)
- Nijs J, Leysen L, Pas R, Adriaenssens N, Meeus M, Hoelen W, Ickmans K and Moloney N (2018) Treatment of pain following cancer: applying neuro-immunology in rehabilitation practice. *Disability and Rehabilitation* 40(6): 714-721 [Abstract](#)
- O'Connor D, Caulfield B and Lennon O (2018) The efficacy and prescription of neuromuscular electrical stimulation (NMES) in adult cancer survivors: a systematic review and meta-analysis. *Supportive Care in Cancer* doi: 10.1007/s00520-018-4342-7 [Abstract](#)
- Padgett LS, Asher A and Chevillat A (2018) The intersection of rehabilitation and palliative care: patients with advanced cancer in the inpatient rehabilitation setting. *Rehabilitation Nursing Journal* 43(4): 219-228 [Abstract](#)
- Pergolotti M, Lyons KD and Williams GR (2017) Moving beyond symptom management towards cancer rehabilitation for older adults: Answering the 5W's. *Journal of Geriatric Oncology* doi: 10.1016/j.jgo.2017.11.009 [Abstract](#)
- Pilegaard MS, la Cour K, Gregersen Oestergaard L, Johnsen AT, Lindahl-Jacobsen L, Hojris I and Brandt A (2018) The 'Cancer Home-Life Intervention': A randomised controlled trial evaluating the efficacy of an occupational therapy-based intervention in people with advanced cancer. *Palliative Medicine* 32(4): 744-756 [Open Access](#)
- Santos DZ, Leite ICG and Guerra MR (2018) Functional status of patients with metastatic spinal cord compression. *Supportive Care in Cancer* 26(9): 3225-3231 [Abstract](#)
- Socwell CP, Bucci L, Patchell S, Kotowicz E, Edbrooke L and Pope R (2018) Utility of Mayo Clinic's early screen for discharge planning tool for predicting patient length of stay, discharge destination, and readmission risk in an inpatient oncology cohort. *Supportive Care in Cancer* doi: 10.1007/s00520-018-4252-8 [Abstract](#)

- Vigano A, Kasvis P, Di Tomasso J, Gillis C, Kilgour R and Carli F (2017) Pearls of optimizing nutrition and physical performance of older adults undergoing cancer therapy. *Journal of Geriatric Oncology* 8(6): 428-436 [Abstract](#)
- Weeks A, Campbell C, Rajendram P, Shi W and Voigt L (2017) A descriptive report of early mobilization for critically ill ventilated patients with cancer. *Rehabilitation Oncology* 35(3): 144-150 [Open Access](#)
- White J, Park J, Russell KB, Reynolds KA, Madani A, Carlson LE and Giese-Davis J (2018) Falling through the cracks. A thematic evaluation of unmet needs of adult survivors of childhood cancers. *Psychooncology* doi: 10.1002/pon.475 [Abstract](#)
- Widgren Y and Enblom A (2017) Emesis in patients receiving acupuncture, sham acupuncture or standard care during chemo-radiation: A randomized controlled study. *Complementary Therapies in Medicine* 34: 16-25 [Abstract](#)
- Yang L, Koyanagi A, Smith L, Hu L, Colditz GA, Toriola AT, Lopez Sanchez GF, Vancampfort D, Hamer M, Stubbs B and Waldhor T (2018) Hand grip strength and cognitive function among elderly cancer survivors. *PLoS One* 13(6): e0197909 [Open Access](#)

Exercise in Non-specific or Multi-site Cancer

- Cummins C, Kayes NM, Reeve J, Smith G, MacLeod R and McPherson KM (2017) Navigating physical activity engagement following a diagnosis of cancer: A qualitative exploration. *European Journal of Cancer Care* 26(4): e12608 [Abstract](#)
- Demark-Wahnefried W, Schmitz KH, Alfano CM, Bail JR, Goodwin PJ, Thomson CA, Bradley DW, Courneya KS, Befort CA, Denlinger CS, Ligibel JA, Dietz WH, Stolley MR, Irwin ML, Bamman MM, Apovian CM, Pinto BM, Wolin KY, Ballard RM, Dannenberg AJ, Eakin EG, Longjohn MM, Raffa SD, Adams-Campbell LL, Buzaglo JS, Nass SJ, Massetti GM, Balogh EP, Kraft ES, Parekh AK, Sanghavi DM, Morris GS and Basen-Engquist K (2018) Weight management and physical activity throughout the cancer care continuum. *CA: Cancer Journal for Clinicians* 68(1): 64-89 [Open Access](#)
- Dennett AM, Peiris CL, Shields N, Morgan D and Taylor NF (2017) Exercise therapy in oncology rehabilitation in Australia: A mixed-methods study. *Asia-Pacific Journal of Clinical Oncology* 13(5): e515-e527 [Abstract](#)
- Dittus KL, Gramling RE and Ades PA (2017) Exercise interventions for individuals with advanced cancer: A systematic review. *Preventative Medicine* 104: 124-132 [Abstract](#)
- Haberlin C, O'Dwyer T, Mockler D, Moran J, O'Donnell DM and Broderick J (2018) The use of eHealth to promote physical activity in cancer survivors: a systematic review. *Supportive Care in Cancer* doi: 10.1007/s00520-018-4305-z [Abstract](#)
- Hilfiker R, Meichtry A, Eicher M, Nilsson Balfe L, Knols RH, Verra ML and Taeymans J (2018) Exercise and other non-pharmaceutical interventions for cancer-related fatigue in patients during or after cancer treatment: a systematic review incorporating an indirect-comparisons meta-analysis. *British Journal of Sports Medicine* 52(10): 651-658 [Open Access](#)
- Maltser S, Cristian A, Silver JK, Morris GS and Stout NL (2017) A focused review of safety considerations in cancer rehabilitation. *Pm&R* 9(9s2): S415-s428 [Abstract](#)

- Marker RJ, Cox-Martin E, Jankowski CM, Purcell WT and Peters JC (2018) Evaluation of the effects of a clinically implemented exercise program on physical fitness, fatigue, and depression in cancer survivors. *Supportive Care in Cancer* 26(6): 1861-1869 [Abstract](#)
- Marthick M, Dhillon HM, Alison JA, Cheema BS and Shaw T (2018) Development of a web portal for physical activity and symptom tracking in oncology patients: protocol for a prospective cohort study. *JMIR Research Protocols* 7(5): e136 [Open Access](#)
- Matsugaki R, Akebi T, Shitama H, Wada F and Saeki S (2018) Immediate effects of exercise intervention on cancer-related fatigue. *Journal of Physical Therapy Science* 30(2): 262-265 [Open Access](#)
- McDermott LA, Murphy MH, McNeilly AM, Rankin JP and Gracey JH (2018) Biological markers as an outcome measure of exercise in cancer rehabilitation: A systematic review. *Journal of Cancer Research and Therapeutics*. 14(2): 267-277 [Open Access](#)
- Mustian KM, Alfano CM, Heckler C, Kleckner AS, Kleckner IR, Leach CR, Mohr D, Palesh OG, Peppone LJ, Piper BF, Scarpato J, Smith T, Sprod LK and Miller SM (2017) Comparison of pharmaceutical, psychological, and exercise treatments for cancer-related fatigue: A meta-analysis. *JAMA Oncology* 3(7): 961-968 [Open Access](#)
- Ormel HL, van der Schoot GGF, Sluiter WJ, Jalving M, Gietema JA and Walenkamp AME (2018) Predictors of adherence to exercise interventions during and after cancer treatment: A systematic review. *Psychooncology* 27(3): 713-724 [Open Access](#)
- Patel JG and Bhise AR (2017) Effect of aerobic exercise on cancer-related fatigue. *Indian Journal of Palliative Care* 23(4): 355-361 [Open Access](#)
- Sheill G, Guinan E, O'Neill L, Hevey D and Hussey J (2018) Physical activity and advanced cancer: The views of chartered physiotherapists in Ireland. *Physiotherapy Theory and Practice*. 34(7): 534-541 [Abstract](#)
- Sheill G, Guinan E, Neill LO, Hevey D and Hussey J (2018) Physical activity and advanced cancer: the views of oncology and palliative care physicians in Ireland. *Irish Journal of Medical Science* 187(2): 337-342 [Abstract](#)
- Sheill G, Guinan EM, Peat N and Hussey J (2018) 'Considerations for exercise prescription in patients with bone metastases: a comprehensive narrative review. *Pm&R doi: 10.1016/j.pmrj.2018.02.006* [Abstract](#)
- Steffens D, Young J, Beckenkamp PR, Ratcliffe J, Rubie F, Ansari N, Pillinger N and Solomon M (2018) Feasibility and acceptability of PrE-operative Physical Activity to improve patient outcomes After major cancer surgery: study protocol for a pilot randomised controlled trial (PEPA Trial). *Trials* 19(1): 112 [Open Access](#)
- Stephensen D, Hashem F, Corbett K, Bates A, George M, Hobbs RP, Hopkins M, Hutchins I, Lowery DP, Pellatt-Higgins T, Stavropoulou C, Swaine I, Tomlinson L, Woodward H and Ali H (2018) Effects of preoperative and postoperative resistance exercise interventions on recovery of physical function in patients undergoing abdominal surgery for cancer: a systematic review of randomised controlled trials. *BMJ Open Sport and Exercise Medicine* 4(1): e000331. [Open Access](#)

