

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

## Appendix 1. Included Literature

Author, year	Title	Peer reviewed	Emerging concepts	
Adsten 2017	A Timeline of The Evolution of EMS and Paramedicine in Saskatchewan.	No	Complex adaptive systems	
Adsten 2017	Development Of EMS Technology in Canada.	No	Evidence informed practice and systems	
Agarwal 2015	Rationale And Methods of a Multicenter Randomized Controlled Trial of The Effectiveness of a Community Health Assessment Programme with Emergency Medical Services (Chap-EMS) Implemented on Residents Aged 55 Years and Older in Subsidised Seniors' Housing B	Yes	Social responsiveness, justice, equity and access	
Agarwal 2017	Effectiveness Of a Community Paramedic-Led Health Assessment and Education Initiative in A Seniors' Residence Building: The Community Health Assessment Program Through Emergency Medical Services (Chap-EMS).	Yes	Social responsiveness, justice, equity and access	
Agarwal 2018	Evaluation Of a Community Paramedicine Health Promotion and Lifestyle Risk Assessment Program for Older Adults Who Live in Social Housing: A Cluster Randomized Trial.	Yes	Social responsiveness, justice, equity and access	
Agarwal 2019	Rationale And Methods of An Evaluation of The Effectiveness of The Community Paramedicine at Home (Cp@Home) Program for Frequent Users of Emergency Medical Services in Multiple Ontario Regions: A Study Protocol for A Randomized Controlled Trial.	Yes	Social responsiveness, justice, equity and access	
Agarwal 2019	Reducing 9-1-1 Emergency Medical Service Calls by Implementing a Community Paramedicine Program for Vulnerable Older Adults in Public Housing in Canada: A Multi-Site Cluster Randomized Controlled Trial.	Yes	Social responsiveness, justice, equity and access	
Agarwal 2019	Social Factors in Frequent Callers: A Description of Isolation, Poverty and Quality of Life in Those Calling Emergency Medical Services Frequently.	Yes	Social responsiveness, justice, equity and access	
Agarwal 2020	Cost-Effectiveness Analysis of a Community Paramedicine Programme for Low-Income Seniors Living	Yes	Evidence informed practice and systems	Social responsiveness,

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

	in Subsidised Housing: The Community Paramedicine at Clinic Programme (Cp@Clinic).			justice, equity and access
Agarwal 2020	Feasibility Of Implementing a Community Cardiovascular Health Promotion Program with Paramedics and Volunteers in A South Asian Population.	Yes	Social responsiveness, justice, equity and access	
Allana 2021	Paramedics Have Untapped Potential to Address Social Determinants of Health in Canada.	No	Social responsiveness, justice, equity and access	
Angehrn 2020	Sleep Quality and Mental Disorder Symptoms Among Canadian Public Safety Personnel.	Yes	Healthy Professionals	
Armour 2021	Paramedic-Delivered Teleconsultations: A Grounded Theory Study	Yes	Virtual Care	
Armstrong 2019	Evaluating The Effect of a Strength and Conditioning Program to Improve Paramedic Candidates' Physical Readiness for Duty.	Yes	Healthy Professionals	
Armstrong 2019	The Ottawa Paramedic Physical Ability Test: Test-Retest Reliability and Analysis of Sex-Based Performance Differences	Yes	Healthy Professionals	
Ashton 2015	Economic Preservation: A Case for Community Paramedicine in Rural and Urban Canada.	No	Evidence informed practice and systems	Social responsiveness, justice, equity and access
Ashton 2017	Health in the North: The Potential for Community Paramedicine in Remote and/or Isolated Indigenous Communities	No	Social responsiveness, justice, equity and access	
Ashton 2019	Health Service Needs in the North: A Case Study on CSA Standard for Community Paramedicine	No	Social responsiveness, justice, equity and access	
Bang 2019	The Rural-Urban Gap: Differences in Injury Characteristics.	Yes	Adaptive expertise	
Bank 2015	Standards For Paramedic Services - What's Next?	No	Complex adaptive systems	
Bassil 2011	The Relationship Between Temperature and Ambulance Response Calls for Heat-Related Illness in Toronto, Ontario, 2005.	Yes	Planetary Health	
Batt 2015	Rethinking 'Remote and Rural' Education.	No	Social responsiveness, justice, equity and access	Learning environment

