

The Position

Alison Hoens 0.8 FTE; Jason Craig 0.2 FTE since July 1st 2022

Key initiatives/Projects

34 initiatives / projects (2 new; 2 updating) were undertaken in 2023. Total of initiatives/projects over lifetime of PT KB position = 78

Title	Description	Sphere & Focus I – International; N- National; P- Provincial; L – Local; ID- Interdisciplinary; PT - Physiotherapy	Role AH – Alison JC - Jason
The Total Joint Arthroplasty Outcome Measures Toolkit (TJAOM)	Updating the Total Joint Arthroplasty Outcome Measures Toolkit to reflect advances in the evidence.	I, N, P, L PT	Lead (AH, JC)
Virtual Delivery of the Early Intervention Program (VEIP)	An exploration of family perceptions of virtual delivery of an allied intervention program for children with developmental delay	P ID	Lead (AH, JC)
The Physical Activity Support Kit Initiative (PASKI)	An initiative to identify, evaluate & recommend resources to support physical activity in persons living with chronic conditions. Focus this year: partnering for loading & launch on HealthLink BC website	P ID	Lead (AH)
Digital Directions	New initiative by PABC to provide members with the opportunity to contribute to an evidence-informed interactive online newsletter	P PT	Lead (JC, AH)
FlexCAre: Co-developing a Flexible Care Delivery Model for Inflammatory Arthritis FlexCAre	Designing and testing delivering care for patients with inflammatory rheumatic diseases to enable flexible timing, modality and type of encounters, determined by remote monitoring of patients' symptoms, function, physical, emotional and social impact of IRDs (PROMs), linked to clinical and laboratory data from EMRs and other information that may influence care needs using a web-based e-health system	N ID	KB (AH)
On-demand Program to EmpoweR Active Self-care (OPERAS)	A web platform that allows people living with RA to track & monitor their symptoms and see patterns.	N PT	KB (AH)
ACTIVE - Adding Life to Years in Cognitive Frailty by Preventing Falls	A12-month multi-site RCT in 328 older adults with cognitive frailty and a history of falls to assess the efficacy of the Otago Exercise Program combined with technology-enhanced health coaching to prevent falls.	P PT	KB (AH)

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

DECIDE-PAIN: A Decisional Needs Assessment for Patient-Centered Pain Care in Canada	National initiative to assess the decisional needs of Canadians with chronic pain	N, ID	Team member (AH)
Patient-initiated Follow up (PIFU)	Developing a model of care in which patients with inflammatory arthritis can opt for follow-up at their discretion	N	KB (AH)
OPTIKNEE	International effort focused on improving knee health and preventing osteoarthritis after a traumatic knee injury	I, N, L PT	KB (AH)
Teaching implementation practice in Healthcare	National initiative to support the training of implementation practitioners in healthcare settings	N ID	Team member (AH)
Long COVID Web	National initiative to coordinate research and care for people with long COVID	N ID	KB (AH)
Intersectionality in KT	National initiative to support integration of intersectionality in knowledge translation	N ID	Team member (AH)
Post COVID Recovery Clinics & Interdisciplinary Clinical Care Network	Establishment of a provincial network of interdisciplinary postCOVID clinical care with embedded research within a learning health system.	P ID	Steering & Core Cmths (AH)
Navigating the maze. Acute Knee Injury Practice Support Tool (AKIP)	bringing together Family Practice Physicians, patients, allied health practitioners, specialists and researchers to identify the required resources/tools that address the current gap and barriers to co-develop an Acute Knee Injury Practice (AKIP) Support Tool	L, P ID	KB (AH)
Citizen Science Project	Web-based app, <i>CHANGE (Citizen Health: Action, Network & Global Engagement)</i> to enable citizens to contribute data to help elucidate research questions relevant to the burden of symptoms.	N, P ID	KB (AH)
Next Generation Rehabilitation Interventions for Pediatric Concussion	A Multi-disciplinary International Research Symposium to inform research direction for pediatric concussion.	L, P, N, I ID	KB (AH, JC)
Building a collaborative research agenda for virtual exercise and nutrition supportive cancer care in BC	A three phased project to develop a comprehensive and evidence-informed research agenda for the development of virtual exercise and nutrition programming for people living with cancer in British Columbia.	P, I ID	KB (AH)
Living Systematic Review and Knowledge Mobilization of Care Models and Management Options for Long COVID	National initiative to 1) Conduct 2 living systematic reviews related to care models and management options for Long COVID and 2) Implementing a knowledge mobilization hub to share real-time high-quality evidence.	P/N/I ID	KB (AH)

