



NOUVEAUTÉS! NEWS!

Examen de la portée / Scoping Review

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Keeping our independent seniors: a scoping review in Emergency department, transitional and community health service after an injury or a fall

Emond et al. Complete author list available in the complete report.

Objectives

- Describe acute elder care interventions
- Describe community services that help pre-frail independent seniors restore their autonomy or independence in activities of daily living following a minor injury or a fall

Design

- A scoping review on Emergency Department (ED) transition services and community health services
- Prevent functional decline in injured independent seniors discharged home

Setting

- What are the interventions designed to restore or maintain functional independence of older adults presenting to the emergency department following an injury or a fall?
- Literature published from inception to October 2015 in PubMed, EMBASE, and grey literature websites was searched.
- A single author first screened titles of 2019 retrieved studies; two independent reviewers screened 127 abstracts / full text for eligibility.
- Inclusion criteria: 60 years or older, living in the community, had a history of minor injury or a fall, visited a primary care setting (ED or other)

Key concept

This clinical review highlighted two key concepts of interventions:

Key concept 1: Emergency Department and transition strategies (n=10)
Key concept 2: Community interventions for Fall-prevention (n=12)

Emergency department

Brief-risk screening tool to detect functional, cognitive and social impairments
Comprehensive geriatric assessment to determine medication, psychological and functional capability

Transitions strategies after ED discharge

Discharge planning / Care coordination to help the patient transition from hospital to home environment
Community referrals/ Discharge instruction / education prescription assistance to appropriate primary care, home care programs or community services
Telephone follow-up to clarify discharge and home care instructions
Health professionals visitors who assess and plan community services for patients at home

Indicates the number of articles related to key concept items. Only 2 more references were considered pertinent.

Dernières publications Recent publications

Comparing the effects of a home-based exercise program using a gerontechnology to a community-based group exercise program on functional capacities in older adults after a minor injury

D Martel, M Lauzé, A Agnoux, LF de Laclos, R Daoust, M Émond, MJ Sirois, AM Aubertin-Leheudre

Experimental gerontology

<https://doi.org/10.1016/j.exger.2018.03.016>

Selective Prereduction Radiography in Anterior Shoulder Dislocation: The Fresno-Quebec Rule

M Émond, C Gariepy, V Boucher, GW Hendey

The Journal of emergency medicine

<https://doi.org/10.1016/j.jemermed.2018.04.057>

Frailty Assessment to Help Predict Patients at Risk of Delirium When Consulting the Emergency Department

M Giroix, MJ Sirois, V Boucher, R Daoust, É Gouin, M Pelletier,

S Berthelot, P Voyer, M Emond

Journal of Emergency Medicine

<https://doi.org/10.1016/j.jemermed.2018.02.032>

Performance of the French version of the 4AT for screening the elderly for delirium in the emergency department

AJ Gagné, P Voyer, V Boucher, A Nadeau, PH Carmichael,

M Pelletier, E Gouin, S Berthelot, R Daoust, M Wilchesky, H Richard,

I Pelletier, S Baillargeon, A Laguë, M Emond

Canadian Journal of Emergency Medicine

<https://doi.org/10.1017/cem.2018.367>

Mobility assessments of geriatric emergency department patients: A systematic review

D Eagles, K Yádav, JJ Perry, MJ Sirois, M Emond

Canadian Journal of Emergency Medicine

<https://doi.org/10.1017/cem.2017.46>

Recent opioid use and fall-related injury among older patients with trauma

R Daoust, J Paquet, L Moore, M Émond, S Gosselin, G Lavigne,

M Choinière, A Boulanger, JM Mac-Thiong, JM Chauny

CMAJ

<https://doi.org/10.1503/cmaj.171286>

Prognostic Value of S-100B Protein for Prediction of Post-Concussion Symptoms after a Mild Traumatic Brain Injury: Systematic Review and Meta-Analysis

E Mercier, PA Tardif, PA Cameron, BL Batomen Kuimi, M Emond,

L Mooré, B Mitra, J Frenette, E DE Guise, MC Ouellet, M Bordeleau,

N Le Sage

Journal of neurotrauma

<https://doi.org/10.1089/neu.2017.5013>

Nouveau projet de recherche en cours

Le recrutement pour le projet de recherche ACCEPTability of Elderly PaTients' self-assessment in the Emergency Department (ACCEPTED). Il s'agit du projet de Valérie Boucher, étudiante à la maîtrise dans notre équipe. Ce projet est financé par la Fondation du CHU de Québec Université Laval. Un total de 66 patients doit être recruté

New research project

We have started recruiting for a new project on ACCEPTability of Elderly PaTients' self-assessment in the Emergency Department (ACCEPTED) at the Hôpital de l'Enfant-Jésus. This project was funded by the Fondation du CHU de Québec Université Laval. A total of 66 patients will be recruited in this new study.

Des prix pour nos étudiants

Valérie Boucher, étudiante à la maîtrise en sciences cliniques et biomédicales:

- **Prix d'excellence pour la communication scientifique** – Journées de la recherche en santé, 23-24 avril 2018, Université Laval. Présentation : Underreport of incident delirium in elderly patients treated in the emergency department

- **Meilleure communication par affiche (protocole)** – 5^e Journée de l'Axe Santé des Populations et Pratiques Optimales en Santé, 8 juin 2018, Université Laval. Présentation : ACCEPTability of Elderly PaTients' self-assessment in the Emergency Department – ACCEPTED study Protocol

Nicolas Fournier, étudiant en médecine (3e année):

- **Meilleure communication par affiche (résultats de recherche)** – 5^e Journée de l'Axe Santé des Populations et Pratiques Optimales en Santé, 8 juin 2018, Université Laval. Présentation : Validity of the “Canadian CT head rule” age criterion for mild traumatic brain injury: a retrospective study

Prices for students

Valérie Boucher, Biomedical and clinical sciences Masters' student:

- **Scientific presentation award** – Journées de la recherche en santé, 23-24 avril 2018, Université Laval. Presentation : Underreport of incident delirium in elderly patients treated in the emergency department

- **Scientific presentation award (protocol presentation)** – 5^e Journée de l'Axe Santé des Populations et Pratiques Optimales en Santé, 8 juin 2018, Université Laval. Presentation : ACCEPTability of Elderly PaTients' self-assessment in the Emergency Department – ACCEPTED study Protocol

Nicolas Fournier, 3rd year medical student:

- **Scientific presentation award** – 5^e Journée de l'Axe Santé des Populations et Pratiques Optimales en Santé, 8 juin 2018, Université Laval. Presentation : Validity of the “Canadian CT head rule” age criterion for mild traumatic brain injury: a retrospective study

CAEP18

26-30/05/2018

Calgary, Alberta

Affiches/Poster presentations:

Potential benefits of incentive spirometry following a rib fracture: a propensity-score analysis. BL. Batomen Kuimi, A. Lague, V. Boucher, C. Guimont, JM. Chauny, JF. Shields, L. Vanier, M. Plourde, M. Émond.

Incidence of emergency department induced delirium: a Canadian longitudinal study. M. Émond, MD, A. Nadeau, V. Boucher, P. Voyer, M. Pelletier, É. Gouin, R. Daoust, S. Berthelot, ME. Lamontagne, M. Morin, S. Lemire, TT. Minh Vu, N. Le Sage, J. Lee.

Impact of post-intubation hypotension on mortality of patients in the Emergency Department (ED). M. Émond, J. Turgeon, JF. Shields, A. Nadeau.

Validity of the “Canadian CT head rule” age criterion for mild traumatic brain injury: a retrospective study. N. Fournier, C. Gariepy, JF. Prévost, V. Belhumeur, É. Fortier, N. Lesage, MD, M. Émond.

Sous documentation du délirium chez les patients âgés au département d'urgence/ Underreport of incident delirium in elderly patients treated in the Emergency Department - Results from the INDEED study. V. Boucher, ME. Lamontagne, A. Nadeau, PH. Carmichael, P. Voyer, M. Pelletier, É. Gouin, R. Daoust, S. Berthelot, M. Morin, S. Lemire, TT. Minh Vu, J. Lee, M. Émond.

Orales/Oral presentations:

In the Emergency Department, are serum biomarkers useful to screen independent frail seniors exposed to future functional decline or mobility impairments after a minor injury? M. Blouin, MJ. Sirois, M. Aubertin-Leheudre, LE. Griffith, L. Nadeau, R. Daoust, J. Lee, M. Émond.

Incidence of delayed intracranial hemorrhage following a mild TBI in patients taking anticoagulants or anti-platelets therapies: Systematic review and meta-analysis. A. Laguë, T. O'Brien, B. Mitra, M. Emond, N. Le Sage, M. D'Astous, E. Mercier.

Relationship between pain, opioid treatment and delirium in emergency department elderly patients. R. Daoust, J. Paquet, J. Lee, E. Gouin, P. Voyer, M. Pelletier, A. Nadeau, V. Boucher, M. Émond.