

8th International Conference on

Otorhinolaryngology

October 16-17, 2018 Rome, Italy

The profiles of the IgA (VCA-p18+EBNA1) and the viral load of DNA EBV as a risk factor in the relatives of the nasopharynx cancer patient with positive EBV in Indonesia

Nova Audrey Luetta Pieter
Hasanuddin University, Indonesia

This research aimed to obtain the profile levels of IgA (VCA-p18+EBNA1) and the Viral Load (VL) in the relatives of the NPC patients with a positive EBV. The research design was a cross-sectional design which was analytically observational. The total samples comprised 50 relatives of the NPC patients who had been chosen using the consecutive sampling technique and had been treated in Dr. Wahidin Sudirohusodo Hospital. The univariate and bivariate analyses, as well as the 't test' were used to measure and to find out the correlation between the level of IgA (VCA-p18+EBNA1) and the VL. The research results indicated that 28% of the NPC patients were female with the average age of 31.12 ± 11.91 years. Meanwhile, 68% of the NPC patients were the siblings of the NPC patients and 58% were of the Bugis origins. For the distribution of the NPC risks, the samples were categorized into three groups: The NPC high risk group, the NPC intermediate risk group and the NPC low risk group. The NPC intermediate risk group was the largest in number (50%). The result also revealed that the correlation between the level of the IgA (VCA-p18+EBNA1) and the level of VL was very significant ($p=0.337$). About 16% of the NPC high risk group was still normal though they had to be cautious. Statistically, the Pearson's correlation analysis revealed a correlation but not significant.

Biography

Nova Audrey Luetta Pieter is an Otorhinolaryngology specialist. She is also focusing work in head and neck oncology at Department of Otorhinolaryngology, Hasanuddin University, Indonesia.

novapieter@yahoo.com

Notes: