Cite this as: Xiaoyan YUE, Linlin HUANG, Yang YANG, Yi ZHAO, Donghua HE, Xiaoyan HAN, Gaofeng ZHENG, Yi LI, Enfan ZHANG, Zhen CAI, Xin HUANG, Jingsong HE. High levels of serum IL-10 indicate disease progression, extramedullary involvement, and poor prognosis in multiple myeloma[J]. Journal of Zhejiang University Science B, 2022, 23(11): 968-974. https://doi.org/10.1631/jzus.B2200277

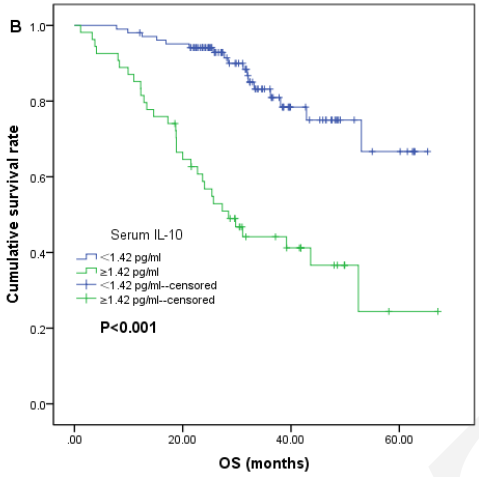
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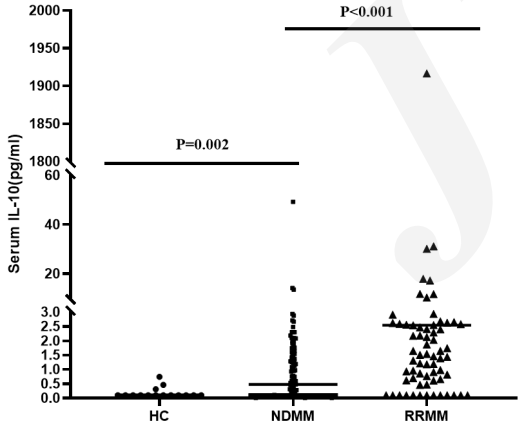
Key words: Multiple myeloma, Interleukin-10, Extramedullary multiple myeloma, PFS, OS

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Research Summary

This retrospective mainly focused on the prognostic value of serum cytokines levels for newly diagnosed multiple myeloma(NDMM) patients, and summarized the key roles they played in the following aspects:





- **High levels of serum IL-10 are associated with adverse clinical characteristic;**
- **High levels of serum IL-10 had worse PFS and OS;**
- **NDMM patients had significantly higher serum IL-10 concentrations than healthy volunteers, but lower than those in RRMM patients.**

Innovation points

- **Introduction** **of the relationship between serum cytokines and newly diagnosed multiple myeloma;**

- **Summary** **of the relationship between serum IL-10 and the clinical characteristics and prognosis of newly diagnosed MM patients;**

- **Emphasis** **of NDMM and RRMM patients had significantly higher serum IL-10 concentrations than healthy volunteers.**

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