

Hematologic markers predict nasopharyngeal cancer survival

September 22 2015



(HealthDay)—Pretreatment neutrophil-lymphocyte ratio (NLR) and platelet-lymphocyte ratio (PLR) may be predictors for survival in nasopharyngeal carcinoma, according to a study published online Sept. 11 in *Head & Neck*.

Wei Sun, M.D., from the Huazhong University of Science and Technology in Wuhan, China, and colleagues evaluated the prognostic significance of various hematologic parameters in 251 patients with [nasopharyngeal carcinoma](#).

The researchers found that $\text{NLR} \geq 2.7$ (hazard ratio, 2.01; $P = 0.005$) and $\text{PLR} \geq 167.2$ (hazard ratio, 2.12; $P = 0.001$) were significantly associated with shorter progression-free survival, while $\text{PLR} \geq 163.4$ was correlated

with poor overall survival (hazard ratio, 2.64; P = 0.011).

"Pretreatment NLR and PLR can be independent prognostic factors for patients with NPC," the authors write.

More information: [Abstract](#)
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Citation: Hematologic markers predict nasopharyngeal cancer survival (2015, September 22)
retrieved 6 May 2024 from
<https://medicalxpress.com/news/2015-09-hematologic-markers-nasopharyngeal-cancer-survival.html>

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