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

Compensation and Conflict in Patient-Oriented Research (POR)	Exploration & consensus building initiative re the compensation of patients in POR and how conflicts of interest are, and could be, managed	P ID	Team member (AH)
Studying consensus methods in integrated knowledge translation to promote patient-oriented research	To better understand effective consensus methods for use in IKT and patient-oriented research.	P ID	Team member (AH)
Patient Engagement in Research Scale (PEIRS)	Scale to evaluate meaningful patient engagement in research	N/I ID	KB (AH)
The Effect of Running on Osteoarthritis	Patient and healthcare providers perspectives re running and knee health	I ID	KB (AH)
Stop OsteoARthritis (SOAR) Program	Evaluating the acceptability, feasibility, and preliminary efficacy of a novel physiotherapist-guided osteoarthritis risk reduction program for youth who have suffered a sport-related knee injury.	N/I PT	KB (AH)
Improving Strength Training and Tailoring among people with Rheumatoid ARthritis ISTART	A behaviour change science and patient-oriented research approach to develop 1) a methodology for tailoring strength training interventions and 2) a behavioural intervention to improve strength training participation among people with rheumatoid arthritis	L ID	KB (AH)
Improving pain education across entry-level physiotherapy programs in Canada	A 5-year initiative to elucidate and address inconsistencies in Canadian physiotherapy programs use of best evidence on pain education.	N PT	KB (AH)
Incorporating intersectionality in KT models, theories and frameworks	Pan-Canadian IKT initiative to enhance existing KT models, theories & frameworks to enable implementation practitioners to incorporate intersectionality in projects/activities	N ID	KB (AH)
Community Developed Solutions to Address Barriers in Self Management of Arthritis in Underserved populations	Supporting the implementation of community generated recommendations to improve the self-management of arthritis and chronic conditions in underserved communities. Co-supervision of summer student & development of knowledge products.	L ID	KB (AH)
CLARITY: Co-developing & evaluating Accessible model of care for Rheumatic Inflammation diseases	The CLARITY preparation to trial will design an intervention (Flexible Care Delivery model) with patients and health care providers, assess its potential economic impact, inform the design of the future hybrid effectiveness-implementation trial and develop the health informatics infrastructure needed to deliver it.	N ID	KB (AH)

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

ProActive: Promoting a Balanced 24-hour Activity Profile in Older Adults to Prevent Frailty Related to Chronic Inflammation	To co-develop with patients, their caregivers and health professionals a strategy to integrate the 24-hour Movement Guidelines in the care for older adults at early levels of frailty	N/P/L PT	KB (AH)
The Pathway for patient engagement in Rheumatology Research	An international effort to identify key points and resources in the engagement of patients in rheumatology research http://rheumactioncouncil.org/tl/	I ID	KB (AH)
Defining patient complexity in rheumatology to enhance a tailored approach to patient care.	Measuring patient complexity to help identify which patients, at specific points in time, need more or different types of care	N ID	KB (AH)
Effective Quality indicator Implementation for Patients (EQUIP)	Using an iKT approach, facilitate the implementation of 10 evidence-based quality indicators to improve quality of post-total joint rehabilitation	L PT	KB (AH)
Hyperbaric Oxygen Post Established Stroke (HOPES)	To determine the effects of hyperbaric oxygen on ischemic stroke in patients 6 to 36 months after stroke	L ID	KB (AH)

Funder-specific activities

Physiotherapy Association of BC

- Responding to member requests re practice questions
- Leading Digital Directions
 - Electrophysical Agents
 - Innovative Physiotherapy (Scope of Practice)
- Identifying & interpreting articles (PT KB Finds) – monthly
 - Triggers requests to librarian for copies of highlighted articles
 - Members consistently report appreciation re the value of this ‘translated’ evidence
- Webinars:
 - OPTIKNEE Consensus recommendations to optimize knee health after traumatic knee injury to prevent osteoarthritis
 - Lateral Epicondyle Tendinopathy Toolkit Update
- Coordination of activities with Knowledge Services Manager and Education Manager
- Resource for office staff: editing of knowledge products, linking with relevant members, helping to target & interpret literature searches (e.g. long COVID resources, databases for outcome measures; partner for 2SLGBTQQIA+ podcast; consulting with Azeez re “Peer Review column”)
- Resource for CEO: context, history, connections
- Strategic Plan input

