



CANADIAN STROKE BEST PRACTICE RECOMMENDATIONS

**Rehabilitation, Recovery and Community Participation
Following Stroke**

**Part Two: Delivery of Stroke Rehabilitation to Optimize
Functional Recovery**

7th Edition, 2025

**Appendix One and Two: Writing Group Members and External
Reviewers**

*Salbach N, Yao J (Writing Group Co-Chairs)
on behalf of the Canadian Stroke Best Practice Recommendations
Stroke Rehabilitation and Recovery Writing Group*

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APPENDIX ONE: REHABILITATION, RECOVERY AND COMMUNITY PARTICIPATION FOLLOWING STROKE SCIENTIFIC WRITING GROUP AND AUTHORS 2025

PART TWO: DELIVERY OF STROKE REHABILITATION TO OPTIMIZE FUNCTIONAL RECOVERY

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
Nancy M. Salbach, PT, PhD Module Co-Chair	Professor University of Toronto, Department of Physical Therapy The KITE Research Institute, Toronto Rehabilitation Institute-University Health Network Writing Group Co-Chair	Toronto, ON	All support for the present manuscript - Toronto Rehabilitation Institute Chair at the University of Toronto, payment to institution Grant or contracts with Canadian Institutes of Health Research, payment to institution Honorarium for a lecture with Canadian Institutes for Health Research, honorarium paid to self from research team
Jennifer K. Yao, MD, FRCPC Module Co-Chair	Medical Manager Acquired Brain Injury Program, G.F. Strong Rehab Centre, Vancouver Coastal Health Clinical Associate Professor, University of British Columbia, Division Head, Division of Physical Medicine and Rehabilitation Writing Group Co-Chair	Vancouver, BC	Support for attending meetings and/or travel from Heart and Stroke Foundation of Canada - reimbursement to self for conference travel Leadership or fiduciary role with Canadian Stroke Best Practice Review Advisory Committee member
Michelle LA Nelson, PhD Section One Co-Lead	Principal Investigator, Science of Care Institute, Lunenfeld-Tanenbaum Research Institute, Sinai Health Associate Professor, University of Toronto, Institute of Health Policy, Management and Evaluation Section One Co-Lead	Toronto, ON	All support for the present manuscript - March of Dimes Canada, World Stroke Organization, American Stroke Association, International Foundation of Integrated Care, small honoraria provided for talk at IFIC conference Grant funding paid from CIHR, Walton's Trust, AMS, paid to Sinai Health Payment or honoraria for speaking at IFIC (International Foundation of

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			Integrated Care) educational event Participation on the International Journal of Integrated Care Editorial Board Leadership or fiduciary role at World Stroke Organization, American Stroke Association, International Foundation for Integrated Care
Jing Shi, MD, FRCPC Section One Co-Lead	Director Stroke Rehabilitation, Saskatoon City Hospital Assistant Professor, University of Saskatchewan, Department of Physical Medicine and Rehabilitation Section One Co- Lead	Saskatoon, SK	Grants or contracts from the Saskatchewan Health Research Foundation, all funds directed to research activity costs Leadership or fiduciary role with the Saskatchewan Stroke Expert Panel Advisory Board and as medical director of stroke rehabilitation at Saskatoon City Hospital, as part of the academic clinical alternative payment (ACFP) physician contract
Patrice Lindsay RN, PhD	Previous Lead PWLE Engagement Strategy and Stroke, Heart and Stroke Foundation of Canada; Principal, MarcLind Health Systems and Engagement Consulting.	Toronto, ON	Consulting fees from Canadian Neurological Sciences Federation, payment to self Payment or honoraria from CHEP PLUS, honorarium payment to self Leadership or fiduciary role in other board, society, committee or advocacy group with Canadian Institutes of Health Research – ICRH IAB, unpaid
Ruth Barclay, PhD, MHSc, BMR(PT)	Professor, Department of Physical Therapy, University of Manitoba, Riverview Health Centre	Winnipeg, MB	Grant or contracts from CIHR, not related to manuscript