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Batt 2016	Enhancing Patient Safety Education for Paramedics with the IHI Open School	No	Learning environment	Complex adaptive systems
Batt 2016	Student Paramedic Research at Fanshawe College	No	Learning environment	
Batt 2016	Do Paramedics Have a Role to Play in Organ Donation	Yes	Complex adaptive systems	
Batt 2019	The Students Are Our Future: Growing the next Generation of Paramedic Researchers in Canada	No	Learning environment	
Batt 2021	Advances in Community Paramedicine in Response to COVID-19	No	Social responsiveness, justice, equity and access	Complex adaptive systems
Batt 2022	Developing the National Occupational Standard for Paramedics: Update 1	No	Learning environment	
Becker 2021	Driving The Ambulance: An Essential Component of Emergency Medical Services: An Integrative Review.	Yes	Learning environment	
Bennett 2020	Non-Technical Skills in Paramedicine: A Scoping Review	Yes	Healthy Professionals	Learning environment
Bigham 2012	Patient Safety in Emergency Medical Services: A Systematic Review of The Literature.	Yes	Clinical reasoning	
Bigham 2013	Expanding Paramedic Scope of Practice in The Community: A Systematic Review of The Literature.	Yes	Complex adaptive systems	
Bigham 2014	Paramedic Self-Reported Exposure to Violence in The Emergency Medical Services (Ems) Workplace: A Mixed-Methods Cross-Sectional Survey.	Yes	Healthy Professionals	
Bigham 2015	Spotlight On Science. Studying Our Wrongs, The Right Way: Patient Safety Research in Canada.	No	Clinical reasoning	
Billingham 2017	Rural And Remote Paramedicine -- Our Dirty Little Secret.	No	Complex adaptive systems	Social responsiveness, justice, equity and access
Bischoff 2021	Impact Of Prepatching on Paramedic In-Hospital Times for Emergent Interfacility Transfers	Yes	Evidence informed practice and systems	
Blanchard 2011	Carbon Footprinting Of North American Emergency Medical Services Systems.	Yes	Planetary Health	
Blanchard 2012	Emergency Medical Services Response Time and Mortality in An Urban Setting	Yes	Complex adaptive systems	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Blanchard 2019	Community Paramedic Point of Care Testing: Validity and Usability of Two Commercially Available Devices.	Yes	Evidence informed practice and systems	
Blanchard 2021	Linkage Of Emergency Medical Services and Hospital Data: A Necessary Precursor to Improve Understanding of Outcomes of Prehospital Care	Yes	Evidence informed practice and systems	
Boechler 2021	Impactful Approaches to Leadership on The Front Lines of The Covid-19 Pandemic: Lived Experiences of Canadian Paramedics.	Yes	Adaptive expertise	Complex adaptive systems
Bolduc 2018	Comparison Of Electronic Versus Manual Mass-Casualty Incident Triage.	Yes	Evidence informed practice and systems	
Boutilier 2017	Optimizing A Drone Network to Deliver Automated External Defibrillators	Yes	Evidence informed practice and systems	
Bowles 2014	Excellence In Paramedic Education.	No	Learning environment	
Bowles 2017	Four Dimensions of Paramedic Practice in Canada: Defining and Describing the Profession	Yes	Adaptive expertise	
Bowles 2019	The Problems on Your Desk: A Research Study to Define and Describe Paramedic Practice in Canada.	Yes	Adaptive expertise	
Brooks 2013	Determining Risk for Out-Of-Hospital Cardiac Arrest by Location Type in A Canadian Urban Setting to Guide Future Public Access Defibrillator Placement.	Yes	Evidence informed practice and systems	
Brown 2014	Spotlight On Science. Improving Access Through Collaboration.	No	Complex adaptive systems	
Brown 2018	Methodology Of a Cross-Sectional Study Evaluating the Impact of a Novel Mobile Care Team on The Prevalence of Ambulatory Care Sensitive Conditions Presenting to Emergency Medical Services.	Yes	Evidence informed practice and systems	
Brown 2018	The Aging Population in Canada: A Shift in Paramedic Services Delivery.	No	Social responsiveness, justice, equity and access	Evidence informed practice and systems
Brydges 2014	A Case Study of Older Adult Experiences with A Novel Community Paramedicine Program	Yes	Clinical reasoning	
Brydges 2016	The Chap-EMS Health Promotion Program: A Qualitative Study on Participants' Views of The Role of Paramedics	Yes	Clinical reasoning	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Buick 2015	Does Location Matter? A Proposed Methodology to Evaluate Neighborhood Effects on Cardiac Arrest Survival and Bystander CPR	Yes	Evidence informed practice and systems	
Bussieres 2017	Unite De Coordination Clinique des Services Prehospitaliers D'Urgence: A Clinical Telemedicine Platform That Improves Prehospital and Community Health Care for Rural Citizens.	Yes	Virtual Care	
Bussieres 2018	Clinical Adverse Events in Prehospital Patients with St-Elevation Myocardial Infarction Transported to A Percutaneous Coronary Intervention Centre by Basic Life Support Paramedics in A Rural Region.	Yes	Clinical reasoning	Evidence informed practice and systems
Calderone 2017	Community Paramedicine Initiative: Transforming Paramedicine in British Columbia.	Yes	Social responsiveness, justice, equity and access	
Cameron 2016	The Canadian Paramedic Competency Profile for The Provision of Palliative and End-Of-Life Care: Time for A Change?	No	Social responsiveness, justice, equity and access	Complex adaptive systems
Cameron, Lunn 2021	Dealing With Dying: Progressing Paramedics Role in Grief Support	Yes	Healthy Professionals	Social responsiveness, justice, equity and access
Campbell 2012	Patient Management in The Emergency Department by Advanced Care Paramedics	Yes	Adaptive expertise	Complex adaptive systems
Campeau 2011	The Paramedic Kairotope Theory: Findings.	Yes	Adaptive expertise	
Campeau 2016	Paramedical Ethics During Acute Emergency Medical Service Referral	Yes	Healthy Professionals	
Campeau 2016	Paramedical Risk Framing During Field Referral of Acute Stroke And ST Elevation Myocardial Infarction Patients.	Yes	Clinical reasoning	Adaptive expertise
Canadian Paramedicine 2014	Paramedics And Physicians Collaborate for Excellent Patient Care.	No	Adaptive expertise	
Canadian Paramedicine 2014	Stress-Related Mental Health Issues in Paramedics and Their Families.	No	Healthy Professionals	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Canadian Paramedicine 2015	Conducting EMS and Paramedic Research in Rural and Remote Locations: Challenges and Opportunities.	Yes	Learning environment	Social responsiveness, justice, equity and access
Canadian Paramedicine 2015	National Standard for Workplace Psychological Health.	No	Healthy Professionals	
Canadian Paramedicine 2015	Update On Redevelopment of The National Occupational Competency Profile.	No	Learning environment	
Canadian Paramedicine 2016	Building A Better Ambulance.	Yes	Evidence informed practice and systems	Healthy Professionals
Canadian Paramedicine 2016	Successful Paramedic Position Within Defence Research and Development Canada - Centre for Security Science.	Yes	Complex adaptive systems	
Canadian Paramedicine 2017	Crestline Unveils Canada's First Hybrid Ambulance.	Yes	Planetary Health	
Canadian Paramedicine 2017	DRDC CSS Paramedic Investments/Projects.	No	Complex adaptive systems	
Canadian Paramedicine 2017	Next Generation Ambulances and Equipment: A National Standard.	No	Evidence informed practice and systems	Planetary health
Canadian Paramedicine 2018	Bringing Community Paramedicine to BC's First Nations.	No	Social responsiveness, justice, equity and access	
Canadian Paramedicine 2018	New Technology: Welcome Relief or Added Stress?	No	Evidence informed practice and systems	
Canadian Paramedicine 2018	Paramedic Chiefs of Canada State Violence to Paramedics Is Unacceptable -- Release Position Statement on Violence to Paramedics.	No	Healthy Professionals	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Canadian Paramedicine 2018	Paramedicine For Rural and Remote British Columbians Gets an Upgrade.	Yes	Social responsiveness, justice, equity and access	
Canadian Paramedicine 2021	Paramedics Play an Important Role in International Air Ambulance Missions.	No	Adaptive expertise	
Carleton 2017	Chronic Pain Among Public Safety Personnel in Canada	Yes	Healthy Professionals	
Carleton 2018	Anxiety-Related Psychopathology and Chronic Pain Comorbidity Among Public Safety Personnel.	Yes	Healthy Professionals	
Carleton 2018	Suicidal Ideation, Plans, And Attempts Among Public Safety Personnel in Canada.	Yes	Healthy Professionals	
Carleton 2019	Exposures To Potentially Traumatic Events Among Public Safety Personnel in Canada.	Yes	Healthy Professionals	
Carrigan 2016	The Prevalence and Characteristics of Non-Transported Patients in Nova Scotia	Yes	Evidence informed practice and systems	
Carter 2019	Paramedics Providing Palliative Care at Home: A Mixed-Methods Exploration of Patient and Family Satisfaction and Paramedic Comfort and Confidence.	Yes	Clinical reasoning	Adaptive expertise
Carter 2021	A National Collaborative to Spread and Scale Paramedics Providing Palliative Care in Canada: Breaking Down Silos Is Essential to Success	Yes	Clinical reasoning	Adaptive expertise
Cavanagh 2020	A rapid review of pandemic studies in paramedicine	Yes	Complex adaptive systems	
Chan 2017	Community Paramedicine: Key Descriptions of Programs and Training	No	Evidence informed practice and systems	
Chan 2019	Community Paramedicine: A Systematic Review of Program Descriptions and Training.	Yes	Evidence informed practice and systems	
Cheskes 2020	Improving Access to Automated External Defibrillators in Rural and Remote Settings: A Drone Delivery Feasibility Study.	Yes	Evidence informed practice and systems	Social responsiveness, justice, equity and access
Chouinard 2020	Paramedics And the Chance of a Better Outcome: Psychological Health and Safety and Employer Liability	No	Healthy Professionals	
Chu 2021	Machine Learning-Based Dispatch of Drone-Delivered Defibrillators for Out-Of-Hospital Cardiac Arrest.	Yes	Evidence informed practice and systems	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Clark 2017	Emergency Response in A Rapidly Changing Arctic.	Yes	Planetary Health	Social responsiveness, justice, equity and access
Clark 2018	What Role Can Unmanned Aerial Vehicles Play in Emergency Response in The Arctic: A Case Study from Canada.	Yes	Evidence informed practice and systems	Planetary health
Cochrane 2019	Investigating The Attitudes of Canadian Paramedic Students Towards Homelessness.	Yes	Social responsiveness, justice, equity and access	
Coffey 2016	A Physical Demands Description of Paramedic Work in Canada	Yes	Healthy Professionals	
Colbeck 2018	International Examination and Synthesis of the Primary and Secondary Surveys in Paramedicine	Yes	Clinical reasoning	
Crosetta 2019	Patient Safety and Quality Improvement Education for Paramedics: Practicing What We Preach	No	Complex adaptive systems	Learning environment
Curley 2021	First Responders' Perceptions of The Presence of Support Canines in The Workplace	Yes	Healthy Professionals	
Curran 2018	Conceptualizing And Managing Medical Emergencies Where No Formal Paramedical System Exists: Perspectives from A Remote Indigenous Community in Canada.	Yes	Social responsiveness, justice, equity and access	
Cuthbertson 2021	My Life as A Disabled Paramedic.	No	Inclusion, diversity, equity and accessibility	
Dainton 2021	A Multicenter Study of Short-Term Changes in Mental Health Emergency Services Use During Lockdown in Kitchener-Waterloo, Ontario During the Covid-19 Pandemic.	Yes	Evidence informed practice and systems	
Dainty 2013	Developing A Canadian Emergency Medical Services Research Agenda: A Baseline Study of Stakeholder Opinions.	Yes	Complex adaptive systems	
Dainty 2018	Home Visit-Based Community Paramedicine and Its Potential Role in Improving Patient-Centered Primary Care: A Grounded Theory Study and Framework.	Yes	Clinical reasoning	
D'Angelo 2016	Creating An Engaged Workforce.	No	Inclusion, diversity, equity and accessibility	



Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Dejean 2016	Inappropriate Ambulance Use: A Qualitative Study of Paramedics' Views	Yes	Clinical reasoning	Adaptive expertise
Do 2018	At-A-Glance - What Can Paramedic Data Tell Us About the Opioid Crisis in Canada?	Yes	Evidence informed practice and systems	
Dohan 2017	Technology Knowledge, Skills and Resources in Paramedicine: How Do They Help Paramedic Services Innovate?	No	Evidence informed practice and systems	
Dohan 2017	The Impact of Healthcare Informatics Competencies on Dynamic Capabilities: A Multilevel Study of Paramedic Services	Yes	Evidence informed practice and systems	
Dol 2019	Incidence Of Mortality Due to Rebound Toxicity After A 'Treat and Release' Practices in Prehospital Opioid Overdose Care: A Systematic Review	Yes	Social responsiveness, justice, equity and access	Evidence informed practice and systems
Donelon 2016	Developing Our Profession Through Self-Regulation.	No	Adaptive expertise	
Donnelly 2016	Predictors Of Posttraumatic Stress and Preferred Sources of Social Support Among Canadian Paramedics.	Yes	Healthy Professionals	
Donnelly 2019	Fatigue And Safety in Paramedicine.	Yes	Healthy Professionals	
Donnelly 2020	What Influences Safety in Paramedicine? Understanding The Impact of Stress and Fatigue on Safety Outcomes	Yes	Healthy Professionals	
Douglas 2012	Paramedics' Experiences with Death Notification: A Qualitative Study.	Yes	Healthy Professionals	Learning environment
Drennan 2014	Expanding Paramedicine in The Community (Epic): Study Protocol for A Randomized Controlled Trial	Yes	Complex adaptive systems	
Drewitz-Chesney 2019	Exploring Paramedic Communication and Emotional Expression in The Workplace After Responding to Emergency Calls	Yes	Healthy Professionals	
Eaton and Mason 2019	Values: What are they Worth in Paramedicine?	No	Clinical reasoning	
Eaton 2020	Change The Narrative	No	Inclusion, diversity, equity and accessibility	
Farnady 2018	Ethics And the Paramedic Profession.	No	Clinical reasoning	
Ferrier 2017	Evolution Of Canadian Paramedicine Slow? No Way!	No	Complex adaptive systems	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Ferron 2021	The Effect of Covid-19 On Emergency Medical Service Call Volumes and Patient Acuity: A Cross-Sectional Study in Niagara, Ontario.	Yes	Evidence informed practice and systems	
Fischer 2017	Identifying The Critical Physical Demanding Tasks of Paramedic Work: Towards the Development of a Physical Employment Standard.	Yes	Healthy Professionals	
Foerster 2017	Ambiguities And Violations of Patient Autonomy from Ontario's Prehospital "Do Not Resuscitate" Form.	No	Social responsiveness, justice, equity and access	Clinical reasoning
Ford-Jones 2017	A Critical Analysis of Debates Around Mental Health Calls in The Prehospital Setting	Yes	Social responsiveness, justice, equity and access	
Ford-Jones 2020	Filling The Gap: Mental Health and Psychosocial Paramedicine Programming in Ontario, Canada	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Ford-Jones 2020	Mental Health and Psychosocial Calls in The Prehospital Setting in Ontario: A Qualitative Case Study	Yes	Social responsiveness, justice, equity and access	Learning environment
Ford-Jones 2020	Paramedicine And Mental Health: A Qualitative Analysis of Limitations to Education and Practice in Ontario.	Yes	Learning environment	Social responsiveness, justice, equity and access
Fuzery 2020	Point-Of-Care Testing Practices, Failure Modes, And Risk-Mitigation Strategies in Emergency Medical Services Programs in The Canadian Province of Alberta.	Yes	Evidence informed practice and systems	
Glicksman 2021	Prepatching Reduces Paramedic In-Hospital Time for Emergent Interfacility Transfers of Patients Requiring Mechanical Ventilation or Vasopressors: A Retrospective Cohort Study.	Yes	Evidence informed practice and systems	
Goldstein 2015	The Epidemiology of Prehospital Emergency Responses for Older Adults in A Provincial Ems System.	Yes	Complex adaptive systems	Evidence informed practice and systems