UBC Department of Physical Therapy

- Faculty: (Dr Li [*see ARC section below], Dr Whittaker [*see ARC section below], Dr T Liu-Ambrose, Dr Campbell, Dr Camp
 - Grants (KT plans)
 - Recruitment of clinician and patient partners
 - Design +/- facilitation +/- evaluation of workshops, symposia, focus groups etc.
 - Dissemination of findings
- Clinical/Affiliated Faculty: Dr Marie Westby, JF Esculier, Dr A Ezzat
- Graduate students:
 Dr Li: Postdoc Dr Codie Primeau (facilitating Advisory Committee for engagement of 2SLGBTQQIA+ in Citizen Science; PhD student Heather Worthington (Thesis Committee)
 Dr Campbell: Postdoc Dr Kendra Zadavec (advising re engagement & evaluation)
- Faculty meetings
- Admission interviews
- Clinical Faculty Appointments/Promotions/Reappointments Committee
- KT consultation for MPT research course projects

Arthritis Research Canada

- KM component of strategic plan
- Selection, orientation & mentoring of KM Associate
- Moderator for Arthritis Research Education Series webinars: “Living Well: Arthritis Self Care” & “Help! I can’t sleep. Arthritis & Insomnia”
- Moderator for webinar: “Biosimilars unpacked”
- KT education session for Trainee Days: Shaping & Sharing Messages from Your Research – Part 11 for Trainees
- KT products & co-supervision of summer student, for CIORA funded self-management project
- Supporting researchers:
 - Dr Ines Colmegna: CIHR Team Grant – Lung Health – Inflammation Toward a Personalized Approach to Interstitial Lung Disease Prognosis and Treatment
 - Dr Avina: Immunosuppression and COVID
 - Dr Whittaker:
 - SOAR – Stop Osteoarthritis
 - AKIP Acute Knee Injury Support Tool
 - Dr Li:
 - Citizen Science Long COVID platform: build, testing, dissemination & National Long COVID Web grant
 - ACTIVE: Adding Life to Years in Cognitive Frailty by Preventing Falls
 - OPERAS
 - Dr Ma: ISTART
 - Dr Barber:
 - Environmental scan & appraisal of patient online resources for managing RA flares
 - Better Match
 - Evaluating biopsychosocial complexity in persons living with rheumatoid arthritis
 - Development and pilot of a shared-care model for rheumatoid arthritis leveraging an “on demand” follow-up strategy (PIFU)

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

- Psychometric evaluation of a measure of care complexity in rheumatoid arthritis
- Text-messaging to support rheumatoid arthritis care
- Dr Lacaille:
 - FlexCAre & EMR projects

Engagement

Facilitated the involvement of > 500 partners (patients, clinicians, researchers and decision-makers and students) in projects.

The BC PT Research Collaboration Registry is continuing to support partnerships involving BC PT clinicians, decision-makers and researchers in various practice areas (100 interactions in 2023).

The resources that have been created that have been accessed since 2009 > 1,166,745 views provincially, nationally and internationally (~127,000 views in 2023). Note: On July 1, 2023, all website analytics migrated from Google Universal Analytics (UA) to Google Analytics 4 (GA4) and the transition impacted metrics temporarily by splitting the reports into two different systems.

- Updated 1 existing resource
 - Total Joint Arthroplasty Outcome Measures (TJAOM) Toolkit
- PABC: 38,313 views of all resources in lifetime of PT KB position

Webinars:

- Rehab Post Traumatic Knee Injury - Using the Latest Evidence in Your Clinical Practice
- Lateral Epicondyle Tendinopathy Toolkit Update

PT KB Finds

S.G. (7/2023): "Great work! I have found the most recent physio knowledge finds emails very practical and useful. So Thank you!! Especially as a busy clinician this saves me a lot of time! I also appreciate the quick summaries so I can see if it relates to my field."

Digital Directions metrics from Launch – August 30, 2023

	Visitors	Pageviews	Average Time Spent (typical avg ~3 minutes)
Issue 1 - Stretching	847	3548	1hr 14 min
Issue 2 – Clinical Education	959	3527	45 min
Issue 3 – Electrophysical Agents	701	2709	47 min
Issue 4 – Innovative Physiotherapy	716	2496	35 min

