

Consensus or Controversy? Documenting and Discussing Investigators' Approaches to the Management of Myelofibrosis

*A CME/MOC-Accredited Virtual Event Held
Adjunct with the 2026 ASCO® Annual Meeting*

Tuesday, June 2, 2026

5:00 PM – 6:00 PM ET

Faculty

**Professor Claire Harrison
Raajit K Rampal, MD, PhD**

Moderator

Neil Love, MD

Faculty



Professor Claire Harrison

Professor of Myeloproliferative Neoplasms
Guy's and St Thomas' NHS Foundation Trust
London, United Kingdom



MODERATOR

Neil Love, MD

Research To Practice
Miami, Florida



Raajit K Rampal, MD, PhD

Associate Member, Director
MPN and Rare Hematologic Malignancies Program
Director, Center for Hematologic Malignancies
Memorial Sloan Kettering Cancer Center
New York, New York

Contributing Clinical Investigators



Prithviraj Bose, MD

Professor, Department of Leukemia
Co-Leader, Section of Myeloproliferative Neoplasms
Division of Cancer Medicine
The University of Texas MD Anderson Cancer Center
Houston, Texas



John Mascarenhas, MD

Director, Center of Excellence in Blood
Cancers and Myeloid Disorders
Director, Adult Leukemia Program
Leader, Myeloproliferative Disorders Clinical
Research Program
Division of Hematology/Oncology
Tisch Cancer Institute
Professor of Medicine
Icahn School of Medicine at Mount Sinai
New York, New York



Andrew T Kuykendall, MD

Associate Member, Department of Malignant Hematology
Moffitt Cancer Center
Associate Professor, Department of Oncologic Sciences
University of South Florida
Tampa, Florida



Abdulraheem Yacoub, MD

Professor of Medicine
Clinical Director of Ambulatory
Hematology Clinics
The Division of Hematologic Malignancies
and Cellular Therapeutics (HMCT)
Department of Internal Medicine
The University of Kansas Cancer Center
Fairway, Kansas

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Dr Love — Disclosures

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Data and Safety Monitoring Boards/Committees	Deciphera Pharmaceuticals Inc, Silence Therapeutics, Takeda Pharmaceutical Company Limited
Speakers Bureaus	GSK, Menarini Group, MSD, Novartis, Stemline Therapeutics Inc
Nonrelevant Financial Relationships	Owner private LLP, trustee MPN Voice and Blood Cancer UK

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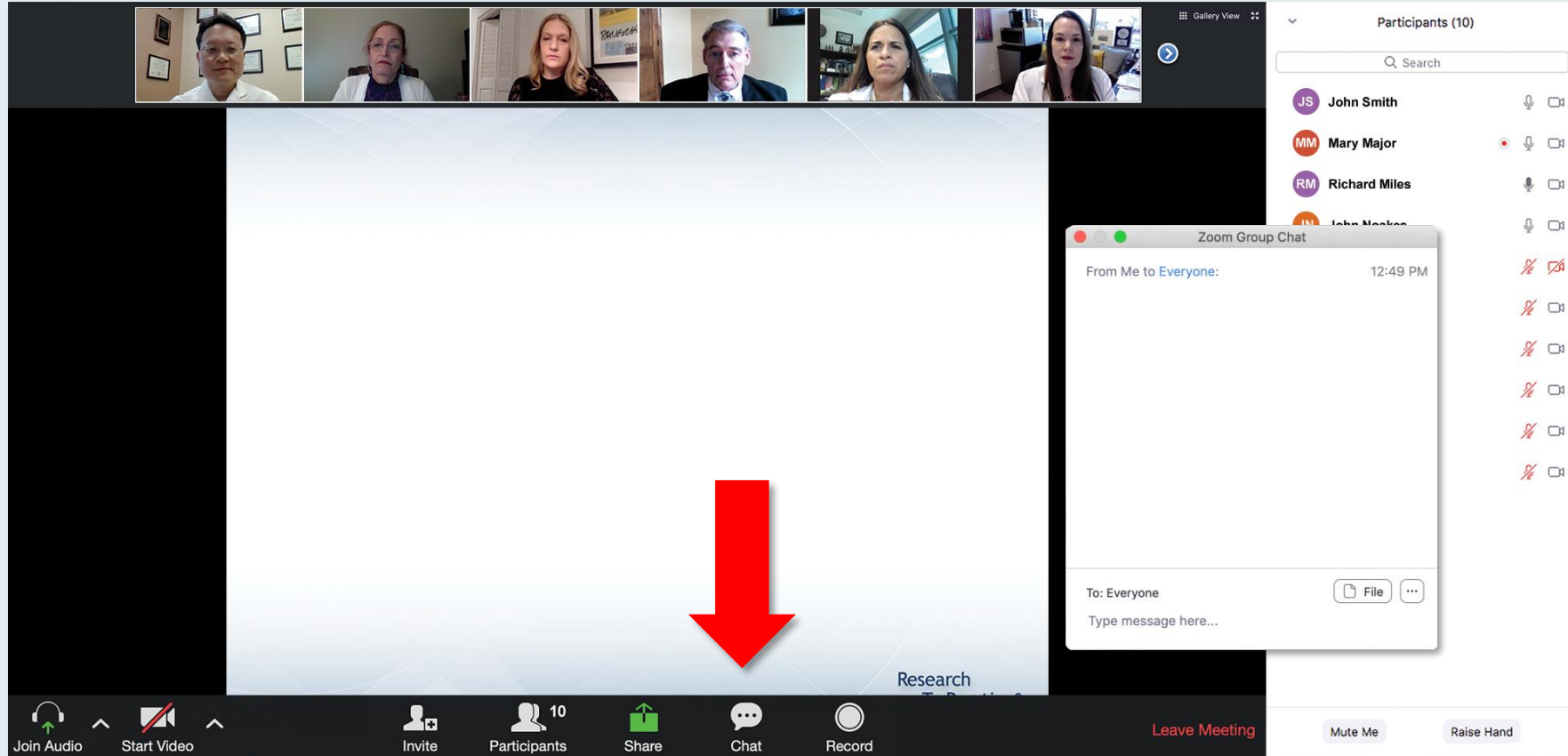
Dr Yacoub — Disclosures

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We Encourage Clinicians in Practice to Submit Questions



Feel free to submit questions now before the program begins and throughout the program.

