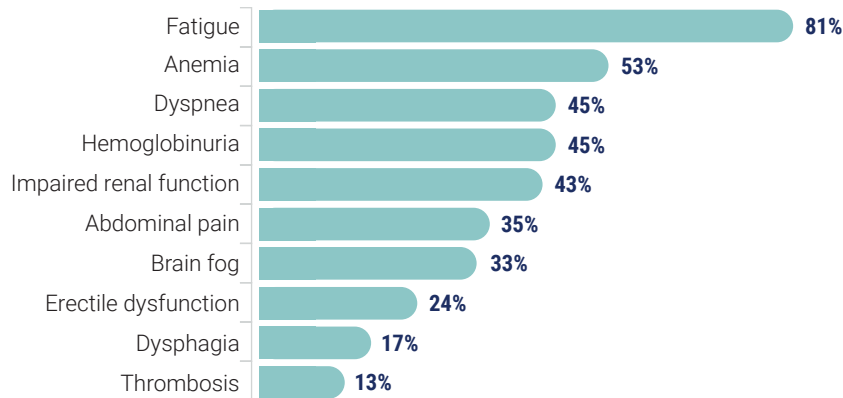


Recognizing PNH: The Importance of a Timely Diagnosis and Effective Management

Variability of PNH symptoms and patient presentation can contribute to diagnostic delays^{1,2}

Common signs and symptoms of PNH include³⁻⁵:



Lab parameter	In PNH
Absolute reticulocyte count (ARC)	↑
Haptoglobin	↓
Hemoglobin	↓
Lactate dehydrogenase (LDH)	↑
Total bilirubin	↑

An accurate **PNH diagnosis** may take an **average of 2 years**⁶

- In one study, which surveyed 163 patients with PNH^{2,7}

<40%

of patients were **diagnosed within 12 months** of symptom onset

~38%

of patients saw **≥5 HCPs** prior to diagnosis

24%

of patients were **diagnosed after >5 years**

Biomarker testing is a fundamental component of the diagnostic workup for hematologic diseases^{1,8-10}

- PNH, AA, and MDS share similar symptoms but have distinct prognoses and treatment options^{1,8,9}
- Because PNH can coexist with other BMF diseases, accurate diagnosis is crucial—**flow cytometry is the only test that can differentiate PNH**^{1,8-10}



If your patient has relevant symptoms or abnormal lab values, consider PNH in the differential diagnosis and confirm with high-sensitivity flow cytometry with FLAER for timely and accurate detection^{3-5,11,12}

Timely and accurate diagnoses are crucial in making appropriate treatment decisions for patients with PNH^{1,8-10,13,14}

PULSE CHECK

Signs and symptoms

- ☐ Are any of your patients presenting with common signs or symptoms of PNH?

Diagnosis

- ☐ Have you considered checking your patients for PNH with high-sensitivity flow cytometry?

Monitoring and treatment

- ☐ Are any of your patients experiencing continued symptoms?

Understanding the Needs for Early Intervention and Patient Monitoring/Management

Treatment is critical for PNH—initiating appropriate PNH-specific therapy promptly may improve prognosis^{1,14}

- If left untreated, PNH can be fatal, with ~35% of patients dying within 5 years and a median survival of 10 to 15 years¹⁵

Without appropriate treatment, hemolysis in PNH can lead to **anemia associated with fatigue, iron deficiency, thrombosis, and end-organ damage**, including chronic kidney disease and pulmonary hypertension¹⁶



Thrombotic events

affect 13% to 44% of patients and cause 40% to 67% of deaths^{3,16}



Chronic kidney disease

causes 8% to 18% of deaths and is the second leading cause of death in untreated PNH¹⁶



Pulmonary hypertension

affects ~50% of patients¹⁵



- Larger clone sizes increase symptom burden and thrombotic risk¹⁷
- Monitoring of PNH clones by high-sensitivity flow cytometry can identify increases in clone size^{5,11,12}
- Routine monitoring of clone size and clinical status is essential to detect potential progression^{11,12}



PNH clone size may be analyzed every 6 months, based on patients' clinical profiles, for the first 2 years and then once a year thereafter if the disease is being treated and is stable^{5,18}

PULSE CHECK

For your patients who are...

newly diagnosed

or

diagnosed but treatment naive

or

on therapy

...how are you monitoring their PNH?

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