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
			<p>Support for attending meetings and/or travel from CIHR – CIHR reviewer, not related to manuscript</p> <p>Leadership or fiduciary role on editorial board of the Journal of Aging and Physical Activity until January 2025, unpaid</p>
<p>Diana Bastasi, B.Sc. (PT), MBA</p>	<p>Coordinator of Physiotherapy In-patient Services, The McGill University Health Centre, Montreal General Hospital</p> <p>Faculty (part-time) Lecturer, McGill University, School of Physical and Occupational Therapy</p>	<p>Montreal, QC</p>	<p>None to declare</p>
<p>Dylan Blacquiere, MD MSc</p>	<p>Medical Director, Champlain Regional Stroke Network</p> <p>Assistant Professor, University of Ottawa, Department of Medicine, Division of Neurology</p>	<p>Ottawa, ON</p>	<p>Payment or honoraria from Healthing (honorarium), Heart and Stroke Foundation of New Brunswick (Lecture honorarium), payment to self</p> <p>Payment for expert testimony from Burchells LLP, payment to self</p> <p>Participation on a Data Safety Monitoring Board or Advisory board with Abbevie – advisory board payment to self</p> <p>Leadership or fiduciary role with Heart and Stroke Foundation of Canada Stroke Best Practice Guidelines; Canadian Stroke Consortium – unpaid advisory/executive board</p>
<p>Mark I. Boulos, MD FRCP, CSCN(EEG), MSc</p>	<p>Hurvitz Brain Sciences Research Program, Sunnybrook Research Institute, Sunnybrook Health Sciences Centre</p> <p>Department of Medicine, Division of Neurology, University of Toronto</p>	<p>Toronto, ON</p>	<p>Grants or contracts from Canadian Institutes of Health Research; Alternative Funding Plan from the Academic Health Sciences Centres of Ontario; Heart & Stroke Foundation of Canada; Division of Neurology at the University</p>

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			of Toronto; Sunnybrook Education Advisory Council and Education Research Unit; Ontario Genomics; Toronto Dementia Research Alliance, paid to my institution Consulting fees from Precision AQ, paid to self Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events from Paladin Labs; Jazz Pharmaceuticals; Eisai, paid to self Receipt of equipment, materials, drugs, medical writing, gifts or other services from Braebon Medical Corporation, In-kind support to Dr. Boulos' research program
Joy Boyce, OT Reg. (NS), BScOT and BA Hons	Occupational Therapist, Early Supported Stroke Discharge Coordinator, Nova Scotia Health Authority	Halifax, NS	Leadership or fiduciary role with the Atlantic Canada Stroke conference committee, co-chair and member
Geneviève Claveau, MD, FRCPC	Staff Psychiatrist, Stroke and Non-Traumatic Brain Injury Program, Institut de réadaptation Gingras-Lindsay de Montréal Clinical Associate Professor, Division of Physical Medicine and Rehabilitation, Department of Medicine and Medical Specialties, Université de Montréal	Montreal, QC	Receipt of equipment, materials, drugs, medical writing, gifts or other services From Abbvie, Merz, Ipsen that included free lunches, educational material (handbooks) and participation in local conferences/educational sessions organized by them
Norine Foley, MSc	Partner, workHORSE Consulting Group	London, ON	None to declare

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
Heather L. Flowers, PhD, SLP (C), Reg. CASLPO, CCC-SLP	Associate Professor, University of Ottawa, School of Rehabilitation Sciences, Faculty of Health Sciences,	Ottawa, ON	None to declare
Urvashy Gopaul, MSc, PhD, PT	Toronto Rehabilitation Institute-KITE Research	Toronto, ON	None to declare
Esther S. Kim, PhD, R.SLP, CCC-SLP	Professor, Chair, University of Alberta, Department of Communication Sciences and Disorders	Edmonton, AB	Grants or contracts from SSHRC, CIHR - Unrelated to this manuscript, payment to institution Support for attending meetings and/or travel with University of Alberta and Canadian Stroke Congress, conference travel support (reimbursements) Leadership or fiduciary role as chair of the Council of Chairs of Canadian University Programs in Speech-Language Pathology and Audiology (CCUP), unpaid Other financial or non-financial disclosures, salary from University of Alberta
Alto Lo, MD	Stroke Physiatrist, Glenrose Rehabilitation Hospital Associate Professor, University of Alberta, Department of Medicine in the Faculty of Medicine & Dentistry	Edmonton, AB	Payment for expert testimony from Lambert Law; Brownlee LLP, payments to self Support for attending meetings and/or travel from Abbvie Canada, Ipsen Canada, Merz Canada, Air Travel and Accommodations arranged directly by entities above
Rebecca Lund MSc (OT), OT Reg. (Ont.)	Manager, Stroke, Heart and Stroke Foundation of Canada	Toronto, ON	None to declare
Chelsy Martin PT, MScPT	Project Lead, Stroke Best Practices, Heart and Stroke Foundation of Canada	Ottawa, ON	None to declare