Familiarizing Yourself with the Zoom Interface

Expand chat submission box

The screenshot shows a Zoom meeting interface. At the top, there are video thumbnails for participants: RTP Coordinat..., Kirsten Miller, RTP Mike Rivera, and Lisa Suarez. A 'Recording...' indicator is visible. The main content is a slide titled 'Meet The Professor Program Participating Faculty' with six faculty members listed:

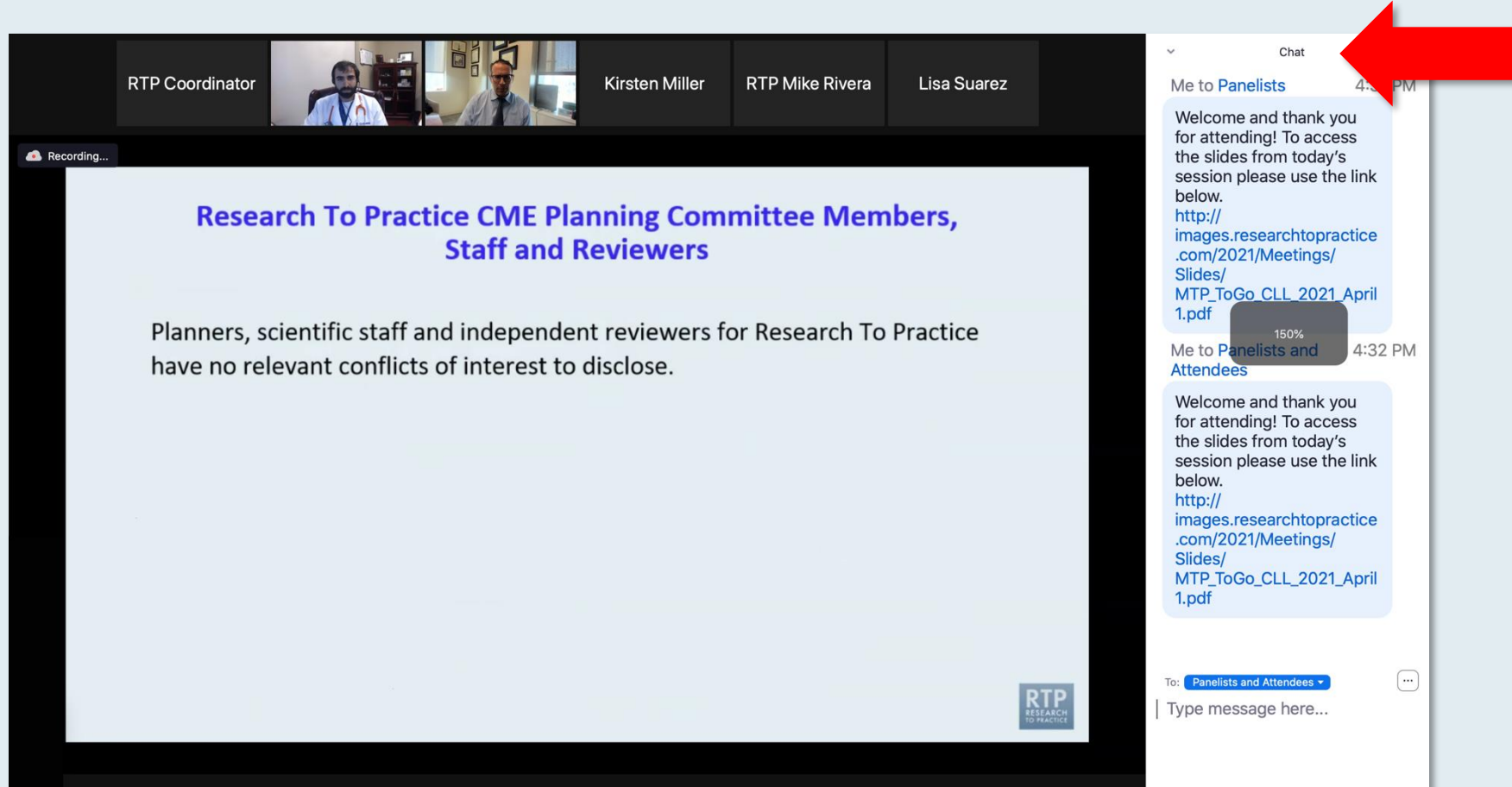
- Nancy L Bartlett, MD**
Professor of Medicine
Koman Chair in Medical Oncology
Washington University School of Medicine
St Louis, Missouri
- Jonathan W Friedberg, MD, MMSc**
Samuel E Durand Professor of Medicine
Director, James P Wilmot Cancer Institute
University of Rochester
Rochester, New York
- Carla Casulo, MD**
Associate Professor of Medicine
Division of Hematology/Oncology
Director, Hematology/Oncology Fellowship Program
University of Rochester
Wilmot Cancer Institute
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- Brian T Hill, MD, PhD**
Director, Lymphoid Malignancy Program
Cleveland Clinic Taussig Cancer Institute
Cleveland, Ohio
- Christopher R Flowers, MD, MS**
Chair, Professor
Department of Lymphoma/Myeloma
The University of Texas MD Anderson Cancer Center
Houston, Texas
- Brad S Kahl, MD**
Professor of Medicine
Washington University School of Medicine
Director, Lymphoma Program
Siteman Cancer Center
St Louis, Missouri

The chat window on the right shows a message from 'Me to Panelists' at 4:31 PM with a link to a PDF slide. Below it, a message from 'Me to Panelists and Attendees' at 4:32 PM with another link. A red arrow points to the white line above the 'Type message here...' input field, indicating how to expand the chat box.

Drag the white line above the submission box up to create more space for your message.

Familiarizing Yourself with the Zoom Interface

Increase chat font size



The screenshot displays a Zoom meeting interface. At the top, there are video thumbnails for participants: RTP Coordinator, Kirsten Miller, RTP Mike Rivera, and Lisa Suarez. The main content area shows a slide titled "Research To Practice CME Planning Committee Members, Staff and Reviewers" with the text: "Planners, scientific staff and independent reviewers for Research To Practice have no relevant conflicts of interest to disclose." A "Recording..." indicator is visible in the top left of the slide area. On the right, the chat window is open, showing two messages from "Me to Panelists" and "Me to Panelists and Attendees". A red arrow points to the font size adjustment icon (a plus sign) in the chat window's header area. A "150%" font size indicator is visible over the chat messages.

