

Cancer survival in sites in Viet Nam

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Background

Very few population-based cancer survival studies have been performed in Viet Nam. The aim of the present study was to estimate observed and relative cancer survival rates in populations of Phu Tho, Hanoi and Hue city.

Methods

A retrospective-cohort study has been performed for the present study at all 12 districts of Phu Tho province (Semi-highland areas in the North), eight districts of the Hanoi city (Capital of Viet Nam in the North) and four districts of the Hue city in Central areas of Viet Nam). Seven indicators were collected for each case of cancer death included name, age, sex, date of the first diagnosis having cancer, date of death, the cause of death and full address. Two steps were done, firstly, we collected five indicators included name, age, sex, date of death, the cause of death and full address; secondly, we collected date of the first diagnosis having cancer by a household visit by a trained interviewers. Survival time was calculated in day by the form of the date of death minus the date of diagnosis having cancer for each case of cancer. Observed survival rates for 1-year, 2-year, 3-year, 4-year and 5-year were estimated by the form of survive number multiple with 100 then devise to the registered number of cancer cases. For relative survival rate, the observed survival rate devise to the general population survival rate.

Results

Males and females combined, for all cancer sites, 1-year, 2-year, 3-year, 4-year and 5-year observed and relative survival rate were 23.8%-23.9%, 8.5%-8.5%, 3.8%-3.8%, 2.6%-2.6%, 1.7%-1.7%, respectively. The highest one-year relative cancer survival rate was seen at capital of the Hanoi city: 49,8%, followed by rate at Hue city at central area: 24,7%, and lowest was seen at Phu Tho – North-Semi-highland: 21.8%.

Discussions

A better one-year cancer survival in Hanoi - Capital than that in Phu Tho province - North-Semi-highland promoted us in thinking seriously about how to improvement of cancer patient life and enhancing cancer prevention in Viet Nam and worldwide.