



## Cost-saving of home-based palliative care for end stage cancer patients

**Parnian Kubor**

*Isfahan University of Medical Science, Iran*

### Abstract:

Background: Cancer prevalence and the increase in its medical care service costs especially in the end stage of the disease, and the necessity of optimal allocation of scarce healthcare resources altogether have resulted to much more attention about the development and practicing of low-cost treatments.

Methods: This retrospective study was conducted on patients with end-stage cancer who had died in the period between 2015-2017. The cost data of last 6 months until death event was analyzed. 94 patients with cancer who had received home-based palliative care were matched with 113 patients who had not received those services.

Findings: Among patients receiving home-based palliative care, total cost per patient paying by the health insurer was significantly less than that of counterpart for about 74,397,633 IRR. The most significant decrease in categories of costs related to the cost of patient hospitalization.

Conclusion: The results suggest home-based palliative care as a low-cost alternative for end-of-life cares in patients with cancer. Home-based palliative care is likely lead to cost saving for end-of-life cares provided during final six month before death.

Keywords: Cost analysis, Palliative care, Home care services, End of life care, Neoplasm



### Biography

Parnian kubor is a researcher. She holds a BSc in Business Economic and currently passed a Master of health economic in Isfahan university of medical sciences and her dissertation was about: "Cost-Effectiveness Analysis of Home -Based Palliative Care for End-stage Cancer Patients". She has presented an abstract on that dissertation as a poster on ISPOR Europe 2019 conference for health economics and outcomes research.

### Publications:

- Heydari H, Shamsavari H, Hazini A, Nasrabadi AN. Exploring the Barriers of Home Care Services in Iran: A Qualitative Study. Scientifica (Cairo) 2016; 2056470.
- McCaffrey N, Agar M, Harlum J, Karnon J, Currow D, Eckermann S. Is home-based palliative care cost-effective? An economic evaluation of the Palliative Care Extended Packages at Home (PEACH) pilot. BMJ Support Palliat Care 2013; 3(4): 431-5
- HomeHealthCareAgencies. Does Insurance Cover Home Care Insurance and Home Health Care Services. available from: <https://www.homehealthcareagencies.com/resources/does-insurance-cover-home-care/>

Webinar on Healthcare - Health Economics and Policy, October 28, 2020, London, UK

**Citation:** Parnian Kubor, Cost-saving of home-based palliative care for end stage cancer patients, Health Economics 2020; October 28, 2020; London, UK