**Press Command (for Mac) or Control (for PC) and the + symbol.
You may do this as many times as you need for readability.**

Clinicians in the Audience, Please Complete the Pre- and Postmeeting Surveys

Meet The Professionals
Optimizing the Selection and Management of Therapy for Patients with Gastrointestinal Cancer
Wednesday, August 25, 2022
5:00 PM – 6:00 PM EST
Faculty
Wells A Messersmith, MD
Moderator
Neil Love, MD

Quick Survey

- Carfilzomib +/- dexamethasone
- Pomalidomide +/- dexamethasone
- Carfilzomib + pomalidomide +/- dexamethasone
- Elotuzumab + lenalidomide +/- dexamethasone
- Elotuzumab + pomalidomide +/- dexamethasone
- Daratumumab + lenalidomide +/- dexamethasone
- Daratumumab + pomalidomide +/- dexamethasone
- Daratumumab + bortezomib +/- dexamethasone
- Ixazomib + Rd
- Other

Submit

Participants (10)

- JS John Smith
- MM Mary Major
- RM Richard Miles
- JN John Noakes
- AS Alice Suarez
- JP Jane Perez
- RS Robert Stiles
- JF Juan Fernandez
- AK Ashok Kumar
- JS Jeremy Smith

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Expert Second Opinion Investigators Discuss the Optimal Management of Myelofibrosis and Systemic Mastocytosis



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JEANNE PALMER, MD
MAYO CLINIC SCHOOL OF MEDICINE



ANDREW T
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RAAJIT K RAMPAL,
MD, PHD
MEMORIAL SLOAN KETTERING
CANCER CENTER



STEPHEN T OH, MD, PHD
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE



Year in Review: Clinical Investigator Perspectives on the Most Relevant New Datasets and Advances in Oncology

Novel Treatment Approaches for Non-Hodgkin Lymphoma

A CME/MOC-Accredited Live Webinar

Wednesday, June 17, 2026

5:00 PM – 6:00 PM ET

Faculty

Matthew Matasar, MD

Sonali M Smith, MD

Moderator

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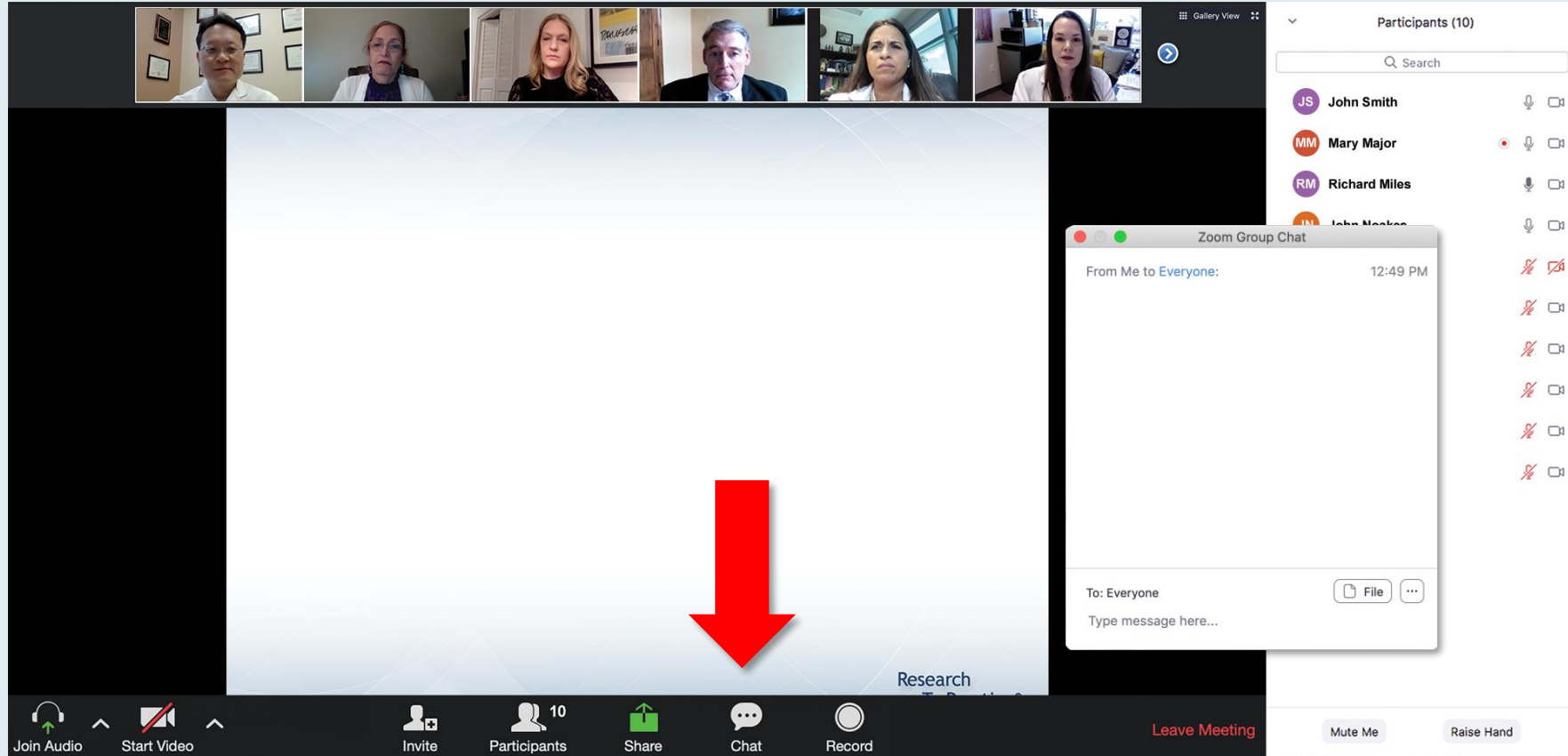
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Contracted Research	CTI BioPharma, a Sobi Company, Stemline Therapeutics Inc

Dr Love — Disclosures

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This educational activity contains discussion of non-FDA-approved uses of agents and regimens. Please refer to official prescribing information for each product for approved indications.

