Head and Neck Cancer Trends in Semarang:
An analysis of ASR and ASCR

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An analysis of ASR and ASCR

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1. This scientific research article is based on my genuine idea, formula and research, without any help from other parties, except supervisor and known parties.
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3. In this scientific research article there was no other people’s work or opinion, which have been used and published, unless there are clear acknowledgement of the original author names, and the original paper titles are included in the references.

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PREFACE

Thank God, all praises to Allah for the blessing and His grace so I could finish these research. This research was done in order to fulfill one of the requirements to achieve the Bachelor of Medicine Degree from Faculty of Medicine Diponegoro University. I realized that this research wouldn’t be done so easy without help and guidance from several parties. So, from this writing, I would like to thank you and give my highest appreciation to:

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</tr>
<tr>
<td>ASCAR</td>
<td>Age Standardized Cancer Ratio</td>
</tr>
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<td>HNC</td>
<td>Head and Neck Cancer</td>
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<tr>
<td>HPV</td>
<td>Human Papilloma Virus</td>
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Head and Neck Cancer Trends in Semarang: An analysis of ASR and ASCR
Mazaya Luthfia Hidanti¹, Awal Prasetyo²

ABSTRACT

Background: The sustainable incidence data of Head and Neck Cancer is poorly described in Indonesia. There was no large-scale epidemiological study of head and neck cancer in Indonesia, especially in Semarang and surrounding areas. Whereas, by knowing the distribution of sex and age in the incidence data could indicate changes in patterns of cancer that occur every year.

Aim: This research aim to determine the distribution of head and neck cancer based on anatomic site, age and sex by counting the Age Standardization Rates (ASR) and Age Standardization Cancer Ratio (ASCR) score

Methods: This research was a retrospective observational descriptive study using the medical records of Head and Neck Cancer Patients from Anatomical Pathology Laboratory of Kariadi Central Hospital / Medical Faculty Diponegoro University and Waspada Laboratory in 2010-2014. Collected data were tabulated manually using Microsoft Excel and analyzed and presented descriptively in table or graphic form.

Result: The incidences of head and neck cancer were varies every year. The nasopharyngeal cancer seems to be the most common head and neck cancer diagnosed during 2010-2014. ASCR and ASR in male and female were different in certain head and neck cancer cases. Generally, ASR in male was higher than in females.

Conclusion: The trends of head and neck cancer mostly in men. Based on age it distributed mostly in age group 40-44. Nasopharyngeal cancer is the most cases diagnosed in this period in both male and female and followed with the neoplasm of nasal cavity and middle ear. Age Standardization used in this research allows this research’s result to be compared with the result in another population which used the same method.

Keywords Head and Neck Cancer, ASR, ASCR

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Head and Neck Cancer Trends in Semarang:
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ABSTRAK


Kata kunci Kanker Kepala dan Leher, ASR, ASCR
1. Mahasiswa Pendidikan Dokter Fakultas Kedokteran Universitas Diponegoro
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