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Goldstein 2015	The Role of Emergency Medical Services in Geriatrics: Bridging the Gap Between Primary and Acute Care.	Yes	Social responsiveness, justice, equity and access	Evidence informed practice and systems
Gomez-Gutierrez 2014	Posttraumatic Stress Symptomatology in Pre-Hospital Emergency Care Professionals Assaulted by Patients And/or Relatives Importance of Severity and Experience of The Aggression	Yes	Healthy Professionals	
Graham 2016	The Upstream Paramedic.	No	Complex adaptive systems	Social responsiveness, justice, equity and access
Graham 2018	Community Paramedic: A Practitioner's Perspective.	No	Healthy Professionals	
Greene 2021	A Service Evaluation of Prehospital Blood Transfusion by Critical Care Paramedics in British Columbia, Canada.	Yes	Evidence informed practice and systems	Clinical reasoning
Grenier 2021	Enhancing Professional Practice and Professionalism Among Canadian Rural Paramedics	Yes	Adaptive expertise	
Hansen 2017	Prehospital Management of Acute Stroke in Rural Versus Urban Responders	Yes	Social responsiveness, justice, equity and access	
Hebert 2021	Remote Certification of Out-Of-Hospital Deaths in A Canadian Province: An 8-Year Experience of a Novel Practice	Yes	Evidence informed practice and systems	Complex adaptive systems
Heidet 2021	Rationale, Development and Implementation of The Reacanroc Registry for Out-Of-Hospital Cardiac Arrests in France and Canada.	Yes	Evidence informed practice and systems	
Heinelt 2015	Prehospital Identification of Underlying Coronary Artery Disease by Community Paramedics.	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Helmer 2021	The Women of The North.	No	Inclusion, diversity, equity and accessibility	
Hilliard 2017	An Introduction to Reflective Practice for Paramedics and Student Paramedics.	No	Adaptive expertise	
Hines Duncliffe 2019	When Ambulances Crash.	No	Healthy Professionals	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Homier 2020	Drone Versus Ground Delivery of Simulated Blood Products to An Urban Trauma Center: The Montreal Medi-Drone Pilot Study.	Yes	Evidence informed practice and systems	
Jain 2018	Comparison Of Unmanned Aerial Vehicle Technology-Assisted Triage Versus Standard Practice in Triaging Casualties by Paramedic Students in A Mass-Casualty Incident Scenario.	Yes	Evidence informed practice and systems	
Jain 2021	Comparison Of Unmanned Aerial Vehicle Technology Versus Standard Practice of Scene Assessment by Paramedic Students of a Mass-Gathering Event.	Yes	Evidence informed practice and systems	
James 2018	Organ Donation - A Role for Paramedics?	No	Clinical reasoning	Complex adaptive systems
Javidan 2020	Clinical Handover from Emergency Medical Services to The Trauma Team: A Gap Analysis.	Yes	Clinical reasoning	
Jensen 2011	Consensus On Paramedic Clinical Decisions During High-Acuity Emergency Calls: Results of A Canadian Delphi Study.	Yes	Clinical reasoning	
Jensen 2011	Methodology For the Development of a Canadian National EMS Research Agenda.	Yes	Learning environment	
Jensen 2011	Towards National Evidence-Informed Practice Guidelines for Canadian EMS: Future Directions.	Yes	Clinical reasoning	Evidence informed practice and systems
Jensen 2014	The Canadian National EMS Research Agenda.	No	Learning environment	
Jensen 2015	Alternatives To Traditional EMS Dispatch and Transport: A Scoping Review of Reported Outcomes.	Yes	Evidence informed practice and systems	
Jensen 2015	The Canadian National EMS Research Agenda: Impact and Feasibility of Implementation of Previously Generated Recommendations.	Yes	Learning environment	
Jensen 2017	Contemporary Evidence-Based Practice in Canadian Emergency Medical Services: A Vision for Integrating Evidence into Clinical and Policy Decision-Making.	Yes	Clinical reasoning	
Johnston 2018	Keeping Them on Their Feet: Novel Solutions to the Emerging Lift Assist Trend	No	Adaptive expertise	Evidence informed practice and systems
Johnston 2019	Canadian Paramedic Program Use of Realistic Simulation in Education (Purse): A Descriptive Study.	Yes	Learning environment	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Juhrmann 2021	Paramedics Delivering Palliative and End-Of-Life Care in Community-Based Settings: A Systematic Integrative Review with Thematic Synthesis.	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Kapoor 2020	Call 911: Lower Ambulance Utilization Among Young Adults, Especially Women, With Stroke.	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Kearns 2018	Analysis Of 9-1-1 Call Data from An Emergency Management Perspective: A Case Study of The City of Lethbridge	Yes	Evidence informed practice and systems	
Kent 2016	Eat, Sleep and Be Healthy: a Paramedic's Guide to Healthier Shift Work.	No	Healthy Professionals	
Kohl 2021	A "Paramedic-Athlete" Model for Improving Mental Wellness and Resilience in Canadian Paramedicine.	No	Healthy Professionals	
Koopmans 2017	Emergency Response Services Suicide: A Crisis in Canada?	Yes	Healthy Professionals	
Kornelsen 2018	High Acuity Rural Transport: Findings from A Qualitative Investigation.	Yes	Social responsiveness, justice, equity and access	
Kornelsen 2021	Rural Citizen-Patient Priorities for Healthcare in British Columbia, Canada: Findings from A Mixed Methods Study.	Yes	Social responsiveness, justice, equity and access	
Krook 2019	Blood On Board: The Development of a Prehospital Blood Transfusion Program in A Canadian Helicopter Emergency Medical Service.	Yes	Evidence informed practice and systems	Complex adaptive systems
Kuluski 2016	Patterns Of Community Follow-Up, Subsequent Health Service Use and Survival Among Young and Mid-Life Adults Discharged from Chronic Care Hospitals: A Retrospective Cohort Study.	Yes	Evidence informed practice and systems	
Kus 2018	Exploring Empathy Levels among Canadian Paramedic Students	Yes	Healthy Professionals	
Lad 2018	Comparing The Biomechanical and Psychophysical Demands Imposed on Paramedics When Using Manual and Powered Stretchers.	Yes	Healthy Professionals	
Laidlaw 2015	First Responder Suicides: Is There a Solution?	No	Healthy Professionals	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Langridge 2021	Microaggression in Paramedic Practice	No	Inclusion, diversity, equity and accessibility	