Friday May 29	Gastroesophageal Cancers 11:30 AM – 1:00 PM CT (12:30 PM – 2:00 PM ET)
	Non-Small Cell Lung Cancer 6:30 PM – 8:30 PM CT (7:30 PM – 9:30 PM ET)
	Chronic Lymphocytic Leukemia 6:30 PM – 8:30 PM CT (7:30 PM – 9:30 PM ET)
	Colorectal Cancer 6:30 PM – 8:00 PM CT (7:30 PM – 9:00 PM ET)
Saturday May 30	Ovarian Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Prostate Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Small Cell Lung Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Sunday May 31	Oral SERDs and Agents Targeting the PI3K/AKT/mTOR Pathway for Breast Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Endometrial Cancer 7:00 PM – 8:30 PM CT (8:00 PM – 9:30 PM ET)
	CAR T-Cell Therapy and Bispecific Antibodies for Non-Hodgkin Lymphoma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Monday June 1	ADCs for Breast Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Novel Therapies for Non-Hodgkin Lymphoma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Relapsed/Refractory Multiple Myeloma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Tuesday June 2	Myelofibrosis (Webinar)

Faculty



Yelena Y Janjigian, MD



Jacob Sands, MD



Jeremy S Abramson, MD, MMSc



Tanios Bekaii-Saab, MD



Kathleen N Moore, MD, MS



Rana R McKay, MD, FASCO



Misty Dawn Shields, MD, PhD



Sara M Tolaney, MD, MPH



**Shannon N Westin, MD,
MPH, FASCO, FACOG**



Hope S Rugo, MD



Brad S Kahl, MD



**Sagar Lonial, MD,
FACP, FASCO**

Agenda

Management of Myelofibrosis (MF)

Introduction: The Biopathophysiology of MF

Module 1: Current and Future Clinical Decision-Making in the Absence of Severe Cytopenias — Prof Harrison

Module 2: Managing MF for Patients with Anemia and Thrombocytopenia — Dr Rampal

Module 3: Upcoming at EHA 2026

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Expert Opinion on Pharmacotherapy

ISSN: 1465-6566 (Print) 1744-7666 (Online) Journal homepage: www.tandfonline.com/journals/ieop20

Targeted treatment of anemia in myelofibrosis and the impact of JAK inhibitors

Iman Al Noumani & Claire Harrison

2026 May 12:1-12.

REVIEW ARTICLE

JAK inhibitor selection in challenging scenarios of myelofibrosis: a review

Pankit Vachhani,¹ Ruben Mesa,² John Mascarenhas,³ Raajit Rampal,⁴ Stephen T. Oh,⁵ Alessandro Maria Vannucchi,⁶ Maria Laura Fox,⁷ Francesca Palandri,⁸ Francesco Passamonti,⁹ Jean-Jacques Kiladjian,¹⁰ Mahshid Azimi,¹¹ Claire Harrison¹² and Prithviraj Bose¹³

Haematologica 2026;111(4):1179-97.

PATHOPHYSIOLOGY OF MYELOFIBROSIS

Clonal hematopoiesis • Marrow fibrosis • Extramedullary hematopoiesis • Cytopenias

1 CLONAL DRIVER MUTATIONS

Acquired mutations in hematopoietic stem/progenitor cells lead to constitutive activation of survival and proliferation pathways.

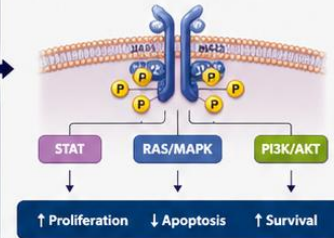


COMMON DRIVER MUTATIONS

- JAK2 V617F (~50–60%)
- CALR (~20–30%)
- MPL (~5–10%)
- Triple negative (~10–15%)

2 CONSTITUTIVE PATHWAY ACTIVATION

Mutant signaling drives cytokine-independent proliferation and resistance to apoptosis.



3 ABERRANT HEMATOPOIESIS AND CYTOKINE RELEASE

Clonal megakaryocytes and other myeloid cells release profibrotic and proinflammatory mediators.

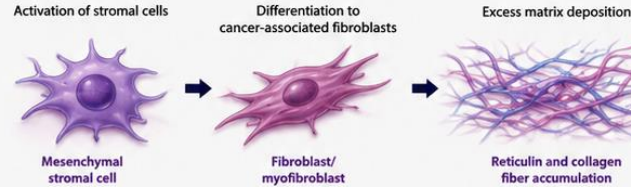


KEY MEDIATORS

- TGF-β1
- PDGF
- CTGF
- VEGF
- bFGF
- IL-1β
- TNF-α

4 MARROW FIBROSIS

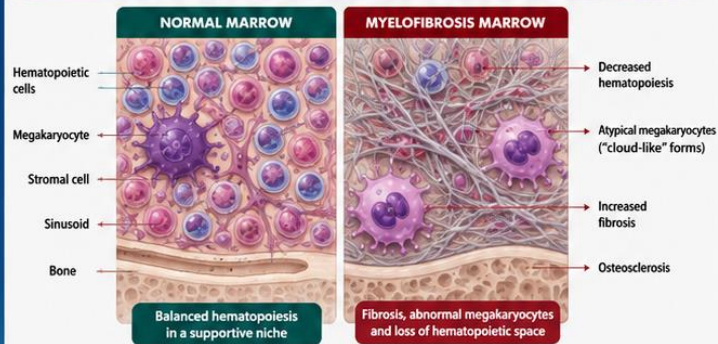
Profibrotic mediators activate stromal cells and fibroblasts, leading to excessive deposition of reticulin and collagen fibers.



RESULT

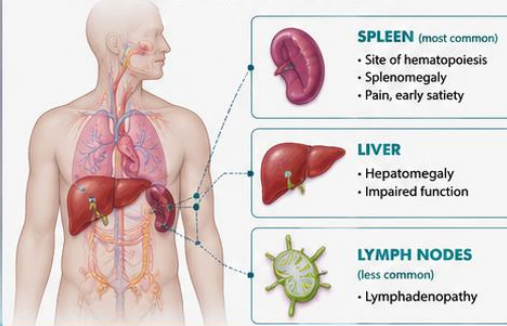
Progressive replacement of hematopoietic space with fibrotic tissue
 ↳
 Disrupted hematopoiesis and marrow failure

5 DISRUPTED MARROW MICROENVIRONMENT



6 EXTRAMEDULLARY HEMATOPOIESIS

Hematopoiesis shifts from bone marrow to peripheral organs, leading to organ enlargement and related symptoms.



