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**Name of Journal:** *World Journal of Gastroenterology***Manuscript NO:** 54827**Manuscript Type:** ORIGINAL ARTICLE*Retrospective Study*

**Monocyte-to-lymphocyte ratio as a prognostic factor in peripheral whole blood samples of colorectal cancer patients**

Katarzyna Jakubowska, Mariusz Koda, Małgorzata Grudzińska, Luiza Kańczuga-Koda, Waldemar Famulski

**Abstract****BACKGROUND**

Colorectal cancer is the third most common malignancy worldwide. Therefore, it is critically important to search for new useful markers that can be easily obtained in routine practice. Inflammation is a crucial issue in the

**Match Overview**

1	<b>Crossref</b> 225 words M Grudzińska, Katarzyna Jakubowska, M Koda, L Koda, W Kisiielewski, N Smereczński, N Rogoz-Jezińska, W Famu	4%
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## Prognostic significance of lymphocyte-to-monocyte ratio ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6731523>

Sep 02, 2019 · Of the 204 HCC **patients**, the median pretreatment **peripheral blood** monocyte count, lymphocyte ... in tumor infiltration is often related to the improved **prognosis** of **cancer patients** and has been used for targeted **cancer** therapy.37 ... et al. Role of monocyte-**to**-lymphocyte **ratio** in predicting sorafenib response in **patients** with advanced ...

## Peripheral blood lymphocyte-to-monocyte ratio as a ...

[www.jcancer.org/v08p0737.htm](http://www.jcancer.org/v08p0737.htm) ▾

Lymphocyte-to-monocyte **ratio** (LMR) has been shown to be a **prognostic factor** for **patients** with hepatocellular carcinoma and endometrial **cancer** [14, 15]. Recently, one study showed that LMR predicts the survival and aggressiveness of malignancy of ovarian **cancer patients** who underwent primary debulking surgery [ 16 ].

**Cited by:** 8**Author:** Jia-yu Zhu, Cheng-cheng Liu, Liang Wan...**Publish Year:** 2017

## Prognostic impact of preoperative lymphocyte-to-monocyte ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6141447>

**Prognostic** impact of preoperative lymphocyte-to-monocyte **ratio** in **patients** with **colorectal cancer** with special reference to myeloid-derived suppressor cells ... LMR was an independent **prognostic factor** of RFS in **colorectal cancer patients** (hazard **ratio**: 7.757, 95% confidence ... **Blood samples** were collected from 48 **patients** before starting ...

**Cited by:** 3**Author:** Tatsuo Shimura, Masahiko Shibata, Kenji...**Publish Year:** 2018



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### Prognostic significance of lymphocyte-to-monocyte ratio ... 翻译此页

Cited by: 4 Author: Yanjun Shen, Huige Wang, Xiangmei Che...  
Publish Year: 2019 位置: 8600 Rockville Pike, Bethesda, MD  
2019-9-2 · Prognostic significance of lymphocyte-to-monocyte ratio and platelet-to-lymphocyte ratio in patients with hepatocellular carcinoma undergoing transcatheter arterial chemoembolization and radiofrequency ablation ... the median pretreatment peripheral blood monocyte count, lymphocyte count, LMR, platelet count, and PLR ... A complex malignant ...  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6731523>

### Significance of neutrophil-to-lymphocyte ratio, ... 翻译此页

Cited by: 4 Author: Li-jian Xia, Wen Li, Jian-cheng Zhai, Chua...  
Publish Year: 2020 位置: 8600 Rockville Pike, Bethesda, MD  
2020-3-12 · Background. Inflammation-related parameters have been revealed to have prognostic value in multiple cancers. However, the significance of some inflammation-related parameters, including the peripheral blood neutrophil-to-lymphocyte ratio (NLR), platelet-to-lymphocyte ratio (PLR), lymphocyte-to-monocyte ratio (LMR) and prognostic nutritional index (PNI), remains controversial in T1–2 rectal ...  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7066735>

### The MIMIC Study: Prognostic Role and Cutoff ... 翻译此页

Author: Debora Basile, Silvio Ken Garattini, Ca... Publish Year: 2020  
Therefore, changes in peripheral blood cells composition may reflect TME polarization and its role in lymphocyte-to-monocyte ratio (LMR)





Monocyte-to-lymphocyte ratio as a prognostic factor in peripheral



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### [Peripheral blood lymphocyte-to-monocyte ratio as a ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5381161>

Elevated monocyte count has been demonstrated to predict poor **prognosis** in mantle cell lymphoma, **colorectal cancer** and lung adenocarcinoma 11-13. Lymphocyte-to-monocyte **ratio** (LMR) has been shown to be a **prognostic factor** for **patients** with hepatocellular carcinoma and endometrial **cancer** ...

**Cited by:** 10

**Author:** Jia-yu Zhu, Cheng-cheng Liu, Liang Wan...

**Publish Year:** 2017

### [Prognostic significance of lymphocyte-to-monocyte ratio ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6731523>

Sep 02, 2019 · Of the 204 HCC patients, the **median pretreatment peripheral blood monocyte count**, **lymphocyte count**, **LMR**, **platelet count**, and **PLR** were  $1.12 \times 10^9 / L$  (0.20–5.12),  $0.40 \times 10^9 / L$  (0.10–2.01), 2.77 (0.58–5.06),  $96.45 \times 10^9 / L$  ([22.0–483.90](#)), and 83.5 ([20.4–515.30](#)), respectively (Table 1). The median TACE period was 3 (range 1–10).

**Cited by:** 4

**Author:** Yanjun Shen, Huige Wang, Xiangmei Che...

**Publish Year:** 2019

### [An Elevated Peripheral Blood Monocyte-to-Lymphocyte Ratio ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4423962>

In this study, we retrospectively reviewed the data from 74 consecutive patients with pulmonary LELC and investigated the prognostic value of pretreatment monocyte-to-lymphocyte ratio (MLR). The cut-off value determined by ROC curve for MLR was 0.262. According to this cut-off value, **36 (48.6%)** patients had lower MLR value ( $<0.262$ ) at diagnosis.

**Cited by:** 7

**Author:** Liang Wang, Wen Long, Peng-fei Li, Yon...

**Publish Year:** 2015

### [Association of lymphocyte to monocyte ratio with severity ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6221743>

[26] Hu P, Shen H, Wang G, et al. **Prognostic** significance of systemic inflammation-based lymphocyte-monocyte **ratio** in **patients** with lung **cancer**: based on a large cohort study. PLoS One 2014; 9 ...