Breast Cancer

- Amatya B, Khan F and Galea MP (2017) Optimizing post-acute care in breast cancer survivors: a rehabilitation perspective. *Journal of Multidisciplinary Healthcare* 10: 347-357 [Open Access](#)
- Baggi F, Nevola Teixeira LF, Gandini S, Simoncini MC, Bonacossa E, Sandrin F, Sciotto Marotta M, Lanni G, Dadda P, Colpani D and Luini A (2018) Axillary web syndrome assessment using a self-assessment questionnaire: a prospective cohort study. *Supportive Care in Cancer* 26(8): 2801-2807 [Abstract](#)
- Bland KA, Neil-Sztramko SE, Kirkham AA, Bonsignore A, Van Patten CL, McKenzie DC, Gelmon KA and Campbell KL (2018) Predictors of attendance to an oncologist-referred exercise program for women with breast cancer. *Supportive Care in Cancer* 26(9): 3297-3306 [Abstract](#)
- Bruce J, Williamson E, Lait C, Richmond H, Betteley L, Lall R, Petrou S, Rees S, Withers EJ, Lamb SE and Thompson AM (2018) Randomised controlled trial of exercise to prevent shoulder problems in women undergoing breast cancer treatment: study protocol for the prevention of shoulder problems trial (UK PROSPER). *BMJ Open* 8(3): e019078 [Open Access](#)
- Cieslak K and Golusinski W (2018) Coping with loss of ability vs. emotional control and self-esteem in women after mastectomy. *Reports of Practical Oncology & Radiotherapy* 23(3): 168-174 [Abstract](#)
- Conejo I, Pajares B, Alba E and Cuesta-Vargas AI (2018) Effect of neuromuscular taping on musculoskeletal disorders secondary to the use of aromatase inhibitors in breast cancer survivors: a pragmatic randomised clinical trial. *BMC Complementary and Alternative Medicine* 18(1): 180 [Open Access](#)
- De Groef A, Devoogdt N, Van Kampen M, Nevelsteen I, Smeets A, Neven P, Geraerts I, Dams L, Van der Gucht E and Debeer P (2018) Effectiveness of botulinum toxin a for persistent upper limb pain after breast cancer treatment: a double-blinded randomized controlled trial. *Archives of Physical Medicine and Rehabilitation* 99(7): 1342-1351 [Abstract](#)
- De Groef A, Geraerts I, Demeyer H, Van der Gucht E, Dams L, de Kinkelder C, Dukers-van Althuis S, Van Kampen M and Devoogdt N (2018) Physical activity levels after treatment for breast cancer: Two-year follow-up. *Breast* 40: 23-28 [Abstract](#)
- De Groef A, Meeus M, De Vrieze T, Vos L, Van Kampen M, Geraerts I and Devoogdt N (2018) Unraveling Self-Reported Signs of Central Sensitization in Breast Cancer Survivors with Upper Limb Pain: Prevalence Rate and Contributing Factors. *Pain Physician* 21(3): E247-e256 [Open Access](#)
- De Groef A, Van Kampen M, Verlooesem N, Dieltjens E, Vos L, De Vrieze T, Christiaens MR, Neven P, Geraerts I and Devoogdt N (2017) Effect of myofascial techniques for treatment of upper limb dysfunctions in breast cancer survivors: randomized controlled trial. *Supportive Care in Cancer* 25(7): 2119-2127 [Abstract](#)
- De Groef A, Van Kampen M, Vervloesem N, De Geyter S, Christiaens MR, Neven P, Vos L, De Vrieze T, Geraerts I and Devoogdt N (2017) Myofascial techniques have no additional beneficial effects to a standard physical therapy programme for upper limb pain after breast cancer surgery: a randomized controlled trial. *Clinical Rehabilitation* 31(12): 1625-1635 [Abstract](#)
- De Groef A, Van Kampen M, Vervloesem N, Dieltjens E, Christiaens MR, Neven P, Vos L, De Vrieze T, Geraerts I and Devoogdt N (2018) Effect of myofascial techniques for treatment of persistent arm pain after breast cancer treatment: randomized controlled trial. *Clinical Rehabilitation* 32(4): 451-

461 Abstract

- de Jesus Leite MAF, Puga GM, Arantes FJ, Oliveira CJF, Cunha LM, Bortolini MJS and Penha-Silva, N (2018) Effects of combined and resistance training on the inflammatory profile in breast cancer survivors: A systematic review. *Complementary Therapy in Medicine* 36: 73-81 Abstract
- Dolan LB, Barry D, Petrella T, Davey L, Minnes A, Yantzi A, Marzolini S and Oh P (2018) The cardiac rehabilitation model improves fitness, quality of life, and depression in breast cancer survivors. *Journal of Cardiopulmonary Rehabilitation and Prevention* 38(4): 246-252 Abstract
- Enblom A, Lindquist H and Bergmark K (2018) Participation in water-exercising long-term after breast cancer surgery: Experiences of significant factors for continuing exercising as a part of cancer rehabilitation. *European Journal of Cancer Care* 27(1) Abstract
- Galiano-Castillo N, Arroyo-Morales M, Lozano-Lozano M, Fernandez-Lao C, Martin-Martin L, Del-Moral-Avila R and Cantarero-Villanueva I (2017) Effect of an Internet-based telehealth system on functional capacity and cognition in breast cancer survivors: a secondary analysis of a randomized controlled trial. *Supportive Care in Cancer* 25(11): 3551-3559 Abstract
- Harder H, Holroyd P, Burkinshaw L, Watten P, Zammit C, Harris PR, Good A and Jenkins V. (2017) A user-centred approach to developing bWell, a mobile app for arm and shoulder exercises after breast cancer treatment. *Journal of Cancer Survivorship* 11(6):732-742 [Open Access](#)
- Harris SR (2018) Axillary web syndrome in breast cancer: a prevalent but under-recognized postoperative complication. *Breast Care* 13(2): 132-135 Abstract
- Ibrahim M, Muanza T, Smirnow N, Sateren W, Fournier B, Kavan P, Palumbo M, Dalfen R and Dalzell MA (2017) Time course of upper limb function and return-to-work post-radiotherapy in young adults with breast cancer: a pilot randomized control trial on effects of targeted exercise program. *Journal of Cancer Survivorship* 11(6): 791-799 Abstract
- Ibrahim M, Muanza T, Smirnow N, Sateren W, Fournier B, Kavan P, Palumbo M, Dalfen R and Dalzell MA (2018) A pilot randomized controlled trial on the effects of a progressive exercise program on the range of motion and upper extremity grip strength in young adults with breast cancer. *Clinical Breast Cancer* 18(1): e55-e64 Abstract
- Kenyon K, Hebron C, Vuoskoski P and McCrum C (2018) Physiotherapists' experiences of managing upper limb movement impairments due to breast cancer treatment. *Physiotherapy Theory and Practice* doi: 10.1080/09593985.2018.1480077 Abstract
- Kirkham AA, Eves ND, Shave RE, Bland KA, Bovard J, Gelmon KA, Virani SA, McKenzie DC, Stohr EJ, Waburton DER and Campbell KL (2018) The effect of an aerobic exercise bout 24 h prior to each doxorubicin treatment for breast cancer on markers of cardiotoxicity and treatment symptoms: a RCT. *Breast Cancer Research and Treatment* 167(3): 719-729 Abstract
- Kirkham AA, Van Patten CL, Gelmon KA, McKenzie DC, Bonsignore A, Bland KA and Campbell KL (2018) Effectiveness of oncologist-referred exercise and healthy eating programming as a part of supportive adjuvant care for early breast cancer. *Oncologist* 23(1): 105-115 Abstract
- Koehler LA, Hunter DW, Blaes AH and Haddad TC (2018) Function, shoulder motion, pain, and lymphedema in breast cancer with and without axillary web syndrome: an 18-month follow-up. *Physical Therapy*