Grant Activity

of funded grants for 2023: 7/8

Total grant funding for 2023: \$21,413,550

Total # of funded grants over lifetime of PT KB position: 81/152

Total grant funding over lifetime of PT KB position: \$43,897,174

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

Percentage of successful grants over lifetime of PT KB position: 53.3%

Long COVID Web	Development of a Framework to Inform Equitable and Inclusive Models of Care for People with Long COVID	C	\$50K	2023-2024	L Li	Graves L, Goulding S, Law S, Miciak M, O'Brien K, Primeau C, Sanchez-Ramirez D. *Co-PI
The Arthritis Society Strategic Operating Grant	Self-managing Knee Health in Young People at-High-Risk of Early-Onset Osteoarthritis: The MyKnee Randomized Controlled Trial	C	\$450 K	2024-2027	J Whittaker	i L, Davis J, Miciak M, Mosewich A, Xie H, Roos E, Truong L, Losciale J, Silvester Lee T, Gold M, Wade D, Reid A, Monkman D, Kausky K, Clark S, Brooks-Hill A, Leveille L *KB
CIHR-IMHA Inclusive Research Excellence Prizes 2023-02-23	Listening to Patient Partners - From developing evidence-based tools for advancing meaningful patient engagement in research to now implementing them at an international organization for rheumatology research	C	\$25K	2023-2024	C Hamilton	Li L, Tugwell P, Beaton D, Hofstetter C, Maxwell L, McKinnon A, McQuitty S, English K *Co-investigator
CIHR-IMHA Inclusive Research Excellence Prizes 2023-02-23	OPTIKNEE: An international consensus to optimize knee health after knee injury	C	\$25K	2023-2024	J Whittaker	K Crossley, A Culvenor, E Roos, C Arden, A Bricca, A Bruder, G Bullock, C Emery, A Ezzat, S Filbey, P Holm, L Ingeliuid, C Le, J Loscaile, E Macri, B Oiestad, B Patterson, A Rasisanon, MA Mисley, S Skou, J Thorlund, C Toomey, L Troung, A Urhausen, M van Middelkoop, T West, J Young *Collaborator
CIHR Canadian Post COVID-19 Condition Research Network funding	Long COVID Web	C	\$20 M	2023	A Cheung	250 partners *Co-applicant

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

CIHR	ACTIVE: Adding Life to Years in Cognitive Frailty by Preventing Falls	C	\$818,550	2023-2028	T Liu-Ambrose LC Li K Madden	Co-Investigator: C Barha, J Brubacher J Davis, T Dignum R Falck, CL Hsu M Kho, T Manyanga L Nagamatsu, N Parmar D Skelton, O Theou H Wong Collaborators: K Annandale, C Bradstock, J Burrows R Corepal, M Coutts C Davis, K Glasier M Hindmarsh, M Oakey *Collaborator
The Arthritis Society Strategic Operating Grant	FlexCAre: Co-developing a Flexible Care Delivery Model for Inflammatory Arthritis	C	\$450 K	January 2023-December 2026	Lacaille D.	Bansback N, Barber C, Barnabe C, Bartlett S, Colmegna I, Da Costa D, Fortin P, Hazlewood G, Hoens A, Koehn C, Li L, Michou L. Patient Partners: APAB- McQuitty S, Mennell, P, Tsui K, PIRA-Beaulieu MC, Garceau H, Gervais F, Lajante M. Collaborators: Bardi M, Bessette L, Bray MC, Chan S, Eastwood C, Kur J, MacMullan P, Patrick P, Robert J, Shojania K. * Knowledge Broker

Submitted and awaiting results (2)

CIHR Team Grant: Lung Health	Toward a personalized approach to interstitial lung disease prognosis & treatment	C	\$400 K	April 1 2024- March 31 2029	Addayag D Colmegna I	Faiz AK, Hudson M, Langlasis D, Ding J, Donseca G, Goobie G, Mancini M, Nijnik A, Jiang R, Ryerson C, Vidal S, Bell E, Koch P, Lee S, Mailloux A,
------------------------------	---	---	---------	-----------------------------	-------------------------	---

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

						Ramidi S, Rousseau S. *KM consultant
Long COVID Web	MyGuide Long COVID	C	\$150 K	2024-2026	Tran KC Wei, Naik H, Pongratz K	Levin A, Malbeuf M, Vu V, Rasheed A, Li L, Toy A, Kung S, Izquierdo A, Sugiyama A. *Collaborator

Publications

Research Gate metrics (AH):

Citations = 1,536 (354 in 2023)

Total Reads = 25,725 (3,190 in 2023)

H-Index = 23

Research Interest Score = 940.8 (increased by 178.8 in 2023)

Peer-reviewed = 13 new, 92 total

Other (podcasts, webinars, guides, blogs): 1 in 2023; 25 total

Submitted = 11

In progress = 2

Highlights

1. Neuromuscular electrical stimulation for treatment of muscle impairment: critical review and recommendations for clinical practice (2017) included as a '**major advance**' by Maffiuletti et al (2023)
2. BMJ Analytics impact report: 8 articles are cited in 9 sources in 5 countries