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
Alison M. McDonald, BScPT	Physiotherapist, Acquired Brain Injury Program, Nova Scotia Rehabilitation and Arthritis Centre Adjunct Professor (Clinical) Dalhousie University, School of Physiotherapy	Halifax, NS	None to declare
Amanda McIntyre, PhD, RN	Registered Nurse, Emergency Medicine, London Health Sciences Centre Assistant Professor, Arthur Labatt Family School of Nursing, Western University	London, ON	None to declare
Sarvenaz Mehrabi MD, MSc	Lawson Research Institute, St. Joseph's Health care London, Department of Physical Medicine and Rehabilitation	London, ON	All support for the present manuscript - helped in providing data through: 1) Database systematic searches & review, 2) updating evidence-based tables - paid by my employer, funded by St. Joseph healthcare London and Heart & Stroke foundation of Canada.
Anita Mountain, MD, FRCPC	Medical Lead, Acquired Brain Injury Program, Queen Elizabeth II Health Sciences Centre Assistant Professor Division of Physical Medicine & Rehabilitation, Department of Medicine, Dalhousie University	Halifax, NS	All support for the present manuscript, Heart and Stroke Foundation of Canada, no payments Grants or contracts from any entity - Qualified site investigator for research supported by Brain Canada, Heart and Stroke Foundation of Canada, Canadian Partnership for Stroke Recovery/CIHR/Governors of the University of Calgary. No payments to self. Support for research coordinator and research activities related to research grants from primary organization Leadership or fiduciary role as Rehabilitation co-chair for Canadian Stroke Best

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			Practice Recommendations Advisory Committee, no payments.
Colleen O’Connell, MD, FRCPC	Medical and Research Director, Stan Cassidy Centre for Rehabilitation, Horizon Health Network Professor, Dalhousie University Faculty of Medicine, Dalhousie Medicine New Brunswick Clinical Research Director, Institute for Biomedical Engineering University of New Brunswick	Fredericton, NB	Payments for lectures provided from MT Pharma Leadership or fiduciary role as Chair of Canadian Physiatry Research and Development Foundation, volunteer role
Colleen O’Connor, PhD, RD	Associate Professor and Undergraduate Program Chair, Brescia School of Food and Nutritional Sciences, Western University	London, ON	None to declare
Kara K. Patterson, PT, PhD	Senior Scientist, The KITE Research Institute, University Health Network Associate Professor University of Toronto, Department of Physical Therapy	Toronto, ON	Grants or contracts from Canadian Institutes of Health Research project grant; Heart and Stroke Grant in Aid; Rehabilitation Science Research Network for COVID catalyst grant, payments made to KITE Research Institute Support for attending meetings and/or travel, Heart and Stroke - Grant in Aid reviews, Stroke Cog Canadian Stroke Congress, travel expense reimbursement Leadership or fiduciary role as board member of the International Society for Posture and Gait Research
Tricia Shoniker, OT Reg. (Ont.), BSc OT, MOT	Occupational Therapist, Stroke, Neurological Program Parkwood Institute	London, ON	None to declare

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
	Professor, Fanshawe College, School of Health Sciences		
Debbie Timpson, BSc(PT), MD, FRCPC	Physiatrist, Chief of Rehabilitation, Pembroke Regional Hospital	Pembroke, ON	Participation on a Data Safety Monitoring Board or Advisory board with Canadian Stroke Best Practice Recommendations Advisory Committee
Theodore Wein, MD, FRCPC, FAHA	Assistant Professor of Neurology and Neurosurgery, McGill University	Montreal, QC	Research grant, consulting fees, honoraria, honoraria for lectures, presentations, speaker's bureaus, manuscript writing or educational events, support for attending meetings and/or travel, plane ticket provided from Abbvie, Ipsen Participation on a Data Safety Monitoring Board or Advisory Board, Pharmazzz, Syneos, Artivion, payment to self
Janice Wright, MS, ACNP(c), RN-EC	Nurse Practitioner, Rehabilitation and Restorative Medicine, Hotel Dieu Shaver	St. Catharines, ON	None to declare
Brenda Yeates, MSW, RSW	Social Worker, Stroke Early Supported Discharge Team, Queen Elizabeth II Health Centre Ambulatory Care Centre	Grand Prairie, AB	Support for attending meetings and/or travel from Alberta Health Services, paid my wage to attend Writing Group Zoom Meetings as they took place during work time
Jeanne Yiu, OTR, BSc (OT), MSc (Rehab Sciences)	Regional Clinical Resource Educator, Occupational Therapy, Vancouver Coastal Health. Clinical Associate Professor, Department of Occupational Science & Occupational Therapy, Faculty of Medicine, University of British Columbia	Vancouver, BC	Support for attending meetings and/or travel from Vancouver Coastal Health, attended meetings during work hours