Lanos 2019	Navigating Pre-Hospital End of Life Care: A Paramedic Perspective	No	Complex adaptive systems	Clinical reasoning
Lanos 2019	GoSponsor Us. Going beyond Mentoring for Women in Paramedicine	No	Inclusion, diversity, equity and accessibility	
Leblanc 2012	The Impact of Stress on Paramedic Performance During Simulated Critical Events.	Yes	Healthy Professionals	Clinical reasoning
Leduc 2021	Community Paramedicine for Long-Term Care Patients: Examining Clinical Conditions Manageable by Paramedics, Avoiding Emergency Department Visits	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Leeies 2017	Prehospital Application of The Canadian Triage and Acuity Scale by Emergency Medical Services.	Yes	Evidence informed practice and systems	
Leggatt 2017	Morbidity And Mortality Associated with Prehospital "Lift-Assist" Calls.	Yes	Evidence informed practice and systems	
Leggio 2014	Objectives, Taxonomies and Competencies of Community Oriented and Community Based Education Applied to Community Paramedicine	Yes	Adaptive expertise	Clinical reasoning
Lentz 2021	Compromised Conscience: A Scoping Review of Moral Injury Among Firefighters, Paramedics, And Police Officers.	Yes	Healthy Professionals	
Leung 2021	Public Defibrillator Accessibility and Mobility Trends During the Covid-19 Pandemic in Canada.	Yes	Evidence informed practice and systems	
Levesque 2014	Paramedic Woman's Community.	No	Inclusion, diversity, equity and accessibility	
Levitan 2018	Paramedics' Perspectives on Factors Impacting On-Scene Times for Trauma Calls.	Yes	Clinical reasoning	
Leyenaar 2019	Examining Consensus for A Standardized Patient Assessment in Community Paramedicine Home Visits: A Rand/UCLA-Modified Delphi Study.	Yes	Clinical reasoning	
Leyenaar 2019	Indicators Of Paramedic Service Use by Community Dwelling Older Adults	Yes	Social responsiveness, justice, equity and access	
Leyenaar 2019	What Do Community Paramedics Assess? An Environmental Scan and Content Analysis of Patient Assessment in Community Paramedicine.	Yes	Clinical reasoning	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Leyenaar 2020	Community Paramedicine: Part of A Modern Emergency Health Services System.	No	Complex adaptive systems	
Leyenaar 2021	Paramedics Assessing Patients with Complex Comorbidities in Community Settings: Results from The Carpe Study.	Yes	Clinical reasoning	Complex adaptive systems
Leyenaar 2021	Relevance Of Assessment Items in Community Paramedicine Home Visit Programmes: Results of A Modified Delphi Study.	Yes	Clinical reasoning	
Liu 2020	Patient And Paramedic Experiences with A Direct Electronic Referral Program for Hypoglycemia Education Following Paramedic Service Assist-Requiring Hypoglycemia: A Qualitative Study	Yes	Evidence informed practice and systems	Clinical reasoning
Lobay 2017	Transport Determinants for Continuing Care Residents Assessed by An Ems Urgent Response Team: A Retrospective Observational Study.	Yes	Evidence informed practice and systems	
Long 2019	Paramedic Delivery of Community-Based Palliative Care: An Overlooked Resource?	Yes	Complex adaptive systems	
Lunn 2021	Call To Action: Antiracism in Paramedicine.	No	Anti-racism	
Lunsky 2015	Predictors Of Emergency Service Use in Adolescents and Adults with Autism Spectrum Disorder Living with Family	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
Macdonald 2021	Pre-transport Risk Assessment of Agitated Patients in Air Medical Transport.	Yes	Evidence informed practice and systems	
Mackey 2017	Paramedic Identification and Management of Victims of Intimate Partner Violence: A Literature Review	Yes	Social responsiveness, justice, equity and access	
Macquarrie 2014	Fit For Duty: The Demands of Paramedic Performance.	No	Healthy Professionals	
Macquarrie 2016	Measuring And Predicting Paramedic Physiological Performance.	No	Healthy Professionals	
Mahmuda 2018	Understanding Why Frequent Users of Ems Call 9-1-1: A Grounded Theory Study:	Yes	Social responsiveness, justice, equity and access	Evidence informed practice and systems
Makrides 2021	Advanced Care or Advanced Life Support What Are We Providing?	Yes	Learning environment	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Martin 2016	Consumer Perspectives of a Community Paramedicine Program in Rural Ontario.	Yes	Clinical reasoning
Martin 2017	Mobile Emergency Simulation Training for Rural Health Providers.	Yes	Learning environment
Martin 2019	Perspectives From the Frontline of Two North American Community Paramedicine Programs: An Observational, Ethnographic Study.	Yes	Learning environment
Mason 2018	Let's Make This Our "Thing": Leveling the Playing Field for A Brighter Future in Paramedicine.	No	Inclusion, diversity, equity and accessibility
Mason 2020	Diversity Champion Program -- An Initiative of The Ottawa Paramedic Service.	No	Inclusion, diversity, equity and accessibility
Mausz 2015	The Impact of Prehospital Resuscitation Research on In-Hospital Care.	Yes	Evidence informed practice and systems
Mausz 2016	Learning In Professionally 'Distant' Contexts: Opportunities and Challenges.	Yes	Learning environment
Mausz 2021	The Relationship Between Role Identity and Mental Health Among Paramedics	Yes	Healthy Professionals
Mausz 2021	The Role of Organizational Culture in Normalizing Paramedic Exposure to Violence	Yes	Healthy Professionals
Maynard 2021	Lowering The Ladder.	No	Inclusion, diversity, equity and accessibility
McCall 2021	Stakeholder Perspectives on Internet-Delivered Cognitive Behavioral Therapy for Public Safety Personnel: A Qualitative Analysis.	Yes	Healthy Professionals
McCann 2018	Foam For Canadian Paramedics.	No	Learning environment
Mellow 2017	Evidence-Based Ems. Overcoming Stress: Groundbreaking Data Collected on Mental Health of First Responders.	Yes	Healthy Professionals
Mercer 2018	Leading On the Edge: The Nature of Paramedic Leadership at The Front Line of Care.	Yes	Adaptive expertise
Mew 2017	An Environmental Scan of Emergency Response Systems and Services in Remote First Nations Communities in Northern Ontario.	Yes	Social responsiveness, justice, equity and access
Moallef 2021	A Drug-Related Good Samaritan Law and Calling Emergency Medical Services for Drug Overdoses in A Canadian Setting.	Yes	Social responsiveness, justice, equity and access



Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Morales 2016	Patient Acuity as A Determinant of Paramedics' Frequency of Being Exposed to Physically Demanding Work Activities.	Yes	Healthy Professionals	Evidence informed practice and systems
Nemiroff 2019	Adherence To "No Transfer to Hospital" Advance Directives Among Nursing Home Residents.	Yes	Evidence informed practice and systems	clinical reasoning
Nolan 2015	The Disparity Between Urban, Rural and Remote Paramedic Service in Canada.	No	Social responsiveness, justice, equity and access	
Nolan 2018	Community Paramedicine Is Growing in Impact and Potential.	Yes	Social responsiveness, justice, equity and access	
Nolan 2020	Recommendations For Emergency Departments Receiving Patients with Vital Signs Absent from Paramedics During Covid-19.	Yes	Evidence informed practice and systems	
Nolan 2020	Risk Factors for Non-Optimal Resource Utilization for Emergent Interfacility Transfers by Air Ambulance in Ontario.	Yes	Evidence informed practice and systems	
Nowrouzi-Kia 2021	Quality Of Work Life of Paramedics Practicing Community Paramedicine in Northern Ontario, Canada: A Mixed-Methods Sequential Explanatory Study.	Yes	Healthy Professionals	
O'Dochartaigh 2017	Five-Year Retrospective Review of Physician and Non-Physician Performed Ultrasound in A Canadian Critical Care Helicopter Emergency Medical Service.	Yes	Evidence informed practice and systems	clinical reasoning
Ogunade 2021	Public Perceptions of The Cost of Paramedic Services in Saskatchewan, Canada	Yes	Clinical reasoning	
Olsen 2020	Large-Scale Air Medical Operations in The Age of Coronavirus Disease 2019: Early Leadership Lessons from The Front Lines of British Columbia	Yes	Evidence informed practice and systems	
O'Meara 2014	Community Paramedicine: Higher Education as An Enabling Factor	Yes	Learning environment	
O'Meara 2014	Paramedic Self-Regulation and Professional Autonomy.	No	Adaptive expertise	
O'Meara 2015	Integrating A Community Paramedicine Program with Local Health, Aged Care and Social Services: An Observational Ethnographic Study	Yes	Social responsiveness, justice, equity and access	Complex adaptive systems
O'Meara 2016	Community Paramedicine Model of Care: An Observational, Ethnographic Case Study	Yes	Social responsiveness,	Complex adaptive systems