SPLEEN (most common)

- Site of hematopoiesis
- Splenomegaly
- Pain, early satiety

LIVER

- Hepatomegaly
- Impaired function

LYMPH NODES (less common)

- Lymphadenopathy

7 CLINICAL CONSEQUENCES

CYTOPENIAS

- Anemia (↓ RBCs)
- Leukopenia
- Thrombocytopenia

HYPERSPLENISM

Sequestration and destruction of blood cells in enlarged spleen

CONSTITUTIONAL SYMPTOMS

- Fatigue
- Night sweats
- Weight loss
- Fever

BONE MARROW FAILURE & PROGRESSION

- Progressive cytopenias
- Transfusion dependence
- Increased risk of leukemic transformation

IMPAIRED QUALITY OF LIFE & SHORTENED SURVIVAL

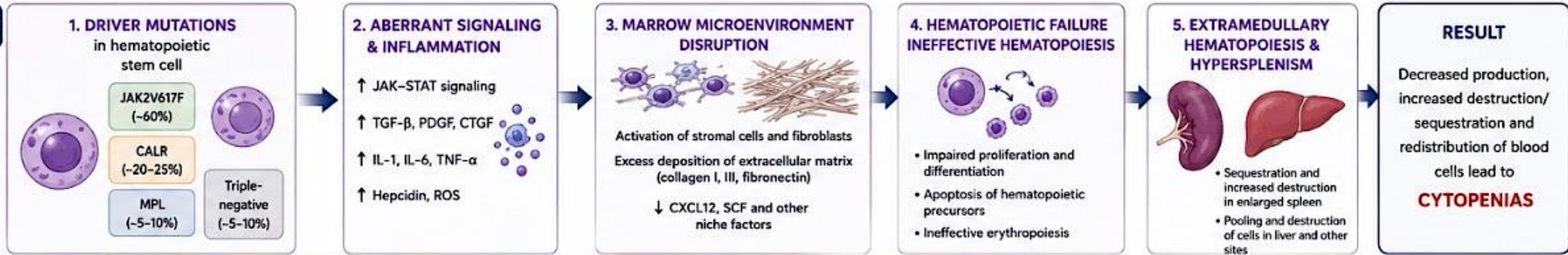


Myelofibrosis is a clonal stem cell disorder in which mutant signaling drives aberrant hematopoiesis, profibrotic inflammation, marrow failure and extramedullary hematopoiesis.

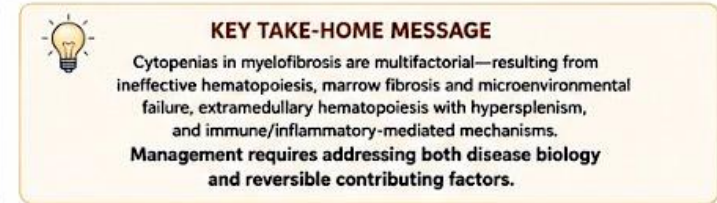
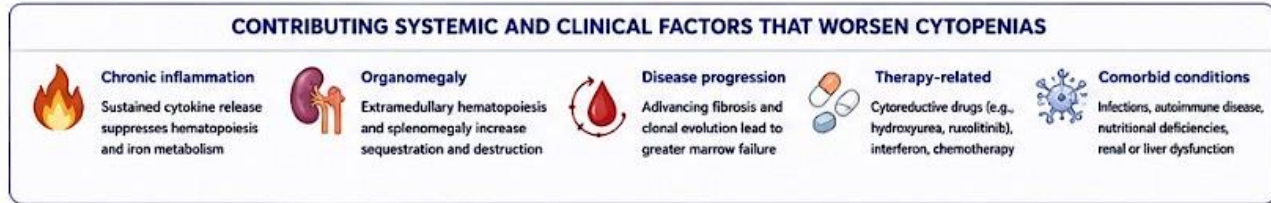
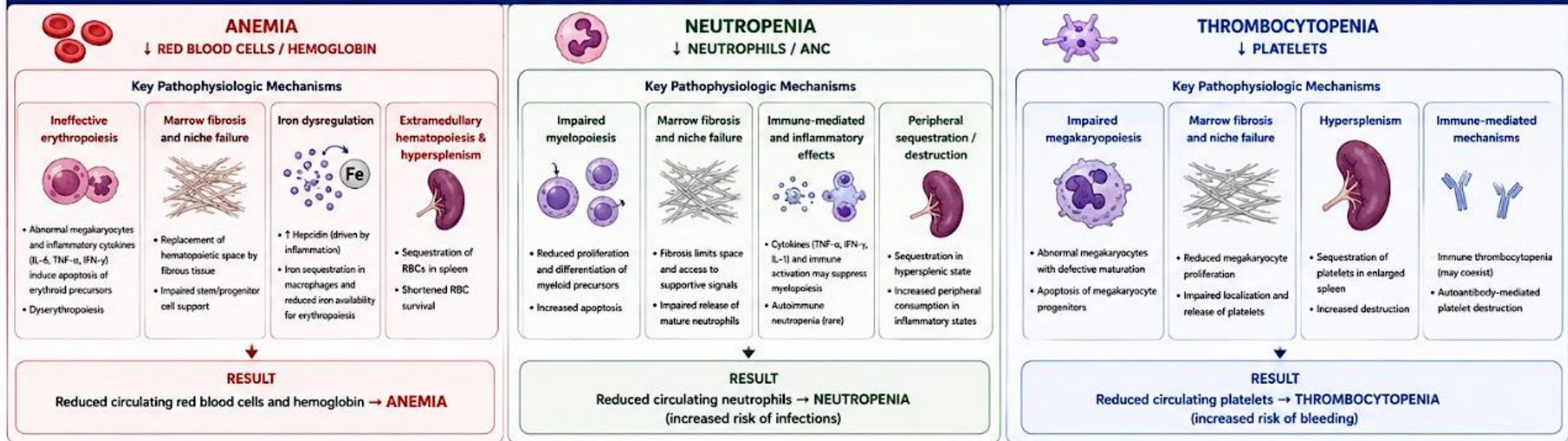
PATHOPHYSIOLOGY OF CYTOPENIAS IN MYELOFIBROSIS

Cytopenias in myelofibrosis result from impaired hematopoiesis, ineffective blood cell production, marrow failure due to fibrosis, and peripheral destruction or sequestration.