98(6): 518-527 [Abstract](#)

- Lahart IM, Metsios GS, Nevill AM and Carmichael AR (2018) Physical activity for women with breast cancer after adjuvant therapy. *Cochrane Database Systematic Review* 1, Art. No.: Cd011292 [Open Access](#)
- Leclerc AF, Foidart-Dessalle M, Tomasella M, Coucke P, Devos M, Bruyere O, Bury T, Deflandre D, Jerusalem G, Lifrange E, Kaux JF, Crielaard JM and Maquet D (2017) Multidisciplinary rehabilitation program after breast cancer: benefits on physical function, anthropometry and quality of life. *European Journal of Physical and Rehabilitation Medicine* 53(5): 633-642 [Open Access](#)
- Lee K, Kang I, Mortimer JE, Sattler F, Mack WJ, Fitzsimons LA, Salem G and Dieli-Conwright CM (2018) Effects of high-intensity interval training on vascular function in breast cancer survivors undergoing anthracycline chemotherapy: design of a pilot study. *BMJ Open* 8(6): e022622 [Open Access](#)
- Leysen L, Beckwee D, Nijs J, Pas R, Bilterys T, Vermeir S and Adriaenssens N (2017) Risk factors of pain in breast cancer survivors: a systematic review and meta-analysis. *Supportive Care in Cancer* 25(12): 3607-3643 [Abstract](#)
- Liu L, Petrich S, McLaren B, Kelly L and Baxter GD (2018) An integrative Tai Chi program for patients with breast cancer undergoing cancer therapy: study protocol for a randomized controlled feasibility study. *Journal of Integrative Medicine* 16(2): 99-105 [Abstract](#)
- Luz CMD, Deitos J, Siqueira TC, Palu M and Heck APF (2017) Management of axillary web syndrome after breast cancer: evidence-based practice. *RBGO Gynecology & Obstetrics* 39(11): 632-639 [Open Access](#)
- Mafu TS, September AV and Shamley D (2018) The potential role of angiogenesis in the development of shoulder pain, shoulder dysfunction, and lymphedema after breast cancer treatment. *Cancer Management and Research* 10: 81-90 [Open Access](#)
- Neil-Sztramko SE, Winters-Stone KM, Bland KA and Campbell KL (2017) Updated systematic review of exercise studies in breast cancer survivors: attention to the principles of exercise training. *British Journal of Sports Medicine* doi: 10.1136/bjsports-2017-098389 [Abstract](#)
- Nelson JA, Lee IT and Disa JJ (2018) The functional impact of breast reconstruction: an overview and update. *Plastic and Reconstructive Surgery Global Open* 6(3): e1640 [Open Access](#)
- Ochalek K, Gradalski T, Szygula Z and Partsch H (2018) Physical activity with and without arm sleeves: compliance and quality of life after breast cancer surgery-a randomized controlled trial. *Lymphatic Research and Biology* 16(3): 294-299 [Abstract](#)
- Pullen T, Bottorff JL, Sabiston CM, Campbell KL, Eves ND, Ellard SL, Gotay C, Fitzpatrick K, Sharp P and Caperchione CM (2018) Utilizing RE-AIM to examine the translational potential of Project MOVE, a novel intervention for increasing physical activity levels in breast cancer survivors. *Translational Behavioral Medicine* doi: 10.1093/tbm/iby081 [Abstract](#)
- Pullen T, Sharp P, Bottorff JL, Sabiston CM, Campbell KL, Ellard SL, Gotay C, Fitzpatrick K and Caperchione CM (2018) Acceptability and satisfaction of project MOVE: A pragmatic feasibility trial aimed at increasing physical activity in female breast cancer survivors. *Psychooncology* 27(4): 1251-1256 [Open Access](#)

- Rafn BS, Hung S, Hoens AM, McNeely ML, Singh CA, Kwan W, Dingee C, McKeivitt EC, Kuusk U, Pao J, Van Laeken N, Goldsmith CH and Campbell KL (2018) Prospective surveillance and targeted physiotherapy for arm morbidity after breast cancer surgery: a pilot randomized controlled trial. *Clinical Rehabilitation* 32(6): 811-826 [Abstract](#)
- Rangon FB, Koga Ferreira VT, Rezende MS, Apolinario A, Ferro AP and Guirro ECO (2018) Ischemic compression and kinesiotherapy on chronic myofascial pain in breast cancer survivors. *Journal of Bodywork and Movement Therapies* 22(1): 69-75 [Abstract](#)
- Richmond H, Lait C, Srikesavan C, Williamson E, Moser J, Newman M, Betteley L, Fordham B, Rees S, Lamb SE and Bruce J (2018) Development of an exercise intervention for the prevention of musculoskeletal shoulder problems after breast cancer treatment: the prevention of shoulder problems trial (UK PROSPER). *BMC Health Services Research* 18(1): 463 [Open Access](#)
- Ritvo P, Obadia M, Santa Mina D, Alibhai S, Sabiston C, Oh P, Campbell K, McCready D, Auger L and Jones JM (2017) Smartphone-enabled health coaching intervention (imove) to promote long-term maintenance of physical activity in breast cancer survivors: protocol for a feasibility pilot randomized controlled trial. *JMIR Research Protocols* 6(8): e165 [Open Access](#)
- Santa Mina D, Brahmabhatt P, Lopez C, Baima J, Gillis C, Trachtenberg L and Silver JK (2017) The case for prehabilitation prior to breast cancer treatment. *Pm&R* 9(9s2): S305-s316 [Abstract](#)
- Serra MC, Ryan AS, Ortmeyer HK, Addison O and Goldberg AP (2018) Resistance training reduces inflammation and fatigue and improves physical function in older breast cancer survivors. *Menopause* 25(2): 211-216 [Abstract](#)
- Sowa M, Glowacka-Mrotek I, Monastyrska E, Nowikiewicz T, Mackiewicz-Milewska M, Hagner W and Zegarski W (2018) Assessment of quality of life in women five years after breast cancer surgery, members of Breast Cancer Self-Help Groups - non-randomized, cross-sectional study. *Contemporary Oncology* 22(1): 20-26 [Open Access](#)
- Stubblefield MD (2017) The underutilization of rehabilitation to treat physical impairments in breast cancer survivors. *Pm&R* 9(9s2): S317-s323 [Abstract](#)
- van der Leeden M, Huijsmans RJ, Geleijn E, de Rooij M, Konings IR, Buffart LM, Dekker J and Stuiver MM (2018) Tailoring exercise interventions to comorbidities and treatment-induced adverse effects in patients with early stage breast cancer undergoing chemotherapy: a framework to support clinical decisions. *Disability and Rehabilitation* 40(4): 486-496 [Abstract](#)
- van Waart H, van Dongen JM, van Harten WH, Stuiver MM, Huijsmans R, Hellendoorn-van Vreeswijk J, Sonke GS and Aaronson NK (2018) Cost-utility and cost-effectiveness of physical exercise during adjuvant chemotherapy. *European Journal of Health Economics* 19(6): 893-904 [Abstract](#)
- Zengin Alpozgen A, Razak Ozdinciler A, Karanlik H, Yaman Agaoglu F and Narin AN (2017) Effectiveness of Pilates-based exercises on upper extremity disorders related with breast cancer treatment. *European Journal of Cancer Care* 26(6) [Abstract](#)