APPENDIX TWO: DELIVERY OF STROKE REHABILITATION TO OPTIMIZE FUNCTIONAL RECOVERY, EXTERNAL REVIEWERS 2025

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
Zainab Al Lawati MD, MedEd, FRCPC, FAAPMR	Spasticity Director, Assistant Professor, University of Miami, Department of PM&R	USA	None to declare
Paula Barker MD, FRCPC	Clinical Assistant Professor, Memorial University	Corner Brook, NL	None to declare
Joyce L Chen BSc PT, PhD	Associate Professor, University of Toronto, Faculty of Kinesiology and Physical Education	Toronto, ON	None to declare
Jill Congram, RN, BN	Nurse Clinician, Tertiary Neuro Rehabilitation	Calgary, AB	None to declare
Kenneth Curtis OT(R)NL	OT Clinical Lead, NLHS-LG Zone	Lab City, NL	None to declare
Céline Ducroux MD, MSc	Stroke Physician Assistant Professor, University of Ottawa, Department of Medicine	Ottawa, ON	Currently participating, or have participated within the past two years, in a clinical trial as Co-investigator on Clinical Trial for Escape Mevo, EASI toc
Hillel M. Finestone MDCM, FRCPC	Physiatrist, Director of Stroke Rehabilitation Research, Bruyere Continuing Care, Elisabeth Bruyere Hospital Professor, University of Ottawa, Department of Medicine, Division of Physical Medicine and Rehabilitation	Ottawa, ON	None to declare
Margaret Grant MScOT(c), BScOT	Senior Consultant, Alberta Health Services	Calgary, AB	All support for the work reported in the manuscript – Alberta Health Services, employee

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
			Support for attending meetings and/or travel, congress fee for Canadian Stroke Congress in Calgary was covered through Canadian Stroke Congress, Congress EyeSee After Stroke Pre-Conference Workshop Planning Committee .
Mary E. Halpine MD, FRCPC	Head of Neurorehabilitation program, Moncton City Hospital Associate Professor, Dalhousie University, Faculty of Medicine	Halifax, NS	None to declare
Anne Harris, MScPT	Physiotherapist, Acquired Brain Injury Unit, GF Strong Rehab Centre Vancouver Coastal Health	Vancouver, BC	Received/will be receiving a grant or honorarium CIHR Project Grant (2020-2024), co-applicant Currently participating, or have participated within the past two years in a clinical trial - University of British Columbia, clinical therapist
Sylvie Houde, MD, FRCP	Physiatre, neurologue, gestionnaire médical du programme AVC et autres lésions neurologiques acquises non-traumatiques Professeure adjointe de Clinique, Université de Montréal, département de médecine de réadaptation	Montréal, QC	None to declare
Dorothy Kessler PhD, O.T. Reg. (Ont.)	Associate Professor, Queen's University, School of Rehabilitation Therapy	Kingston, ON	Received/will be receiving a grant or honorarium from Queen's University and Providence Care for Scientist in Rehabilitation fellowship
Jaylyn Leighton, PhD	Postdoctoral Fellow, Lunendeld-Tanenbaum Research Institute, Sinai Health	Toronto, ON	None to declare

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
Swati Mehta, PhD	Assistant Professor, Scientist, Western University, Schulich School of Medicine and Dentistry, Lawson Research Institute	London, ON	None to declare
Stuart Miller BScPT	Physiotherapist, Community Accessible Rehabilitation, Alberta Health Services	Calgary, AB	All support for the work reported in the manuscript – AHS, employee of Alberta Health Services Involved in other investment(s) or relationship(s) that could be seen by a reasonable, well-informed participant as having the potential to influence the content of the educational activity - participated in developing National FES Toolkit however I declined any honorarium or funding for this
Jennifer Milliken RD, HBSc	Clinical Neurological Sciences, Registered Dietitian, London Health Sciences Centre	London, ON	None to declare
Luciana de Oliveira Neves, MD, MSc	Former Head of Neurology and Head of Palliative Care, Hospital São Carlos University of Fortaleza, Department of Public Health	Brazil	All support for the work reported in the manuscript – UNIFOR, I am doing a postgraduate degree (doctorate)
Asha Shelton, Speech-Language Pathologist Reg. CASLPO	S-LP, North & East GTA Stroke Network, Regional Stroke Best Practice Team, Sunnybrook Health Science Centre Adjunct Lecturer, University of Toronto, Department of Speech-Language Pathology	Toronto, ON	None to declare
Shamala Thilarajah, PhD	Allied Health Research & Innovation Lead	Singapore	None to declare

NAME	PROFESSIONAL ROLE	LOCATION	DECLARED CONFLICTS OF INTEREST
	(Implementation Science), Snr Principal Physiotherapist Associate Professor, Singapore Institute of Technology		
Ankur Wadhwa, MD, DM, FRCPC, Fellowship Canadian Stroke Consortium - scholar	Assistant Professor, University of Manitoba	Winnipeg, MB	None to declare