OVERVIEW



MECHANISMS RESPONSIBLE FOR EACH LINEAGE CYTOPENIA



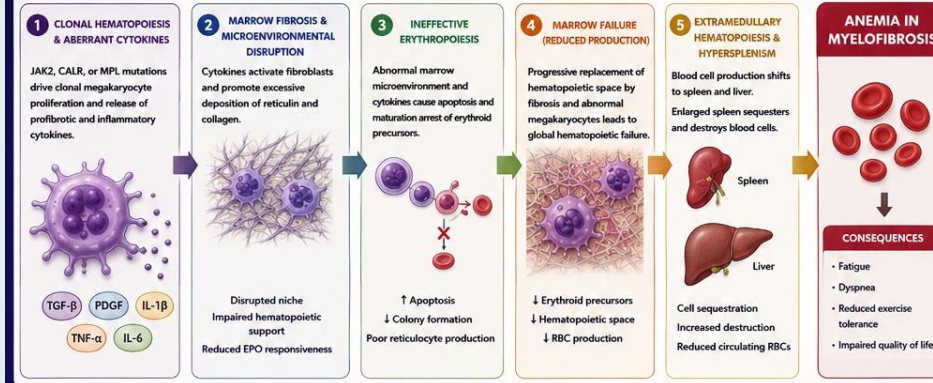
Abbreviations: ANC, absolute neutrophil count; CTGF, connective tissue growth factor; IFN, interferon; IL, interleukin; PDGF, platelet-derived growth factor; ROS, reactive oxygen species; SCF, stem cell factor; TGF-β, transforming growth factor-beta; TNF-α, tumor necrosis factor-alpha.

References: 1. Tefferi A, Barbui T. N Engl J Med. 2019;381:2135-2144. 2. Mesa RA et al. CA Cancer J Clin. 2023;73:119-154. 3. Ginzburg YZ et al. Blood. 2021;137:1861-1871. 4. Leukemia. 2021;35:1051-1069.

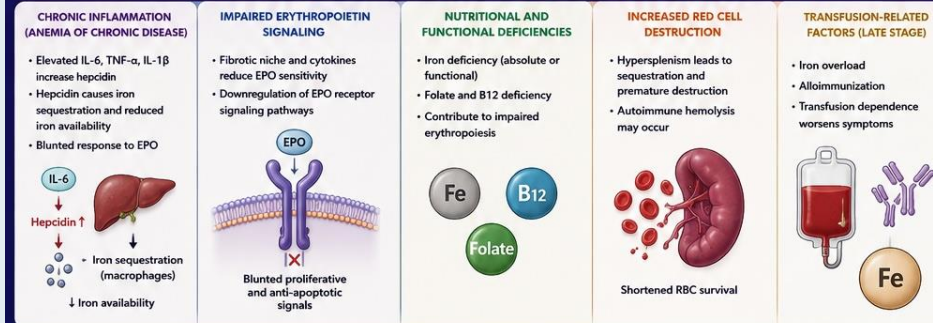
PATHOPHYSIOLOGY OF ANEMIA IN MYELOFIBROSIS

MULTIFACTORIAL, INTERCONNECTED, AND PROGRESSIVE

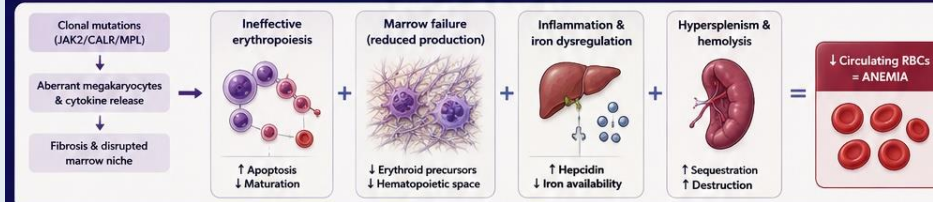
Anemia in myelofibrosis results from a combination of ineffective erythropoiesis, marrow failure, chronic inflammation, hypersplenism, and increased red cell destruction.



KEY PATHOGENIC MECHANISMS CONTRIBUTING TO ANEMIA



INTEGRATED MODEL



FACTORS ASSOCIATED WITH GREATER ANEMIA SEVERITY



CLINICAL IMPLICATION

Anemia in myelofibrosis is not solely due to decreased production but arises from multiple overlapping mechanisms that require a comprehensive, individualized management approach.



THERAPEUTIC TARGETS

- Reduce inflammation (JAK inhibitors, anti-IL-6)
- Improve ineffective erythropoiesis (lusupatercept, imetelstat)
- Manage iron dysregulation (hepcidin modulators)
- Treat hypersplenism (ruxolitinib, splenectomy in selected cases)
- Correct deficiencies and minimize transfusion complications

Agenda

Management of Myelofibrosis (MF)

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Module 3: Upcoming at EHA 2026

What is your threshold (in terms of symptom burden, degree of splenomegaly, etc) for initiating active treatment for patients with low-risk MF?



Prof Harrison

Splenomegaly – symptomatic or progressive
>2-3 cm increase, rising WBC and thrombocytosis



Dr Rampal

Constitutional symptoms +/- symptomatic splenomegaly



Dr Bose

Any symptoms



Dr Kuykendall

Significant symptom burden or symptomatic splenomegaly



Dr Mascarenhas

If MPN-related symptoms are clear and bothersome or spleen >5-10 cm



Dr Yacoub

Presence of true B symptoms

MPN = myeloproliferative neoplasm

In which situations, if any, will you initiate active treatment for a patient with MF who is asymptomatic?



Prof Harrison

Increasing splenomegaly, WBC, LDH or blasts, decreasing Hb



Dr Rampal

Massive splenomegaly



Dr Bose

Increasing splenomegaly



Dr Kuykendall

Splenomegaly >20 cm



Dr Mascarenhas

Splenomegaly >20 cm



Dr Yacoub

Low risk clinically and high risk by molecular models

If a patient with treatment-naïve MF were to ask you to estimate the likelihood that they would achieve meaningful clinical benefit with ruxolitinib, how would you respond?



Prof Harrison

If there was an indication to use I would say
97% have an initial reduction in spleen size



Dr Rampal

>80%



Dr Bose

90%



Dr Kuykendall

Most patients treated with ruxolitinib experience benefit in terms
of spleen size reduction and improvement in symptoms



**Dr
Mascarenhas**







Very high



Dr Yacoub

Patients with good initial response who can tolerate
therapy will likely have a longer response

What starting dose and schedule of ruxolitinib would you typically use for the patient below with MF and a platelet count $>200,000/\mu\text{L}$?