Lymphoedema

- Baxter GD, Liu L, Tumilty S, Petrich S, Chapple C and Anders JJ (2018) Low level laser therapy for the management of breast cancer-related lymphedema: A randomized controlled feasibility study. *Lasers Surg Med* doi: 10.1002/lsm.22947 [Abstract](#)
- Benoughidane B, Simon L, Fourgeaud C and Vignes S (2018) Low-stretch bandages to treat primary lower limb lymphoedema: a cohort of 48 children. *British Journal of Dermatology* doi: 10.1111/bjd.16884 [Abstract](#)
- De Vrieze T, Vos L, Gebruers N, Tjalma WAA, Thomis S, Neven P, Nevelsteen I, De Groef A, Vandermeeren L, Belgrado JP and Devoogdt N (2018) Protocol of a randomised controlled trial regarding the effectiveness of fluoroscopy-guided manual lymph drainage for the treatment of breast cancer-related lymphoedema (EforT-BCRL trial). *European Journal of Obstetrics & Gynecology and Reproductive Biology* 221: 177-188 [Abstract](#)
- Do J, Jeon J and Kim W (2017) The effects of bandaging with an additional pad and taping on secondary arm lymphedema in a patient after mastectomy. *Journal of Physical Therapy Science* 29(7): 1272-1275 [Open Access](#)
- Garza R, 3rd Skoracki R, Hock K and Povoski SP (2017) A comprehensive overview on the surgical management of secondary lymphedema of the upper and lower extremities related to prior oncologic therapies. *BMC Cancer* 17(1): 468 [Open Access](#)
- Gebruers N, Verbelen H, De Vrieze T, Vos L, Devoogdt N, Fias L and Tjalma W (2017) Current and future perspectives on the evaluation, prevention and conservative management of breast cancer related lymphoedema: A best practice guideline. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 216: 245-253 [Abstract](#)
- Ha KJ, Lee SY, Lee H and Choi SJ (2017) Synergistic Effects of Proprioceptive Neuromuscular Facilitation and Manual Lymphatic Drainage in Patients with Mastectomy-Related Lymphedema. *Frontiers in Physiology* 8: 959 [Open Access](#)
- Hahamoff M, Gupta N, Munoz D, Lee BT, Clevenger P, Shaw C, Spiguel L and Singhal D (2018) A lymphedema surveillance program for breast cancer patients reveals the promise of surgical prevention. *Journal of Surgical Research* doi: 10.1016/j.jss.2017.10.008 [Abstract](#)
- Hayes SC, Janda M, Ward LC, Reul-Hirche H, Steele ML, Carter J, Quinn M, Cornish B and Obermair A (2017) Lymphedema following gynecological cancer: Results from a prospective, longitudinal cohort study on prevalence, incidence and risk factors. *Gynecologic Oncology* 146(3): 623-629 [Abstract](#)
- Hidding JT, Beurskens CHG, De Vries MT, Nijhuis-van der Sanden MWG, van Laarhoven HWM and van der Wees PJ (2018) Accuracy of a single measurement site for self-monitoring of patients with breast cancer at risk for lymphedema. *Physiotherapy Theory and Practice* doi: 10.1080/09593985.2018.1474404 [Abstract](#)
- Hidding JT, Beurskens CHG, van der Wees PJ, Bos W, Nijhuis-van der Sanden MWG and van Laarhoven HWM (2018) Changes in volume and incidence of lymphedema during and after treatment with docetaxel, doxorubicin, and cyclophosphamide (TAC) in patients with breast cancer. *Supportive Care in Cancer* 26(5): 1383-1392 [Open Access](#)

- Kasawara KT, Mapa JMR, Ferreira V, Added MAN, Shiwa SR, Carvas N, and Batista PA (2018) Effects of Kinesio Taping on breast cancer-related lymphedema: A meta-analysis in clinical trials. *Physiotherapy Theory and Practice* 34(5): 337-345 [Abstract](#)
- Klernas P, Johnsson A, Horstmann V and Johansson K (2017) Health-related quality of life in patients with lymphoedema - a cross-sectional study. *Scandinavian Journal of Caring Sciences* doi: 10.1111/scs.12488 [Abstract](#)
- Levenhagen K, Davies C, Perdomo M, Ryans K and Gilchrist L (2017) Diagnosis of upper quadrant lymphedema secondary to cancer: clinical practice guideline from the oncology section of the American Physical Therapy Association. *Physical Therapy* 97(7): 729-745 [Open Access](#)
- Luz RPC, Simao Haddad CA, Rizzi S, Elias S, Nazario ACP and Facina G (2018) Complex therapy physical alone or associated with strengthening exercises in patients with lymphedema after breast cancer treatment: a controlled clinical trial. *Asian Pacific Journal of Cancer Prevention* 19(5): 1405-1410 [Open Access](#)
- Mazor M, Lee JQ, Peled A, Zerzan S, Irwin C, Chesney MA, Serrurier K, Sbitany H, Dhruva A, Sacks D and Smoot B (2018) The effect of yoga on arm volume, strength, and range of motion in women at risk for breast cancer-related lymphedema. *Journal of Alternative and Complementary Medicine* 24(2): 154-160 [Abstract](#)
- Panchik D, Masco S, Zinnikas P, Hillriegel B, Lauder T, Suttman E, Chinchilli V, McBeth M and Hermann W (2018) The effect of exercise on breast cancer-related lymphedema: what the lymphatic surgeon needs to know. *Journal of Reconstructive Microsurgery* doi: 10.1055/s-0038-1660832 [Abstract](#)
- Rio-Gonzalez A, Molina-Rueda F, Palacios-Cena D and Alguacil-Diego IM (2018) Living with lymphoedema- the perspective of cancer patients: a qualitative study. *Supportive Care in Cancer* 26(6): 2005-2013 [Abstract](#)
- Yeung W and Semciw AI (2018) Aquatic therapy for people with lymphedema: a systematic review and meta-analysis. *Lymphatic Research and Biology* 16(1): 9-19 [Abstract](#)

Lung Cancer

- Bertani A, Ferrari P, Terzo D, Russo E, Burgio G, De Monte L, Raffaele F, Droghetti A and Crisci R (2018) A comprehensive protocol for physiokinesis therapy and enhanced recovery after surgery in patients undergoing video-assisted thoracoscopic surgery lobectomy. *Journal of Thoracic Disease* 10(Suppl 4): S499-s511 [Open Access](#)
- Boujibar F, Bonnevie T, Debeaumont D, Bubenheim M, Cuvellier A, Peillon C, Gravier FE and Baste JM (2018) Impact of prehabilitation on morbidity and mortality after pulmonary lobectomy by minimally invasive surgery: a cohort study. *Journal of Thoracic Disease* 10(4): 2240-2248 [Open Access](#)
- Brocki BC, Westerdahl E, Langer D, Souza DSR and Andreasen JJ (2018) Decrease in pulmonary function and oxygenation after lung resection. *ERJ Open Research* 4(1) [Open Access](#)
- Cheng CS, Chen LY, Ning ZY, Zhang CY, Chen H, Chen Z, Zhu XY and Xie J (2017) Acupuncture for cancer-related fatigue in lung cancer patients: a randomized, double blind, placebo-controlled pilot trial. *Supportive Care in Cancer* 25(12): 3807-3814 [Abstract](#)