Peer-reviewed (13 new [AH]; 92 Total [AH])

Zafar S, Hazlewood G, Dhiman K, Charlton A, Then K, Dempsey E, Lester R, **Hoens AM**, Lacaille D, Barnabe C, Rankin J, Mosher D, Barber CEH. How are you? Perspectives from patients and healthcare providers of text-messaging to support rheumatoid arthritis care, a thematic analysis. ARC Open Rheumatology. Accepted

Li LC, Xie H, Feehan LM., Shaw C, Lu N, Ramachandran S, Wang E, Therrien S, Mucha J, **Hoens AM**, English K, Davidson E, Liu-Ambrose T, Backman CL, Esdaile JM, Miller K, Lacaille D. Effect of a technology-enabled physiotherapist counselling program to improve self-management ability in people with rheumatoid arthritis: a randomised controlled trial. Rheumatology. Accepted

Reszel J, Daub O, Leese J, Augustsson H, Bellows DM, Cassidy CE, Crouner BE, Dunn SI, Goodwin LB, **Hoens AM**, Hunter SC, Lynch EA, Moore JL, Rafferty MR, Romney W, Stacey D, Implementation Practice CBI Study Team [Bennett S, Black AT, Cameron AE, Davis R, Kingsnorth S, Moore JE, Provvidenza C, Straus SE, Townley A], Graham ID. Essential content for teaching implementation practice in healthcare: A mixed-methods study of teams offering capacity-building initiatives. Implementation Science Communications. 2023;4:151. <https://doi.org/10.1186/s43058-023-00525-0>

Rodrigues IB, Fahim C, Garad Y, Presseau J, **Hoens AM**, Braimoh J, Duncan D, Bruyn-Martin L, Straus SE. Developing the intersectionality supplemented Consolidated Framework for Implementation Research (CFIR) and tools for intersectionality considerations. *BMC Med Res Methodol* **23**, 262 (2023). <https://doi.org/10.1186/s12874-023-02083-4>

Leese J, Therrien S, Ramachandran S, Backman CL, Ma JK, Koehn CL, **Hoens AM**, English K, Davidson E, McQuitty S, Gavin J, Adams J, Li LC. (2023) Decision-making around COVID-19 public health measures and implications for self-care activities: Experiences of persons with rheumatoid arthritis. *Arthritis Care & Research*. <http://doi.org/10.1002/acr.25262>

Marozoff S, Tan J, Lu N, Loree JM, Xie H, Lacaille D, Kopec JA, Esdaile JM, Carradetti B, Malone P, Koehn C, Mennell P, **Hoens AM**, Avina-Zubieta JA. Effect of immunosuppressive or immunomodulatory agents on severe COVID-19 outcomes. A population-based study. *ACR Open Rheumatology*. <http://doi.org/10.1002/acr2.11620>.

Plamondon K, Banner-Lukaris D, Cary M, Gainforth H, Ghag K, **Hoens AM**, Huiskin A, Kandola D, Khan S, Silveira Silva A, Oelke N, Rai A, Strain K, Sibley K, Wick U. Relational practices for meaningful inclusion in health research: Results of a deliberative dialogue study. *Health Expectations*. <http://dx.doi.org/10.1111/hex.13865>

Macdonald G, Leese J, **Hoens AM**, Kerr S, Lum W, Gulka L, Nimmon L, Li LC. A patienthood that transcends the patient: an analysis of patient research partners' narratives of involvement in an arthritis patient advisory board. *Journal of Health Services Research and Policy*. 2023. DOI 10.1177/13558196231197288

Wang E, Otamendi T, Li LC, **Hoens AM**, Wilhelm L, Bubber V, McKinnon A, McQuitty S, English K, Silva AS, Leese J, Zarin W, Tricco AC, Hamilton CB. Researcher-patient partnership generated actionable recommendations, using quantitative evaluation and deliberative dialogue, to improve meaningful engagement. *Journal of Clinical Epidemiology* (2023). 159: 49-57. DOI: <https://doi.org/10.1016/j.jclinepi.2023.05.004>

Naye F, Légaré F, Paquette JS, Tousignant-Laflamme Y, LeBlanc A, Gavoury I, Poitras ME, Toupin-April K, Li L, **Hoens A**, Poireier MD, Décary S. A Decisional Needs Assessment for Patient-Centred Pain Care in Canada: the DECIDE-PAIN study protocol." *BMJ Open*. Accepted.