	Otherwise healthy 65-year-old	Frail 80-year-old
 Prof Harrison	20 mg BID	Maybe 10 mg BID (depending on Hb)
 Dr Rampal	20 mg BID	5 mg BID
 Dr Bose	20 mg BID	20 mg BID
 Dr Kuykendall	20 mg BID	15 mg BID
 Dr Mascarenhas	15 mg BID	10 mg BID
 Dr Yacoub	15 mg BID	10 mg BID

What is the highest dose of ruxolitinib you would employ for a patient whose disease is not responding or suboptimally responding?



Prof Harrison

25 mg BID



Dr Rampal

25 mg BID



Dr Bose

25 mg BID



Dr Kuykendall

25 mg BID



**Dr
Mascarenhas**

25 mg BID



Dr Yacoub

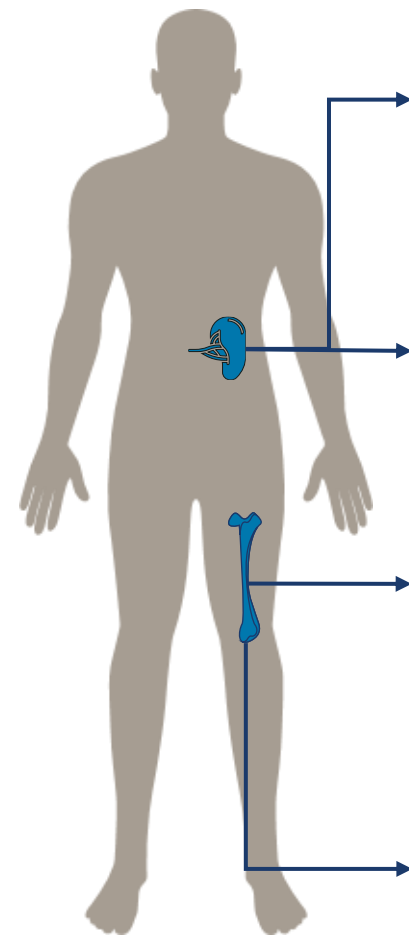
25 mg BID





Biology of Myelofibrosis (MF): Current and Future Clinical Decision-Making in the Absence of Severe Cytopenias

Claire.Harrison18@nhs.net



MF burden is driven by splenomegaly, bone marrow fibrosis and cytopenias



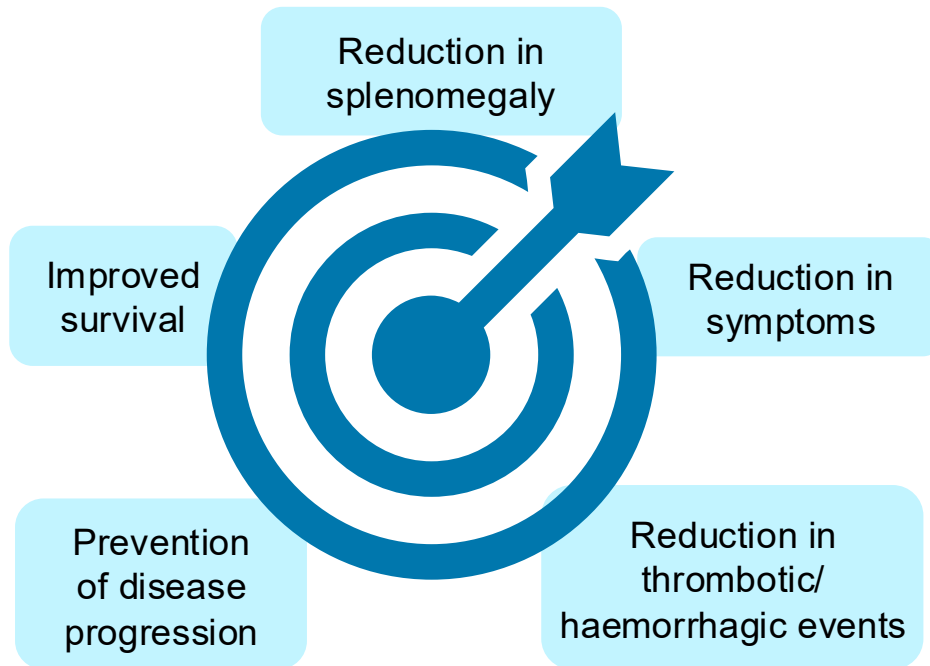
Splenomegaly ¹		
	The revised 2022 ICC diagnostic criteria for MF include palpable splenomegaly as a minor criteria	
MF-related symptoms ¹⁻³		
	Surveys of patients with MF suggest that >80% were experiencing ≥1 disease-related symptom at the time of the survey ⁴	Weight loss
		Fatigue
		Night sweats
		Fever
		Bone pain
Bone marrow fibrosis ^{1,5}		
	Progressive bone marrow fibrosis leads to a myelophthisic phenotype with worsening cytopenias, which can lead to bone pain	
Cytopenia ¹		
	At diagnosis, roughly 40% of patients have Hb <10 g/dL, and over 20% are already RBC transfusion-dependent	Anaemia
		Thrombocytopenia

Burdensome symptoms **negatively affect the quality of life** of patients²

Hb, haemoglobin; ICC, International consensus classification; MF, myelofibrosis; RBC, red blood cell.
 1. Tefferi A, et al. *Am J Hematol* 2023;98:801–821; 2. Verstovsek S, et al. *Cancer* 2023;129:1681–1690;
 3. Breccia M, et al. *Front Oncol* 2024;14:1382872; 4. Mughal TI, et al. *Int J Gen Med* 2014;7:89–101; 5. O'Sullivan JM, et al. *Clin Adv Hematol Oncol* 2018;16:121–131.

Current treatment goals do not adequately address the underlying MF disease biology

Current MF treatment goals include:¹



JAKi, the cornerstone of MF therapy, **reduce symptoms and splenomegaly, and modestly improve survival**²⁻⁴

These treatments do not consistently **resolve pathobiological** features of MF and **may not adequately address the underlying disease biology**^{2,5}

An **unmet need** remains due to the **limited depth and durability of clinical response** and frequency of TEAEs with **JAKi monotherapy**⁵

JAKi, Janus kinase inhibitor; MF, myelofibrosis; TEAE, treatment-emergent adverse event.
1. Asher S, et al. *Blood Rev* 2020;42:100715; 2. Gill H, et al. *Hematology Am Soc Hematol Educ Program* 2023;2023:667-675;
3. Bose P, Verstovsek S. *Hemasphere* 2020;4:e424; 4. Vainchenker W, et al. *Fac Rev* 2023;12:23; 5. Rampal RK, et al. *Nat Med* 2025;31:1531-1538.