- Dhillon HM, Bell ML, van der Ploeg HP, Turner JD, Kabourakis M, Spencer L, Lewis C, Hui R, Blinman P, Clarke SJ, Boyer MJ and Vardy JL (2017) Impact of physical activity on fatigue and quality of life in people with advanced lung cancer: a randomized controlled trial. *Annals of Oncology* 28(8): 1889-1897 [Abstract](#)
- Edbrooke L, Aranda S, Granger CL, McDonald CF, Krishnasamy M, Mileskin L, Irving L, Braat S, Clark RA, Gordon I and Denehy L (2017) Benefits of home-based multidisciplinary exercise and supportive care in inoperable non-small cell lung cancer - protocol for a phase II randomised controlled trial. *BMC Cancer* 17(1): 663 [Open Access](#)
- Esteban PA, Hernandez N, Novoa NM and Varela G (2017) Evaluating patients' walking capacity during hospitalization for lung cancer resection. *Interactive Cardiovascular and Thoracic Surgery* 25(2): 268-271 [Abstract](#)
- Fugazzaro S, Costi S, Mainini C, Kopliku B, Rapicetta C, Piro R, Bardelli R, Rebelo PFS, Galeone C, Sgarbi G, Lococo F, Paci M, Ricchetti T, Cavuto S, Merlo DF and Tenconi S (2017) PUREAIR protocol: randomized controlled trial of intensive pulmonary rehabilitation versus standard care in patients undergoing surgical resection for lung cancer. *BMC Cancer* 17(1): 508 [Open Access](#)
- Glogowska O, Glogowski M and Szmit S (2017) Intensive rehabilitation as an independent determinant of better outcome in patients with lung tumors treated by thoracic surgery. *Archives of Medical Science* 13(6): 1442-1448 [Open Access](#)
- Granger CL, Parry SM, Denehy L and Remedios L (2018) Evidence, education and multi-disciplinary integration are needed to embed exercise into lung cancer clinical care: A qualitative study involving physiotherapists. *Physiotherapy Theory and Practice* 34(11): 852-860 [Abstract](#)
- Lai Y, Huang J, Yang M, Su J, Liu J, Che G (2017) Seven-day intensive preoperative rehabilitation for elderly patients with lung cancer: a randomized controlled trial. *Journal of Surgical Research* 209: 30-36 [Abstract](#)
- Laurent H, Galvaing G, Thivat E, Coudeyre E, Aubreton S, Richard R, Kwiatkowski F, Costes F and Filaire M (2017) Effect of an intensive 3-week preoperative home rehabilitation programme in patients with chronic obstructive pulmonary disease eligible for lung cancer surgery: a multicentre randomised controlled trial. *BMJ Open* 7(11): e017307. [Open Access](#)
- Maddocks M and Granger C (2017) Lower limb muscle function and exercise performance in lung cancer. *Respirology* 22(6): 1053-1054 [Open Access](#)
- Sebio Garcia R, Yanez-Brage MI, Gimenez Moolhuyzen E, Salorio Riobo M, Lista Paz A and Borro Mate JM (2017) Preoperative exercise training prevents functional decline after lung resection surgery: a randomized, single-blind controlled trial. *Clinical Rehabilitation* 31(8): 1057-1067 [Abstract](#)
- Smith SR, Khanna A and Wisotzky EM (2017) An Evolving Role for Cancer Rehabilitation in the Era of Low-Dose Lung Computed Tomography Screening. *Pm&R* 9(9s2): S407-s414 [Abstract](#)
- Steffens D, Beckenkamp PR, Hancock M, Solomon M and Young J (2018) Preoperative exercise halves the postoperative complication rate in patients with lung cancer: a systematic review of the effect of exercise on complications, length of stay and quality of life in patients with cancer. *British Journal of Sports Medicine* 52(5): 344 [Abstract](#)

Timmerman JGJ, Dekker-van Weering M, Wouters M, Stuiver M, de Kanter WW and Vollenbroek-Hutten M (2018) Physical behavior and associations with health outcomes in operable NSCLC patients: A prospective study. *Lung Cancer* 119: 91-98 [Open Access](#)

Uda K, Matsui H, Fushimi K and Yasunaga H (2017) Preoperative short-term plus postoperative physical therapy versus postoperative physical therapy alone for patients undergoing lung cancer surgery: retrospective analysis of a nationwide inpatient database. *European Journal of Cardiothoracic Surgery* doi: 10.1093/ejcts/ezx301 [Abstract](#)

Gastrointestinal Cancer

Bennett AE, O'Neill L, Connolly D, Guinan EM, Boland L, Doyle SL, O'Sullivan J, Reynolds JV and Hussey J (2018) Patient experiences of a physiotherapy-led multidisciplinary rehabilitative intervention after successful treatment for oesophago-gastric cancer. *Supportive Care in Cancer* 26(8): 2615-2623 [Abstract](#)

Berkel AE, Bongers BC, van Kamp MS, Kotte H, Weltevreden P, de Jongh FH, Eijsvogel MM, Wymenga AN, Bigirwamungu-Bargeman M, van der Palen J, van Det MJ, van Meeteren NLU and Klaase JM (2018) The effects of prehabilitation versus usual care to reduce postoperative complications in high-risk patients with colorectal cancer or dysplasia scheduled for elective colorectal resection: study protocol of a randomized controlled trial. *BMC Gastroenterology* 18(1): 29 [Open Access](#)

Cantarero-Villanueva I, Cuesta-Vargas AI, Lozano-Lozano M, Fernandez-Lao C, Fernandez-Perez A and Galiano-Castillo N (2017) Changes in pain and muscle architecture in colon cancer survivors after a lumbopelvic exercise program: a secondary analysis of a randomized controlled trial. *Pain Medicine* 18(7): 1366-1376 [Abstract](#)

Gannon JA, Guinan EM, Doyle SL, Beddy P, Reynolds JV and Hussey J (2017) Reduced fitness and physical functioning are long-term sequelae after curative treatment for esophageal cancer: a matched control study. *Diseases of the Esophagus* 30(8):1-7 [Abstract](#)

Guinan EM, Doyle SL, Bennett AE, O'Neill L, Gannon J, Elliott JA, O'Sullivan J, Reynolds JV and Hussey J (2018) Sarcopenia during neoadjuvant therapy for oesophageal cancer: characterising the impact on muscle strength and physical performance. *Supportive Care in Cancer* 26(5): 1569-1576 [Abstract](#)

Kogure E, Hara T, Ishii T and Maeda M (2017) Changes in fatigue and physical function with age for patients with gastrointestinal cancer in the perioperative period: a comparison between older and young patients. *Journal of Physical Therapy Science* 29(11): 2004-2008 [Open Access](#)

Lin KY, Denehy L, Frawley HC, Wilson L and Granger CL (2018) Pelvic floor symptoms, physical, and psychological outcomes of patients following surgery for colorectal cancer. *Physiotherapy Theory and Practice* 34(6): 442-452 [Abstract](#)

Lin KY, Denehy L, Granger CL and Frawley HC (2018) Pelvic floor outcomes in patients who have undergone general rehabilitation following surgery for colorectal cancer: A pilot study. *Physiotherapy Theory and Practice* doi: 10.1080/09593985.2018.1443184 [Abstract](#)

O'Neill L, Gannon J, Guinan E, Reynolds JV and Hussey J (2017) Multidisciplinary rehabilitation across the esophageal cancer journey. *Journal of Thoracic Disease* 9(12): E1140-e1142 [Open Access](#)