Bhangu G, Hartfeld NMS, Lacaille D, Lopatina E, **Hoens AM**, Barber MRW, Then KL, Zafar S, Fifi-Mah A, Hazlewood G, Barber CEH. A scoping review of shared care models for rheumatoid arthritis with patient-initiated follow-up. *Seminars in Arthritis and Rheumatism*. <https://www.sciencedirect.com/science/article/pii/S0049017223000306?via%3Dihub>

Feehan LM, **Hoens AM**, Wright Howell J. Partnering with people living with rheumatoid arthritis for care of their hands: Four case reports using relative motion orthoses. *Journal of Hand Therapy*. <https://doi.org/10.1016/j.jht.2023.01.001>

Cary MA, Plamondon K, Banner-Lukaris D, Oelke N, Sibley KM, Baxter K, Vis-Dunbar M, **Hoens, AM**, Wick U, Bigsby S, Wuerstl K, & Gainforth HL. Building consensus in research partnerships: A scoping review of consensus methods. *Evidence & Policy*. (2023), 19(3). 485–511. <https://doi.org/10.1332/174426421X16645354235140>

Other (AH -1)

Emerging Electrophysical Agents - Informed Decision-Making CPTBC
https://cptbc.org/wp-content/uploads/2023/07/2023-07-25_Emerging-Electrophysical-Agents.pdf

Submitted (AH -11)

Subdar S, Dhiman K, Hartfeld NMS, **Hoens AM**, White K, Manske SL, Hazlewood G, Lacaille D, Lopatina E, Barber MRW, Mosher D, Fifi-Mah A, Twilt M, Luca N, Then K, Crump T, Zafar S, Osinski K, Barber CEH. Investigating the influence of patient eligibility characteristics on the number of deferrable rheumatologist visits: planning for a patient-initiated follow-up (PIFU) strategy. *J Rheum*.

Dhiman K, Hall M, Crump T, **Hoens AM**, Lacaille D, Rankin JA, Then KL, Hazlewood G, Barnabe C, Katz S, Sutherland J, Dempsey E, Barver CEH. Content validity testing of the INTERMED Self-Assessment in a sample of adults with rheumatoid arthritis and rheumatology healthcare providers. *Health Expectations*.

Loscaile JM, Truong LK, Zhang K, Silvester-Lee T, Miciak M, Pajkic A, Le CY, Xie H, **Hoens AM**, Mosewich A, Hunt MA, Li LC, Roos EM, Whittaker JL. Assessing the efficacy of the Stop OsteoArthritis (SOAR) program: A randomized delayed-controlled trial in persons at increased risk of early-onset post-traumatic knee osteoarthritis. *Osteoarthritis and Cartilage*.

Hofstetter C, Grosskleg S, Hamilton CB, Hoens AM, Shea B, Tugwell P, Beaton D. Patient Research Partner Engagement in OMERACT: Enhancing Engagement through the Implementation of Patient Engagement in Research Tools. *Seminars in Arthritis and Rheumatism*

Subdar S, **Hoens AM**, White K, Hartfeld NMS, Dhiman K, Duffey K, Heath CE, Lalmoureux G, Greveline C, Davidson E, Hazlewood G, Lacaille D, Lopatina E, Barber MRW, Then KL, Crump T, Zafar S, Manske SL, Charlton A, Osinski K, Fifi-Mah A, Mosher D, Barber CEH. An environmental scan and appraisal of patient online resources for managing rheumatoid arthritis flares. *J Rheum*.

Besomi M, Hunt MA, De Oliveira Silva D, Passigli S, Skovdal M, Van Midelkoop M, Barton C, Callaghan MJ, Harkey MS, **Hoens AM**, Krowchuk NM, Teoli A, Vicenzino B, Willy RW, Esculier JF. An online evidence-based educational module about running and knee health is deemed useful and can effectively change perceptions. *JOSPT*.

Korkheili AM, Bekker C, **Hoens A**, Voshaar M, Campbell I, de Wit M, Nielsen SM, Toupin-April K, March L, Tugwell P, Tymms K, Kelly A. Strategies to promote implementation of core outcomes for medication adherence trials in Rheumatology: A report from the OMERACT-Adherence Group. *Seminars in Arthritis and Rheumatism*.

Besomi M, Hunt MA, De Oliveira Silva, Passigli S, Rathleff MS, Van Middelkoop M, Barton C, Callaghan MJ, Harkey MS, **Hoens AM**, Krowchuk N, Teoll A, Vicenzino B, Willy RW, Esculier JF. An online evidence-based educational module is deemed useful and can effectively change perceptions about running and knee health. *British Journal of Sports Medicine*.

