

Oligosecretory Waldenstrom macroglobulinemia exhibits excellent treatment response and outcomes

Wenjie Xiong,^{1,2*} Ying Yu,^{1,2*} Chunyan Sun,^{3*} Juan Du,^{4*} Zhen Cai,^{5*} Zanzan Wang,⁶ Xinxin Cao,⁷ Yuting Yan,^{1,2} Jiawen Chen,^{1,2} Yanshan Huang,^{1,2} Zhongxing Jiang,⁸ Huihan Wang,⁹ Ting Niu,¹⁰ Guangzhong Yang,¹¹ Hua Xue,¹² Bingzong Li,¹³ Honghui Huang,¹⁴ Zhenling Li,¹⁵ Qinhuo Liu,¹⁶ Fei Li,¹⁷ Ou Bai,¹⁸ Min Mao,¹⁹ Rong Fu,²⁰ Ling Wang,²¹ Chunrui Li,³ Xiaoxia Chu,²² Lihong Liu,²³ Yujun Dong,²⁴ Luqun Wang,²⁵ Jun Luo,²⁶ Yongqiang Wei,²⁷ Rui Cui,²⁸ Lugui Qiu,^{1,2} Jian Li⁷ and Shuhua Yi,^{1,2} on behalf of the Chinese Workshop on Waldenström Macroglobulinemia (CWWM)

¹State Key Laboratory of Experimental Hematology, National Clinical Research Center for Blood Diseases, Haihe Laboratory of Cell Ecosystem, Institute of Hematology Blood Diseases Hospital, Chinese Academy of Medical Sciences Peking Union Medical College, Tianjin; ²Tianjin Institutes of Health Science, Tianjin; ³Institute of Hematology, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Hubei; ⁴Department of Hematology, The Myeloma and Lymphoma Center, Shanghai Changzheng Hospital, Naval Medical University, Shanghai; ⁵Bone Marrow Transplantation Center, The First Affiliated Hospital, School of Medicine, Zhejiang University, Hangzhou; ⁶Department of Hematology, Ningbo First Hospital, Zhejiang; ⁷Department of Hematology, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences Peking Union Medical College, Beijing; ⁸The First Affiliated Hospital of Zhengzhou University, Henan; ⁹Shengjing Hospital of China Medical University, Liaoning; ¹⁰West China Hospital Sichuan University, Chengdu, Sichuan; ¹¹Department of Hematology, Beijing Chao-Yang Hospital, Capital Medical University, Beijing; ¹²Affiliated Hospital of Hebei University, Hebei; ¹³Department of Hematology, The Second Affiliated Hospital of Soochow University, Suzhou, Jiangsu; ¹⁴Department of Hematology, Renji Hospital, Shanghai Jiaotong University School of Medicine,

Shanghai; ¹⁵Department of Hematology, China-Japan Friendship Hospital, Beijing; ¹⁶Department of Hematology, The First Affiliated Hospital of Anhui Medical University, Anhui; ¹⁷The First Affiliated Hospital of Nanchang University, Jiangxi; ¹⁸Department of Hematology, The First Hospital of Jilin University, Jilin; ¹⁹Department of Hematology, Xinjiang Uiger Municipal People's Hospital, Xinjiang; ²⁰Department of Hematology, Tianjin Medical University General Hospital, Tianjin; ²¹Qingdao Central Hospital, Shandong; ²²The Affiliated Yantai Yuhuangding Hospital of Qingdao University, Shandong; ²³Department of Hematology, The Fourth Hospital of Hebei Medical University, Hebei; ²⁴Department of Hematology, Peking University First Hospital, Beijing; ²⁵Department of Hematology, Qilu Hospital of Shandong University, Shandong; ²⁶Department of Hematology, The First Affiliated Hospital of Guangxi Medical University, Guangxi; ²⁷Department of Hematology, Nanfang Hospital, Southern Medical University, Guangdong and ²⁸Department of Hematology, Tianjin First Center Hospital, Tianjin, China
**WX, YYu, CS, JD and Zc contributed equally as first authors.*

Correspondence:

S. YI - yishuhua@ihcams.ac.cn

J. LI - lijian@pumch.cn

<https://doi.org/10.3324/haematol.2023.283402>

Received: April 27, 2023.

Accepted: September 1, 2023.

Early view: September 14, 2023.

©2024 Ferrata Storti Foundation

Published under a CC BY-NC license 

Supplementary Table 1 Treatment regimens of newly diagnosed WM with measurable disease and oligosecretory WM

| Regimens | Oligosecretory WM (N=45) | Measurable WM (N=682) | P |
|---------------------------|-----------------------------|--------------------------|-------|
| New drug regimens—no. (%) | 29 (64.4) | 409 (60.0) | 0.568 |
| R-based, n (%) | 22 (48.9) | 252 (37.0) | 0.109 |
| B-based, n (%) | 3 (6.7) | 111 (16.3) | 0.086 |
| BTK inhibitor, n (%) | 4 (8.9) | 46 (6.7) | 0.582 |
| Cytotoxic drug, n (%) | 16 (35.6) | 273 (40.0) | 0.568 |

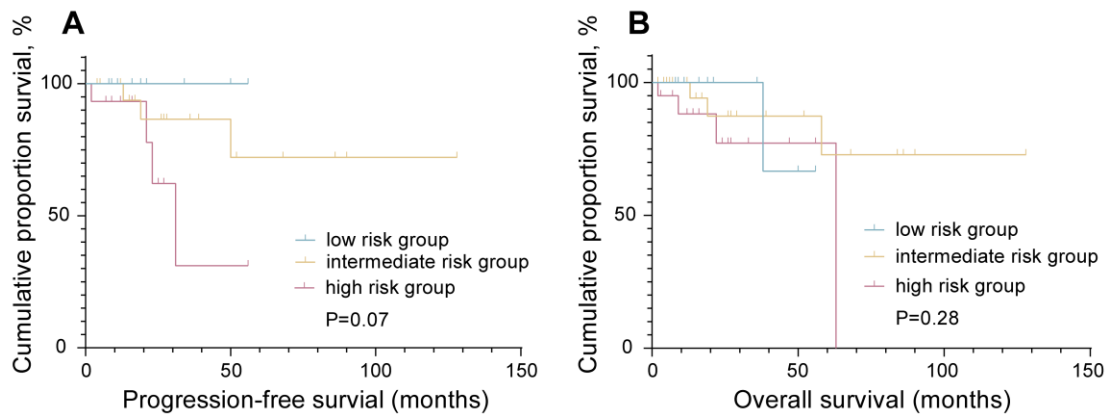
R, rituximab; B, bortezomib

Supplemental Figures:

Supplemental Figure 1: Kaplan-Meier curves for PFS and OS of oligosecretory WM patients according to IPSSWM. (A) The PFS of oligosecretory WM patients, (B) The OS of oligosecretory WM patients.

Supplemental Figure 2: Kaplan-Meier curves for PFS of oligosecretory WM patients with IgM levels higher than 10 g/L and lower than or equal to 10 g/L.

Supplemental Figure 1



Supplemental Figure 2