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

			justice, equity and access	
Orkin 2012	Where There Is No Paramedic: The Sachigo Lake Wilderness Emergency Response Education Initiative.	Yes	Social responsiveness, justice, equity and access	
Orkin 2016	Community-Based Emergency Care: A Model for Prehospital Care in Remote Canadian Communities.	Yes	Social responsiveness, justice, equity and access	
Pagano 2018	Empathy Levels in Canadian Paramedic Students: A Longitudinal Study.	Yes	Healthy Professionals	
Prevost 2019	Patient Experiences in Rural Northern Ontario: Small Hospital Utilization and Perspectives on Community Paramedicine	No	Clinical reasoning	Social responsiveness, justice, equity and access
Ramey 2019	Drowsy And Dangerous? Fatigue In Paramedics: An Overview	Yes	Healthy Professionals	
Reay 2018	Creative Adapting in A Fluid Environment: An Explanatory Model of Paramedic Decision Making in The Pre-Hospital Setting.	Yes	Adaptive expertise	clinical reasoning
Redpath 2018	Big Advancements in Safely Delivering Tiny Packages: OMM Paramedic Service and The Children's Hospital of Eastern Ontario Partner in The Creation of a Specialized Neonatal Transport Unit.	No	Complex adaptive systems	
Reece 2015	UAVs: Drones and You!	No	Evidence informed practice and systems	
Reece 2015	Unmanned Air Vehicles.	No	Evidence informed practice and systems	
Ricciardelli 2019	Fit For Public Safety: Informing Attitudes and Practices Tied to The Hiring of Public Safety Personnel	Yes	Inclusion, diversity, equity and accessibility	Healthy Professionals
Ricciardelli 2020	Public Safety Personnel's Interpretations of Potentially Traumatic Events	Yes	Healthy Professionals	
Robar 2014	Paramedics And the Mental Health Patient.	No	Social responsiveness, justice, equity and access	
Robb 2019	Patient Safety and Quality Improvement Education for Paramedics: The Role of the IHI Open School Chapter	No	Learning environment	Complex adaptive systems
Roberts 2015	Pandemic Preparedness of B.C. Paramedics.	Yes	Adaptive expertise	Complex adaptive systems
Rosa 2021	Community Paramedicine to Support Palliative Care	Yes	Complex adaptive systems	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Rouse 2018	A Traumatic Tale of Two Cities: Does Ems Level of Care and Transportation Model Affect Survival in Patients with Trauma at Level 1 Trauma Centers in Two Neighboring Canadian Provinces?	Yes	Evidence informed practice and systems	
Ruest 2016	County Of Renfrew Paramedic Service Paramedic Resilience Program Contribution to The Health Promotion Strategies That Address the Inequities Associated with Social Isolation of Seniors in The County of Renfrew.	No	Social responsiveness, justice, equity and access	
Ruest 2017	Canadian Safety and Security Program - Paramedic Community of Practice Update.	No	Evidence informed practice and systems	
Ruest 2017	Canadian Safety and Security Program: Paramedic Review Report 2012-2017.	No	Evidence informed practice and systems	
Ruest 2017	Community Health Evaluations Completed Using Paramedic Service (Checups): Design and Implementation of a New Community-Based Health Program.	No	Complex adaptive systems	Social responsiveness, justice, equity and access
Schierholtz 2019	Impact Of Lift Assist Calls on Paramedic Services: A Descriptive Study.	Yes	Evidence informed practice and systems	
Schwartz 2015	Transfer Of Care and Offload Delay: Continued Resistance or Integrative Thinking?	Yes	Evidence informed practice and systems	Complex adaptive systems
Sedlakova 2020	Prehospital Ultrasound Use Among Canadian Aeromedical Service Providers - A Cross-Sectional Survey.	Yes	Evidence informed practice and systems	
Setlack 2021	Workplace Violence and Psychopathology in Paramedics and Firefighters: Mediated by Posttraumatic Cognitions.	Yes	Healthy Professionals	
Severson 2019	Interoperability In Incident Command.	Yes	Adaptive expertise	
Shang 2021	Discrimination Experienced by Asian Canadian and Asian American Health Care Workers During the Covid-19 Pandemic: A Qualitative Study.	Yes	Inclusion, diversity, equity and accessibility	
Sheffield 2016	Decision-Making Processes When Paramedics Refer Low Acuity Patients Away from Hospital: A Scoping Review.	Yes	Clinical reasoning	
Sinclair 2018	Barriers To Self-Reporting Patient Safety Incidents by Paramedics: A Mixed Methods Study.	Yes	Learning environment	Complex adaptive systems