Ndateba I, Wong ST, Esculier JF, Gibbs A, Gourd S, **Hoens AM**, Ezzat AM. Physiotherapist and patient experiences of team-based primary care delivery during the COVID-19 pandemic in Canada. *Physiotherapy Theory and Practice*.

Harrison D, Brasher P MA, Eng JJ, Harris D, **Hoens AM**, Khazei A, Yao J, Abu-Laban. Hyperbaric Oxygen Post Established Stroke (HOPES): A Randomized Placebo Controlled Trial.

Trenaman L, Marshall DA, MacDonald KV, Hawker G, **Hoens AM**, Bansback N. Using routinely collected patient-reported outcome measures to improve the care of individual patients. *Osteoarthritis and Cartilage*.

In progress (AH - 2)

Naye F, Légaré F, Cachinho C, Gérard T, Toupin-April K, Sasseville M, Paquette JS, LeBlanc A, Gaboury I, Poitras ME, Li LC, **Hoens AM**, Poirier MD, Tousignant-Laflamme Y, Décary S. Canadians living with Chronic Pain Face Difficult Decisions and Decisional Conflict Concerning Their Care: Data From the National DECIDE-PAIN Survey.

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

Roberts L, Gelisanga MAP, Esuadra C, Martial Capo-Chichi, Melo S, **Hoens AM**, Evidence-informed clinical decision-making: Let's dance.

Invited Presentations (AH - 3)

- 2023 CHEOS Work in Progress Session: Citizen Science A method to engage the public in asking and answering novel research questions May 31 (1 hr)
- 2023 "Citizen Science – citizens shaping Long COVID research" @WomensResearch Wellness Exchange, Women's Health Research Institute. Webinar (patient/public) Mar 9 (1 hr)
- 2023 Arthritis Research Canada – Trainee Day: Shaping & Sharing your Research Findings Part 2: Presenting Mar 6 (1.5 hrs)

Conference Participation (AH - 3; JC-1)

- 2023 Center on Knowledge Translation for Disability and Rehabilitation Research (KTDRR) Conference "Tailoring Your Knowledge Translation Strategies for Your Intended Users" Presentation & Attendee. Nov 6, 8, 9; 8 hrs.
- 2023 OMERACT Conference April 30-May 5
- 2023 International Forum on COVID Rehabilitation Research, April 21, 6 hrs
- 2023 BC PT Practice Forum (8 hrs) *JC

Service/Committees (AH - 10)

- 2023 – present CAN-PCC Guideline Team - Healthcare Services and Systems, Social Support for Post-COVID-19 Condition
- 2023 – present Long COVID Web, Knowledge Mobilization and Evaluation Ad Hoc Committee
- 2023 – present Long COVID Web, Core 4
- 2017 – present SPOR Evidence Alliance
- 2021 – present BC SUPPORT Unit Advisory Council
- 2018 - present Member, ACTION Council – a global, patient-led initiative for patient- engagement in rheumatology research
- 2014 - present Provincial KT Training Pathway Advisory Group – Michael Smith Health Research BC
- 2015 – present UBC Continuing Professional Development Collaborative Advisory Committee
- 2008 – present UBC Faculty of Medicine, Dept of Physical Therapy Appointments/Promotions / Reappointment Committee
- 2008 – present UBC Physical Therapy Departmental Clinical Faculty Committee

Manuscript Reviews (AH - 3)

Disability and Rehabilitation: Developing Multisectoral Strategies to Promote Evidence-Based Practice in Rehabilitation: Findings from an End-of-Grant Knowledge Translation Symposium

Journal of Orthopaedic & Sports Physical Therapy: "Who's Afraid of Electrical Stimulation? Let's Re-Visit NMES".

Physiotherapy: Telerehabilitation Boom and Bust: Addressing Patient Beliefs about Hands-off Care Physiotherapy

Continuing Professional Development (AH - 31)

- Dec 2023 Embedding research within care: Adaptive platform trials as learning health systems Dec 13 (1 hr)
- Dec 2023 ya'yəstəl kʷθə si:yeyə (friends working together, downriver hunqiminum, CPTBC Dec 1 (1 hr)

