

Research Highlights : Division of Palliative Care  
Medicine

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# Conceptual frameworks for the definition, classification and clinical assessment of symptoms of advanced cancer

## The Edmonton Classification System for Cancer Pain

**Fainsinger RL et al.** An international multicentre validation study of a pain classification system for cancer patients. *Eur J Cancer.* 2010;46(16):2896-904.

## Definition and classification of cancer cachexia: an international consensus.

Fearon K, **Baracos VE et al.** *Lancet Oncol.* 2011;12(5):489-95



# Prognostication

## Advanced cancer

Palliative Care program Tarumi Y et al JPSM 2011, Baracos et al J Clin Oncol 2010, Hospitalized palliative patients in tertiary care hospital (Thai et al. JPSM 2012; Medical Oncology Baracos et al. J Clin Oncol 2013

## Expanding the concepts to:

### Renal Disease

Davison S, Development & Evaluation of State of the Art Prognostication in a Novel Palliative Care Program for Patients with Advanced Chronic Kidney Disease in Canada. CIHR \$ (05/2013 – 04/2016)

### Liver Disease

Montano Loza et al J Clin Gastroenterol Hepatol 2012

# Randomized Clinical Trials

## Constipation

**Tarumi Y**, et al. (2012). Randomized, double-blind, placebo-controlled trial of oral docusate in the management of constipation in hospice patients. *J Pain Symptom Manage*. 2013;45(1): 2-13.

## Dysguesia/dysosmia

**Brisbois TD** et al.,  $\Delta$ -9-tetrahydrocannabinol may palliate altered chemosensory perception in cancer patients: results of a randomized, double-blind, placebo-controlled pilot trial. *Ann Oncol*. 2011: 22(9):2086-93

# Evolving therapeutic relationship with patients

## Face to face

***Nekolaichuk C***, et al. (2013). Cancer patients' experiences of the early phase of individual counseling in an outpatient psycho-oncology setting. *Qualitative Health Research*, 23: 592-604.

## Rural / remote via telehealth

***Watanabe SM***, et al. Improving access to specialist multidisciplinary palliative care consultation for rural cancer patients by videoconferencing. *Support Care Cancer* 2013;21(4):1201-7



# Health Services and Health Economics

Recommendations to provinces for oncology drug use

Pan-Canadian Oncology Drug Review Economic Guidance Reports, 2012, **Fassbender K.**

Bendamustine (Treanda) for Non-Hodgkin's Lymphoma.

Ipilimumab (Yervoy) for Advanced Melanoma.

Surveillance Frameworks

**Fassbender K**, et al. Conceptual Model, Minimum Dataset and Performance Indicators. A Report for the HPEOL International Scientific Advisory and Steering Committees. Canadian Partnership Against Cancer. 2012.

# Molecular and Cellular Palliative Care

## Genetic predisposition for cancer symptoms

Fearon KC, **Baracos V**, **Damaraju S** et al; P-selectin genotype is associated with the development of cancer cachexia. *EMBO Mol Med.* 2012; 4(6):462-71

Damaraju S, Baracos VE CIHR \$ 2013-2016 Cancer Cachexia: Phenotype Definition, Markers for Genetic Predisposition and Prognosis

## Cachexia neurobiology

Marks DL, **Baracos VE**, Colmers WF et al. Central Nervous System Inflammation Induces Atrophy via Activation of the Hypothalamic-Pituitary-Adrenal Axis. *Journal of Experimental Medicine.* 2011 208(12):2449-63