- O'Neill L, Moran J, Guinan EM, Reynolds JV and Hussey J (2018) Physical decline and its implications in the management of oesophageal and gastric cancer: a systematic review. *Journal of Cancer Survivorship* 12(4): 601-618 [Abstract](#)
- O'Neill LM, Guinan E, Doyle SL, Bennett AE, Murphy C, Elliott JA, O'Sullivan J, Reynolds JV and Hussey J (2018) The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship. *Annals of Surgery* doi: 10.1097/SLA.0000000000002895 [Abstract](#)
- Powell-Chandler A, Rees B, Broad C, Torkington J, O'Neill C and Cornish JA (2018) Physiotherapy and Anterior Resection Syndrome (PARIS) trial: feasibility study protocol. *BMJ Open* 8(6): e021855 [Open Access](#)
- Valkenet K, Trappenburg JC, Ruurda JP, Guinan EM, Reynolds JV, Nafteux P, Fontaine M, Rodrigo HE, van der Peet DL, Hania SW, Sosef MN, Willms J, Rosman C, Pieters H, Scheepers JJ, Faber T, Kouwenhoven EA, Tinselboer M, Rasanen J, Ryyananen H, Gosselink R, van Hillegersberg R and Backx FJ (2018) Multicentre randomized clinical trial of inspiratory muscle training versus usual care before surgery for oesophageal cancer. *British Journal of Surgery* 105(5): 502-511 [Abstract](#)
- van Egmond MA, van der Schaaf M, Hagens ERC, van Laarhoven HWM, van Berge Henegouwen MI, Haverkort EB, Engelbert RHH and Gisbertz SS (2018) Muscle strength is associated with muscle mass in patients with esophageal cancer awaiting surgery. *Journal of Geriatric Physical Therapy* doi: 10.1519/JPT.0000000000000200 [Abstract](#)
- van Rooijen SJ, Engelen MA, Scheede-Bergdah C, Carli F, Roumen RM, Slooter GD and Schep G (2018) Systematic review of exercise training in colorectal cancer patients during treatment. *Scandinavian Journal of Medicine & Science in Sports* 28(2): 360-370 [Abstract](#)
- van Waart H, Stuiver MM, van Harten WH, Geleijn E, de Maaker-Berkhof M, Schrama J, Geenen MM, Meerum Terwogt JM, van den Heiligenberg SM, Hellendoorn-van Vreeswijk J, Sonke GS and Aaronson NK (2018) Recruitment to and pilot results of the PACES randomized trial of physical exercise during adjuvant chemotherapy for colon cancer. *International Journal of Colorectal Disease* 33(1), pp. 29-40 [Abstract](#)
- Whibley J, Peters CJ, Halliday LJ, Chaudry AM and Allum WH (2018) Poor performance in incremental shuttle walk and cardiopulmonary exercise testing predicts poor overall survival for patients undergoing esophago-gastric resection. *European Journal of Surgical Oncology* 44(5): 594-599 [Abstract](#)

Head and Neck Cancer

- Bauml J, Kim J, Zhang X, Aggarwal C, Cohen RB and Schmitz K (2017) Unsupervised exercise in survivors of human papillomavirus related head and neck cancer: how many can go it alone? *Journal of Cancer Survivorship* 11(4): 462-468 [Abstract](#)
- Chen YH, Liang WA, Hsu CY, Guo SL, Lien SH, Tseng HJ and Chao YH (2018) Functional outcomes and quality of life after a 6-month early intervention program for oral cancer survivors: a single-arm clinical trial. *PeerJ* 6: e4419 [Open Access](#)
- Gane EM, McPhail SM, Hatton AL, Panizza BJ and O'Leary SP (2017) Predictors of health-related quality of life in patients treated with neck dissection for head and neck cancer. *European Archives of Oto-*

Rhino-Laryngology 274(12): 4183-4193 [Abstract](#)

Gane EM, McPhail SM, Hatton AL, Panizza BJ and O'Leary SP (2018) The relationship between physical impairments, quality of life and disability of the neck and upper limb in patients following neck dissection. *Journal of Cancer Survivorship* doi: 10.1007/s11764-018-0697-5 [Abstract](#)

Kirschner M and Sherlock J (2018) Collaboration between cancer survivorship and rehabilitation programs with head and neck patients. *Rehabilitation Nursing* 43(4): 214-218 [Open Access](#)

Landeen KC, Spanos WC and Gromer L (2018) Topical superoxide dismutase in posttreatment fibrosis in patients with head and neck cancer. *Head & Neck* 40(7): 1400-1405 [Abstract](#)

McEwen SE, Dunphy C, Rios JN, Davis AM, Jones J, Martino R, Poon I and Ringash J (2018) Evaluation of a rehabilitation planning consult for survivors of head and neck cancer. *Head & Neck* 40(7): 1415-1424 [Abstract](#)

Ringash J, Bernstein LJ, Devins G, Dunphy C, Giuliani M, Martino R and McEwen S (2018) Head and neck cancer survivorship: learning the needs, meeting the needs. *Seminars in Radiation Oncology* 28(1): 64-74 [Abstract](#)

Rodriguez AM, Komar A, Ringash J, Chan C, Davis AM, Jones J, Martino R and McEwen S (2018) A scoping review of rehabilitation interventions for survivors of head and neck cancer. *Disability and Rehabilitation* doi: 10.1080/09638288.2018.1459880 [Abstract](#)

Su TL, Chen AN, Leong CP, Huang YC, Chiang CW, Chen IH and Lee YY (2017) The effect of home-based program and outpatient physical therapy in patients with head and neck cancer: A randomized, controlled trial. *Oral Oncology* 74: 130-134 [Abstract](#)

Syczewska M, Krajewski R, Kirwil M, Szczerbik E and Kalinowska M (2018) Gait changes in patients after reconstruction of facial bones with fibula and iliac crest free vascularized flaps. *Acta of Bioengineering and Biomechanics* 20(1): 185-190 [Abstract](#)

Wu P, Peng Z, Chen J and Hu Y (2018) Uncertain effect of preventative shoulder rehabilitation for patients who underwent total laryngectomy with neck dissection. *European Archives of Oto-rhino-laryngology* 275(3): 795-801 [Abstract](#)

Prostate, Kidney & Urinary Tract Cancer

Dawson JK, Dorff TB, Todd Schroeder E, Lane CJ, Gross ME and Dieli-Conwright CM (2018) Impact of resistance training on body composition and metabolic syndrome variables during androgen deprivation therapy for prostate cancer: a pilot randomized controlled trial. *BMC Cancer* 18(1): 368 [Open Access](#)

Fox L, Cahill F, Burgess C, Peat N, Rudman S, Kinsella J, Cahill D, George G, Santaolalla A and Van Hemelrijck M (2017) Real world evidence: a quantitative and qualitative glance at participant feedback from a free-response survey investigating experiences of a structured exercise intervention for men with prostate cancer. *Biomed Research International* doi: 10.1155/2017/3507124 [Open Access](#)

Jeffrey A, Harrington SE, Hill A, Roscow A and Alappattu M (2017) Oncology section EDGE task force on urogenital cancer: a systematic review of clinical measures for incontinence. *Rehabilitation Oncology* 35(3): 130-136 [Open Access](#)

Laurienzo CE, Magnabosco WJ, Jabur F, Faria EF, Gameiro MO, Sarri AJ, Kawano PR, Yamamoto HA, Reis LO and Amaro JL (2018) Pelvic floor muscle training and electrical stimulation as rehabilitation after radical prostatectomy: a randomized controlled trial. *Journal of Physical Therapy Science* 30(6): 825-831 [Open Access](#)

Paterson C, Primeau C, Pullar I and Nabi G (2018) Development of a prehabilitation multimodal supportive care interventions for men and their partners before radical prostatectomy for localized prostate cancer. *Cancer Nursing* doi: 10.1097/NCC.0000000000000618 [Abstract](#)

Rammant E, Decaestecker K, Bultijnck R, Sundahl N, Ost P, Pauwels NS, Deforche B, Pieters R and Fonteyne V (2018) A systematic review of exercise and psychosocial rehabilitation interventions to improve health-related outcomes in patients with bladder cancer undergoing radical cystectomy. *Clinical Rehabilitation* 32(5): 594-606 [Abstract](#)