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Smith 2015	Analyzing The Usability of the 5-Level Canadian Triage and Acuity Scale by Paramedics in The Prehospital Environment.	Yes	Evidence informed practice and systems	
Smith 2017	What International Models Can Teach Us About High-Performance Ems.	No	Evidence informed practice and systems	
Smith-Macdonald 2021	Meat In a Seat: A Grounded Theory Study Exploring Moral Injury in Canadian Public Safety Communicators, Firefighters, And Paramedics.	Yes	Healthy Professionals	
Speers 2021	Stronger Together: Recognizing our Biases, and Working Together to Become Agents of Change	No	Inclusion, diversity, equity and accessibility	
Stelnicki 2021	Evaluation Of Before Operational Stress: A Program to Support Mental Health and Proactive Psychological Protection in Public Safety Personnel.	Yes	Healthy Professionals	
Stewart 2019	Are Emergency Medical Services Offload Delay Patients at Increased Risk of Adverse Outcomes?	Yes	Evidence informed practice and systems	
Strum 2021	Examining The Association Between Paramedic Transport to The Emergency Department and Hospital Admission: A Population-Based Cohort Study.	Yes	Evidence informed practice and systems	
Strum 2021	Identifying Patient Characteristics Associated with Potentially Redirectable Paramedic Transported Emergency Department Visits in Ontario, Canada: A Population-Based Cohort Study	Yes	Evidence informed practice and systems	
Strum 2022	Emergency Department Interventions That Could Be Conducted in Subacute Care Settings for Patients with Nonemergent Conditions Transported by Paramedics: A Modified Delphi Study.	Yes	Evidence informed practice and systems	
Szeto 2016	Paramedicine And the R2Mr - Road to Mental Readiness.	No	Healthy Professionals	
Szeto 2019	The Road to Mental Readiness for First Responders: A Meta-Analysis of Program Outcomes.	Yes	Healthy Professionals	
Tavares 2013	Global Rating Scale for The Assessment of Paramedic Clinical Competence	Yes	Learning environment	
Tavares 2016	Informing A Canadian Paramedic Profile: Framing Concepts, Roles and Crosscutting Themes.	Yes	Learning environment	Adaptive expertise
Tavares 2017	Building Capacity in Healthcare by Re-Examining Clinical Services in Paramedicine.	Yes	Complex adaptive systems	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Tavares 2021	Principles to guide the future of paramedicine in Canada	Yes	Learning environment	Complex adaptive systems
Terashima 2018	Correlation Of Age and Rurality with Low-Urgency Use of Emergency Medical Services (Luems): A Geographic Analysis.	Yes	Evidence informed practice and systems	
Thompson 2018	Apercu - Que Peuvent Nous Reveler Les Donnees Des Ambulanciers Paramedicaux Sur La Crise Des Opioides Au Canada?, At-A-Glance - What Can Paramedic Data Tell Us About The Opioid Crisis In Canada?	Yes	Evidence informed practice and systems	
Thurman 2020	A Scoping Review of Community Paramedicine: Evidence and Implications for Interprofessional Practice.	Yes	Adaptive expertise	
Tien 2011	The Canadian Forces Trauma Care System	Yes	Evidence informed practice and systems	
Tien 2018	How Air Ambulance Services Can Improve Care Delivered to Remote Indigenous Communities.	Yes	Evidence informed practice and systems	Social responsiveness, justice, equity and access
Tremblay 2020	Exploration Of the Health Status of Experienced New Brunswick Paramedics.	No	Healthy Professionals	
Tremblay 2020	Physiological Responses During Paramedics' Simulated Driving Tasks.	Yes	Healthy Professionals	
Triska 2014	Spotlight On Science. Studying Ourselves: Caring for Paramedics with Occupational Stress.	No	Healthy Professionals	
Trombley 2020	It's Not Just All Grandmas and Cookies: A Day in The Life of a Rural Community Paramedic.	No	Social responsiveness, justice, equity and access	
Ulrich 2021	Female Leaders in Paramedicine: Sharing the Hive or A Sting in Their Tale?	No	Inclusion, diversity, equity and accessibility	
Vacon 2016	Is Your Equipment What It Claims to Be?	No	Evidence informed practice and systems	
Vaillancourt 2018	Patient And Paramedic Engagement in Prehospital Emergency Medicine Research.	Yes	Learning environment	
Vanderburgh 2014	Community-Based First Aid: A Program Report on The Intersection of Community-Based Participatory Research and First Aid Education in A Remote Canadian Aboriginal Community.	Yes	Learning environment	Social responsiveness, justice, equity and access
Vandermeulen 2021	"That's Why People Don't Call 911": Ending Routine Police Attendance at Drug Overdoses.	Yes	Social responsiveness,	Complex adaptive systems

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

			justice, equity and access	
Vaughan 2020	Building Personal Resilience in Primary Care Paramedic Students, And Subsequent Skill Decay	Yes	Healthy Professionals	
Verma 2018	Paramedic-Initiated Home Care Referrals and Use of Home Care and Emergency Medical Services.	Yes	Evidence informed practice and systems	
Vig 2020	Mental Health and Social Support Among Public Safety Personnel	Yes	Healthy Professionals	
Walker 2013	The Impact of Intense Airway Management Training on Paramedic Knowledge and Confidence Measured Before, Immediately After and at 6 And 12 Months After Training.	Yes	Learning environment	
Walker 2014	What Successful Community Paramedic Programs Do Well...	No	Complex adaptive systems	
Waterman 2020	Abdominal Ultrasound Image Acquisition and Interpretation by Novice Practitioners After Minimal Training on A Simulated Patient Model.	Yes	Evidence informed practice and systems	
West 2016	Violence Against Paramedics: Student Paramedics Speak Out.	No	Healthy Professionals	
Whate 2021	Performance Of the InterRAI Ed Screener for Risk-Screening in Older Adults Accessing Paramedic Services.	Yes	Evidence informed practice and systems	
Whitfield 2020	The Polar Opposites ... Or not? Comparing Rural Ambulance in Canada and Australia.	No	Adaptive expertise	Social responsiveness, justice, equity and access
Williamson 2021	A Qualitative Study to Identify Factors That Influence Patients' Decisions to Call Emergency Medical Services for Syncope.	Yes	Evidence informed practice and systems	
Williams-Yuen 2020	'You're Not Just a Medical Professional': Exploring Paramedic Experiences of Overdose Response Within Vancouver's Downtown Eastside.	Yes	Healthy Professionals	Social responsiveness, justice, equity and access
Wingrove 2015	The International Roots of Community Paramedicine.	No	Evidence informed practice and systems	
Wong 2012	Job Strain and Shift Work Influences on Biomarkers And subclinical Heart Disease Indicators: A Pilot Study	Yes	Healthy Professionals	

Emerging concepts in the paramedicine literature to inform the revision of a pan-Canadian competency framework for paramedics: a restricted review

Xi 2021	Paramedics Working in General Practice: A Scoping Review	Yes	Complex adaptive systems	
Xie 2021	Economic Analysis of Mobile Integrated Health Care Delivered by Emergency Medical Services Paramedic Teams.	Yes	Evidence informed practice and systems	
Young 2015	Paramedic Chiefs of Canada's National Mentoring Program.	No	Adaptive expertise	
Young 2018	Psychological Health and Safety in The Paramedic Service Organization: A Look at The New Standard	No	Healthy Professionals	
Young 2019	Patient Transportation in Canada's Northern Territories: Patterns, Costs and Providers' Perspectives.	Yes	Social responsiveness, justice, equity and access	Evidence informed practice and systems
Yung 2021	Developing A Canadian Fatigue Risk Management Standard for First Responders: Defining the Scope	Yes	Healthy Professionals	