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2023

Nov	2023	Panel Discussion: Advancing the Conversation About the Implementation Research-Practice Gap Nov 16 (1 hr)
Nov	2023	Battling Misinformation Nov 2 (1 hr)
Oct	2023	Putting Patients First Conference 2023. Changing landscapes and learning together for sustainable patient-oriented research Oct 24 (6.5 hrs)
Oct	2023	Help me help you: Potential roles of health economics and health technology assessment to support your research. Oct 19 (1 hr)
Oct	2023	Implementation Science Discussion Groups: Normalization Process Theory Oct 17 (1 hr)
Sept	2023	International Guideline Credentialing and Certification (INGUIDE) Program: Level 1 Module, Quality Assurance Module, Adolopment Module
Sept	2023	Primary Care Masterclass in Sport and Exercise Medicine and Musculoskeletal Health: Physical activity prescription in primary care: what do we know & where do we need to go? Dr Asif, Sept 5 (1 hr)
Aug	2023	Primary Care Masterclass in Sport and Exercise Medicine and Musculoskeletal Health: Making every contact count for physical activity – Ann Gates Aug 3 (1 hr)
July	2023	Indigenous Learning Pathways: Land Acknowledgements at UBC (1.5 hrs)
June	2023	Work in Progress Seminar: Dr. Anita Ho — From AI for Degenerative Conditions to Generative AI: Ethical Considerations June 28 (1 hr)
June	2023	Indigenous Leadership. World Congress of Physiotherapy Recording. June 13 (1 hr)
June	2023	Everything Everywhere All at Once: Navigating Context With the Context Compass Framework June 6 (1 hr)
June	2023	The Health Data Ecosystem & HDRN Canada - Dr Kimberlyn McGrail Health Data for All June 6 (45 minutes)
May	2023	Introducing the Theory & Techniques Tool May 28 (1 hr)
May	2023	Effectiveness-Implementation Hybrid Studies: An Overview and Reflection on 10 Years Since Their Introduction May 27 (1 hr)
May	2023	KT Connects - Do I tweet, post or dance? The role of social media in the meaningful mobilization of health research May 26 (1 hr)
May	2023	Indigenous Healing Practices with Dr. Terri-Lynn Fox May 26 (1 hr)
Apr	2023	Novel Methods for Equitable People-Centred Health Measurement Apr 5 (1 hr)
Mar	2023	Combatting Misinformation on Social Media. #SciComm Mar 28 (1 hr)
Mar	2023	Physiotherapy Regulation & Accreditation (PRA) Network – Tackling Burnout Mar 22 (1 hr)
Mar	2023	You Are On Indian Land: Crossing the Borders of Truth, Reconciliation and Redress with Grand Chief Mike Mitchell Mar 15 (1.5 hr)
Mar	2023	#SciComm on Social Media for Researchers Mar 7 (2 hrs)
Feb	2023	Indigenous Allyship with Len Pierre Feb 23 (1 hr)
Feb	2023	Implementation Science 101: What works in theory & practice for clinical interventions Feb 9 (1 hr)
Feb	2023	Choosing Wisely Talks - Learning the Science of Doing Less – Bringing Quality Improvement & Implementation Science Together Feb 8 (1 hr)
Feb	2023	Instagram and TikTok for #SciComm Feb 7 (1.5 hrs)
Jan	2023	Justice Equity Diversity & Inclusion (JEDI) Foundations Workshop #1 Jan 17 (2 hrs)
Jan	2023	Genome BC's Data Literacy Series - Indigenous Data Governance Jan 12 (1.5 hrs)
Jan	2023	KT Canada: Improving care in dynamic systems: Lessons from organization theory Jan 12 (1 hr)

Development of new knowledge/skills (AH, JC)

Training - equity, diversity, inclusion (AH)

Training - development of clinical practice guidelines (AH)

Training - Canva (JC)

Training – San'yas Indigenous Cultural Safety (JC)

Key new partnerships / opportunities (AH, JC)

Nurturing relationships/opportunities for indigenous community(ies) engagement in research (AH, JC) (Partnering with UBC Indigenous Initiatives Manager to meet with relevant groups/individuals at UBC and within the community to establish relationships and share opportunities; supporting BC PT in evaluating services for indigenous communities)

Focus for 2024 (AH, JC)

- Call for proposals for new PT KB facilitated projects
- Enact dissemination plan for Updated TJAOM Toolkit
- AKIP Toolkit completion & dissemination
- Facilitate update of 'Active For Health' with BC MOH HealthLink BC
- Facilitate 2SLGLBTQQIA+ engagement in Citizen Science
- Lead development of next edition of Digital Directions
- Continue to nurture relationships and establish PT KB facilitated project for BC indigenous community(ies)
- Complete VEIP project –analysis, manuscript & other knowledge product development & dissemination