Sathianathen NJ, Johnson L, Bolton D and Lawrentschuk NL (2017) An objective measurement of urinary continence recovery with pelvic floor physiotherapy following robotic assisted radical prostatectomy. *Translational Andrology and Urology* 6(Suppl 2): S59-s63 [Open Access](#)

Sheill G, Brady L, Guinan E, Hayes B, Casey O, Greene J, Vljajnic T, Cahill F, Van Hemelrijck M, Peat N, Rudman S, Hussey J, Cunningham M, Grogan L, Lynch T, Manecksha RP, McCaffrey J, Mucci L, Sheils O, O'Leary J, O'Donnell DM, McDermott R and Finn S (2017) The ExPeCT (Examining Exercise, Prostate Cancer and Circulating Tumour Cells) trial: study protocol for a randomised controlled trial. *Trials* 18(1): 456 [Open Access](#)

Sheill G, Guinan E, Neill LO, Hevey D and Hussey J (2018) The views of patients with metastatic prostate cancer towards physical activity: a qualitative exploration. *Supportive Care in Cancer* 26(6): 1747-1754 [Abstract](#)

Paediatric Cancer

Bhardwaj T and Koffman J (2017) Non-pharmacological interventions for management of fatigue among children with cancer: systematic review of existing practices and their effectiveness. *BMJ Supportive & Palliative Care* 7(4): 404-414 [Abstract](#)

Gilchrist LS and Tanner LR (2018) Short-term recovery of balance control: association with chemotherapy-induced peripheral neuropathy in pediatric oncology. *Pediatric Physical Therapy* 30(2): 119-124 [Abstract](#)

Groves AP, Gettinger K, Druley TE, Kozel BA, Shinawi M, Mohrmann C, Henry J, Jacobi C, Trinkaus K and Hayashi RJ (2018) Special therapy and psychosocial needs identified in a multidisciplinary cancer predisposition syndrome clinic. *Journal of Pediatric Hematology/Oncology* doi: 10.1097/MPH.0000000000001251 [Abstract](#)

Ibanez K, Espiritu N, Souverain RL, Stimler L, Ward L, Riedel ER, Lehrman R, Boulad F and Stubblefield MD (2018) Safety and feasibility of rehabilitation interventions in children undergoing hematopoietic stem cell transplant with thrombocytopenia. *Archives of Physical Medicine and Rehabilitation* 99(2): 226-233 [Abstract](#)

Johnston K, Deliva R and Evans C (2017) Mobilization patterns of children on a hematology/oncology inpatient ward. *Pediatric Blood & Cancer* 64(11) [Abstract](#)

Muller C, Rosenbaum D and Krauth KA (2017) Prospective evaluation of postural control and gait in pediatric patients with cancer after a 4-week inpatient rehabilitation program. *American Journal of Physical Medicine & Rehabilitation* 96(9): 646-653 [Abstract](#)

Wacker K, Tanner L, Ovans J, Mason J and Gilchrist L (2017) Improving functional mobility in children and adolescents undergoing treatment for non-central nervous system cancers: a systematic review. *Pm&R* 9(9s2): S385-s397 [Abstract](#)

Haematology

Abo S, Ritchie D, Denehy L, Panek-Hudson Y, Irving L and Granger CL (2018) A hospital and home-based exercise program to address functional decline in people following allogeneic stem cell transplantation. *Supportive in Care Cancer* 26(6):1727-1736 [Abstract](#)

Bakhsh HR, Mohammed J and Hashmi SK (2018) Are graft-versus-host-disease patients missing out on the vital occupational therapy services? a systematic review. *International Journal of Rehabilitation Research* 41(2): 110-113 [Abstract](#)

Deckert AL, Gheihman G, Nissim R, Chung C, Schimmer AD, Zimmermann C and Rodin G (2018) The importance of meaningful activity in people living with acute myeloid leukemia. *Leukemia Research* 67: 86-91 [Abstract](#)

Mohammed J, Savani BN, El-Jawahri A, Vanderklish J, Cheville AL and Hashmi SK (2018) Is there any role for physical therapy in chronic GvHD? *Bone Marrow Transplantation* 53(1): 22-28 [Abstract](#)

Pedersen KM, Zangger G, Brochmann N, Gronfeldt BM, Zwisler AD, Hasselbalch HC and Tang LH (2018) The effectiveness of exercise-based rehabilitation to patients with myeloproliferative neoplasms - An explorative study. *European Journal of Cancer Care* doi: 10.1111/ecc.12865 [Abstract](#)

Persoon S, Chinapaw MJ, Buffart LM, Brug J, Kersten MJ and Nollet F (2018) Lessons learnt from a process evaluation of an exercise intervention in patients treated with autologous stem cell transplantation. *European Journal of Cancer Care* 27(1) [Open Access](#)

CNS Cancer

Gehring K, Kloek CJ, Aaronson NK, Janssen KW, Jones LW, Sitskoorn MM and Stuiver MM (2018) Feasibility of a home-based exercise intervention with remote guidance for patients with stable grade II and III gliomas: a pilot randomized controlled trial. *Clinical Rehabilitation* 32(3): 352-366 [Abstract](#)

Giammalva GR, Iacopino DG, Azzarello G, Gaggiotti C, Graziano F, Guli C, Pino MA and Maugeri R (2018) End-of-life care in high-grade glioma patients. The palliative and supportive perspective. *Brain Science* 8(7) [Open Access](#)

Hansen A, Sogaard K and Minet LR (2018) Development of an exercise intervention as part of rehabilitation in a glioblastoma multiforme survivor during irradiation treatment: a case report. *Disability and Rehabilitation* doi: 10.1080/09638288.2018.1432707 [Abstract](#)

Hansen A, Sogaard K, Minet LR and Jarden JO (2018) A 12-week interdisciplinary rehabilitation trial in patients with gliomas - a feasibility study. *Disability and Rehabilitation* 40(12): 1379-1385 [Abstract](#)

McCarty S, Eickmeyer SM, Kocherginsky M, Keeshin S, Shahpar S, Semik P and Wong AW (2017) Health-related quality of life and cancer-related symptoms during interdisciplinary outpatient rehabilitation for malignant brain tumor. *American Journal of Physical Medicine & Rehabilitation* 96(12): 852-860 [Abstract](#)

Sarcoma

Bekkering WP, van Egmond-van Dam JC, Bramer JA, Beishuizen A, Fiocco, M and Dijkstra PD (2017) Quality of life after bone sarcoma surgery around the knee: A long-term follow-up study. *European Journal of Cancer Care* 26(4) [Abstract](#)

Interiano RB, Kaste SC, Li C, Srivastava DK, Rao BN, Warner WC, Green DM, Krasin MJ, Robison LL, Davidoff AM, Hudson MM, Fernandez-Pineda I and Ness KK (2017) Associations between treatment, scoliosis, pulmonary function, and physical performance in long-term survivors of sarcoma. *Journal of Cancer Survivorship* 11(5): 553-561 [Abstract](#)

Gynaecological Cancer

Schofield C, Newton RU, Cohen PA, Galvao DA, McVeigh JA, Mohan GR, Tan J, Salfinger SG, Straker LM and Peddle-McIntyre CJ (2018) Health-related quality of life and pelvic floor dysfunction in advanced-stage ovarian cancer survivors: associations with objective activity behaviors and physiological characteristics. *Supportive Care in Cancer* 26(7): 2239-2246 [Abstract](#)

Progressive Neurological Disease

Carlozzi NE, Hahn EA, Frank SA, Perlmutter JS, Downing ND, McCormack MK, Barton S, Nance MA and Schilling SG (2018) A new measure for end of life planning, preparation, and preferences in Huntington disease: HDQLIFE end of life planning. *Journal of Neurology* 265(1): 98-107 [Abstract](#)

