



Plasma cell dyscrasias in HIV-infected patients: a single-center case series

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INTRODUCTION

- Human immunodeficiency virus (HIV) infection is associated with an increased risk of aggressive B-cell lymphomas and plasma cell dyscrasias.
- Plasmablastic lymphoma (PBL) is a rare, highly aggressive lymphoma frequently occurring in HIV-positive patients and may pose diagnostic challenges due to overlap with plasma cell neoplasms.

AIMS AND METHODS

- ❖ **Aim:** Describe clinical presentation, diagnostic features, management, and outcomes of plasma cell-related disorders in HIV-infected patients.
- ❖ **Study design:** Retrospective case series.
- ❖ **Population:** 3 patients with plasma cell dyscrasias at Hematology and Infectious Diseases Department, CHU Farhat Hached, Sousse, Tunisia.
- ❖ **Data:** Clinical, biological, histopathological, and therapeutic information were reviewed.

RESULTS

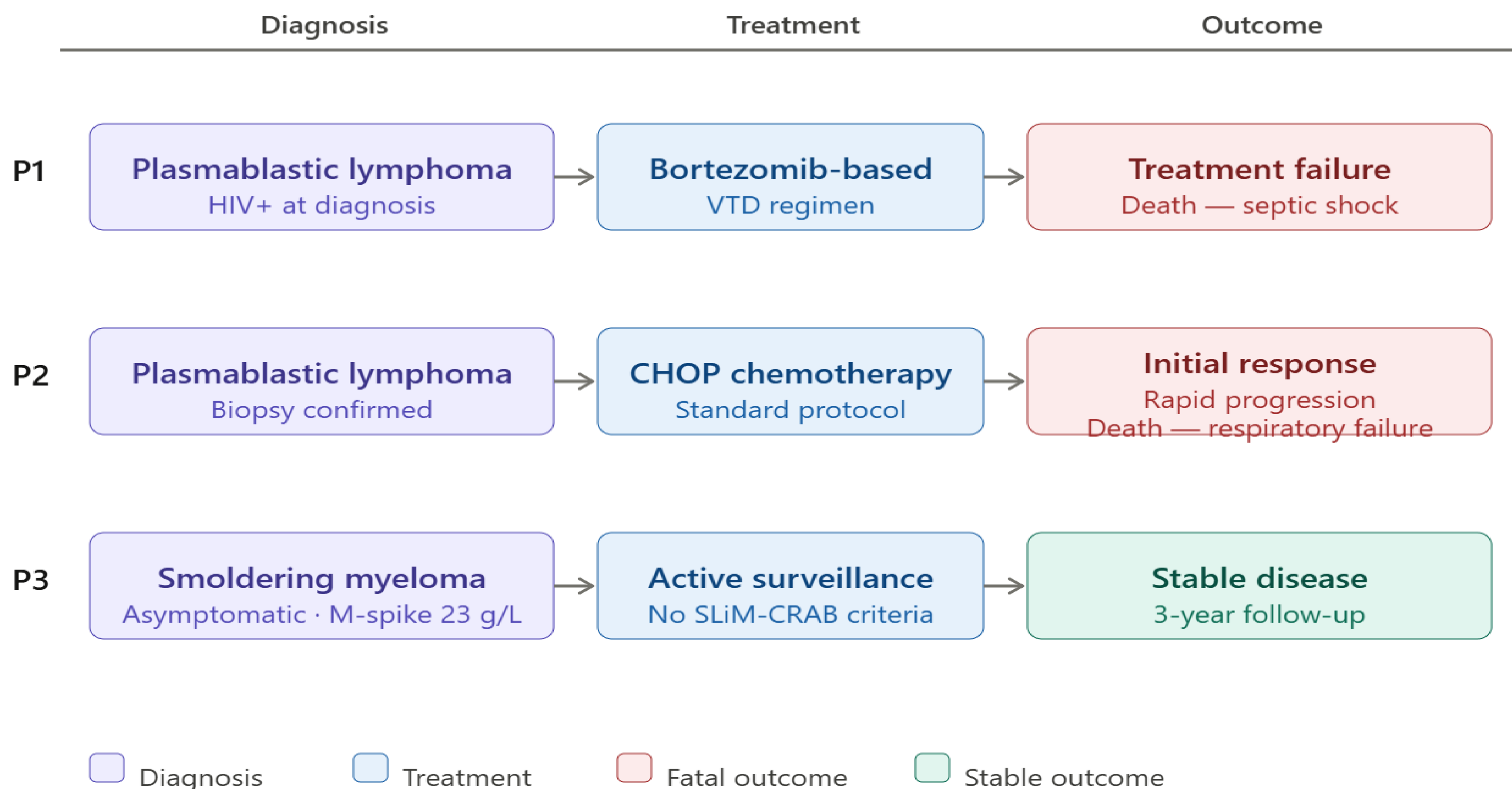


Table: Clinical features and outcomes of plasma cell-related disorders in HIV-infected patients (n=3)

CONCLUSION

- ✓ This case series highlights the heterogeneous spectrum of plasma cell disorders in HIV-infected patients, ranging from indolent smoldering multiple myeloma to highly aggressive plasmablastic lymphoma.
- ✓ HIV screening should be considered in atypical plasma cell disorders,
- ✓ Early recognition and appropriate diagnostic evaluation are essential for optimal management.

REFERENCES

1. **D'Souza A, et al.** Plasma cell disorders in HIV-infected patients. 2013.
2. **Pandey R, et al.** Plasma cell disorders in HIV infected patients: a case series. 2017.
3. **Castillo JJ, et al.** Plasmablastic lymphoma: current knowledge and future directions. *Front Immunol* 2024.
4. **Vasconcelos DM, et al.** Plasma cell dyscrasias in HIV, epidemiology, presentation and management. 2018.