Cheng HW, Chen WT, Chu CK, Lee S, Lee JS, Hong YF and Chung YK (2017) The development of neurology palliative care service for motor neuron disease (MND) patients: Hong Kong experience. *Annals of Palliative Medicine* doi: 10.21037/apm.2017.08.17 [Abstract](#)

de Visser M and Oliver DJ (2017) Palliative care in neuromuscular diseases. *Current Opinion in Neurology* 30(6): 686-691 [Abstract](#)

de Wit J, Beelen A, Drossaert CH, Koliijn R, van den Berg LH, Visser-Meily JM and Schroder CD (2018) A blended psychosocial support program for partners of patients with amyotrophic lateral sclerosis and progressive muscular atrophy: protocol of a randomized controlled trial. *BMC Psychology* 6(1): 20 [Open Access](#)

Kwok TK (2017) The palliative care needs for those advanced neurology patients on mechanical ventilator support. *Annals of Palliative Medicine* 7(3): 332-334 [Abstract](#)

Majdinasab N, Motl RW, Mokhtarzade M, Zimmer P, Ranjbar R, Keytsman C, Cullen T, Negaresh R and Baker JS (2018) Acute responses of cytokines and adipokines to aerobic exercise in relapsing vs. remitting women with multiple sclerosis. *Complementary Therapies in Clinical Practice* 31: 295-301 [Abstract](#)

Mokhtarzade M, Motl R, Negaresh R, Zimmer P, Khodadoost M, Baker JS, Patel D, Majdinasab N and Ranjbar R (2018) Exercise-induced changes in neurotrophic factors and markers of blood-brain barrier permeability are moderated by weight status in multiple sclerosis. *Neuropeptides* 70: 93-

100 [Abstract](#)

Robinson MT and Holloway RG (2017) Palliative care in neurology. *Mayo Clinic Proceedings* 92(10): 1592-1601 [Open Access](#)

Titova N and Chaudhuri KR (2017) Palliative care and nonmotor symptoms in Parkinson's disease and parkinsonism. *International Review of Neurobiology* 134: 1239-1255 [Abstract](#)

Advanced Respiratory Disease

Glaspole IN, Watson AL, Allan H, Chapman S, Cooper WA, Corte TJ, Ellis S, Grainge C, Goh N, Hopkins P, Keir G, Macansh S, Mahar A, Moodley Y, Reynolds PN, Ryerson CJ, Walters EH, Zappala CJ and Holland AE (2017) Determinants and outcomes of prolonged anxiety and depression in idiopathic pulmonary fibrosis. *European Respiratory Journal* 50(2) [Open Access](#)

Keen C, Fowler-Davis S, McLean S and Manson J (2018) Physiotherapy practice in pulmonary hypertension: physiotherapist and patient perspectives. *Pulmonary Circulation* 8(3): 1-9 [Open Access](#)

Maddocks M, Lovell N, Booth S, Man WD and Higginson IJ (2017) Palliative care and management of troublesome symptoms for people with chronic obstructive pulmonary disease. *Lancet* 390(10098): 988-1002 [Abstract](#)

Millan-Billi P, Serra C, Alonso Leon A and Castillo D (2018) Comorbidities, complications and non-pharmacologic treatment in idiopathic pulmonary fibrosis. *Medical Sciences* 6(3) [Open Access](#)

Nolan CM, Delogu V, Maddocks M, Patel S, Barker RE, Jones SE, Kon SS, Maher TM, Cullinan P and Man WD (2017) Validity, responsiveness and minimum clinically important difference of the incremental shuttle walk in idiopathic pulmonary fibrosis: a prospective study. *Thorax* doi: 10.1136/thoraxjnl-2017-210589 [Abstract](#)

Nolan CM, Maddocks M, Maher TM, Canavan JL, Jones SE, Barker RE, Patel S, Jacob J, Cullinan P and Man WD (2018) Phenotypic characteristics associated with slow gait speed in idiopathic pulmonary fibrosis. *Respirology* 23(5): 498-506 [Abstract](#)

Spruit MA, Singh SJ, Rochester CL, Greening NJ, Franssen FM, Pitta F, Troosters T, Nolan C, Vogiatzis I, Clini EM, Man WD, Burtin C, Goldstein RS, Vanfleteren L, Kenn K, Nici L, Janssen DJ, Casaburi R, Shioya T, Garvey C, Carlin BW, ZuWallack RL, Steiner M, Wouters EF and Puhan MA (2018) Pulmonary rehabilitation for patients with COPD during and after an exacerbation-related hospitalisation: back to the future? *European Respiratory Journal* 51(1) [Abstract](#)

Heart Failure

Chi NC, Demiris G, Pike KC, Washington K and Parker Oliver D (2018) Exploring the challenges that family caregivers faced when caring for hospice patients with heart failure. *Journal of Social Work in End-of-Life & Palliative Care* doi: 10.1080/15524256.2018.1461168 [Abstract](#)

Ciani O, Piepoli M, Smart N, Uddin J, Walker S, Warren FC, Zwisler AD, Davos CH and Taylor RS (2018) Validation of exercise capacity as a surrogate endpoint in exercise-based rehabilitation for heart failure: a meta-analysis of randomized controlled trials. *JACC Heart Failure* 6(7): 596-604 [Open Access](#)

Huitema AA, Harkness K, Heckman GA and McKelvie RS (2018) The spoke-hub-and-node model of integrated heart failure care. *Canadian Journal of Cardiology* 34(7): 863-870 [Abstract](#)

Janssen DJ, Johnson MJ and Spruit MA (2018) Palliative care needs assessment in chronic heart failure. *Current Opinion in Supportive and Palliative Care* 12(1) :25-31 [Abstract](#)

Kavalieratos D, Gelfman LP, Tycon LE, Riegel B, Bekelman DB, Ikejiani DZ, Goldstein N, Kimmel SE, Bakitas MA and Arnold RM (2017) Palliative care in heart failure: rationale, evidence, and future priorities. *Journal of the American College of Cardiology* 70(15): 1919-1930 [Abstract](#)

Santos FV, Chiappa GR, Ramalho SHR, de Lima A, de Souza FS, Cahalin LP, Durigan JL, de Castro I and Cipriano G (2018) Resistance exercise enhances oxygen uptake without worsening cardiac function in patients with systolic heart failure: a systematic review and meta-analysis. *Heart Failure Reviews* 23(1): 73-89 [Abstract](#)

Wiskar K, Toma M and Rush B (2018) Palliative care in heart failure: Review. *Trends in Cardiovascular Medicine* doi: 10.1016/j.tcm.2018.02.008 [Abstract](#)

Education/Policy/Practice/Research

Sleeman KE, Leniz J, Higginson IJ and Bristowe K (2018) Is end-of-life care a priority for policymakers? Qualitative documentary analysis of health care strategies. *Palliative Medicine* doi: 10.1177/0269216318786333 [Abstract](#)

Sujatha R and Jayagowri K (2017) Assessment of palliative care awareness among undergraduate healthcare students. *Journal of Clinical and Diagnostic Research* 11(9): Jc06-jc10 [Open Access](#)

Tripken JL and Elrod CS (2018) Young adults' perspectives on advance care planning. *American Journal of Hospice and Palliative Medicine* 35(4): 627-634 [Abstract](#)

Yadav RR, Ngo-Huang AT, Fu JB, Ng A, Custodio C and Bruera E (2018) A survey regarding the knowledge, attitudes, and beliefs of graduates of cancer rehabilitation fellowship program. *Journal of Cancer Education* doi: 10.1007/s13187-018-1385-x [Abstract](#)

Yadav RR, Ngo-Huang AT, Ng A, Fu JB, Custodio C, Wisotzky E, Mitra R and Bruera E (2018) Characteristics of cancer rehabilitation fellowship training programs in the USA. *Journal of Cancer Education* doi: 10.1007/s13187-018-1371-3 [Abstract](#)