Despite treatment advances for MF, an unmet need remains



JAKi predominantly alleviates splenomegaly and MF-associated symptoms, with modest survival benefit, but has limited impact on disease progression and underlying disease biology



Treatment options remain limited and HSCT, the only curative approach, is available to a minority of patients with high or very high-risk MF



There is a need for novel agents that offer the potential for disease modification to improve clinical outcomes

Addressing the limitations of JAKi monotherapy in MF



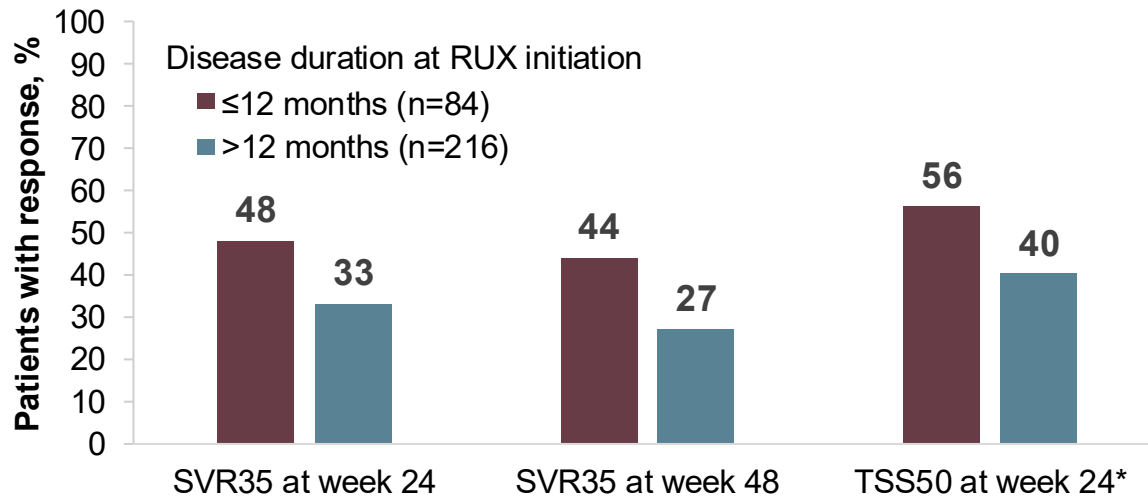
JAKi, Janus kinase inhibitor; MF, myelofibrosis; OS, overall survival; SVR, spleen volume response.
1. Gill H, et al. *Hematology Am Soc Hematol Educ Program* 2023;1:667–675; 2. Rampal RK, et al. *Nat Med* 2025;31:1531–1538;
3. Verstovsek S, et al. *Cancer* 2023;129:1681–1690; 4. Harrison CN, et al. *Cancer* 2024;130:2091–2097.

Early treatment in MF may improve clinical outcomes including prolonged overall survival

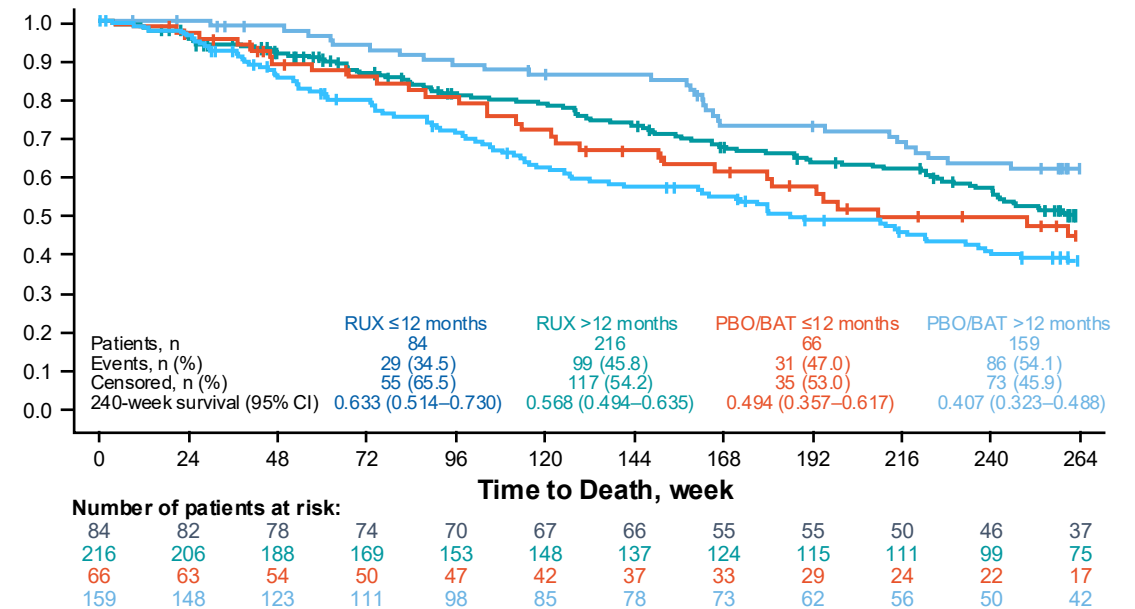
In a pooled analysis of COMFORT-I and COMFORT-II, early RUX initiation within 1 year of diagnosis was associated with improved spleen and symptom responses and prolonged survival

- At RUX initiation, spleen responses were more durable among those with a disease duration ≤ 12 months vs > 12 months

Spleen and symptom responses by disease duration at RUX initiation



OS of patients by disease duration at RUX initiation



BAT, best available therapy; CI, confidence interval; JAKi, Janus kinase inhibitor; MF, myelofibrosis; OS, overall survival; PBO, placebo; RUX, ruxolitinib; SVR35, spleen volume reduction $\geq 35\%$ from baseline; TSS50, total symptom score reduction $\geq 50\%$ from baseline.

*Data only available for COMFORT-1.

Verstovsek S, et al. ASH 2021. Abstract 1505. Reproduced with permission from Incyte Corporation; Verstovsek S, et al. *Cancer* 2023;129:1681–1690.

Many patients experience inadequate response with JAKi monotherapy

1L 'failure' and its subcategories

Primary resistance	
Primary refractory	Absence of onset of any clinical response within 28 days of starting treatment
Lack of response	Failure to achieve a >CI (e.g., spleen or symptom response) within 12 weeks of starting
“Mixed response”	AEs (e.g., cytopenias) complicate CI or better clinical response

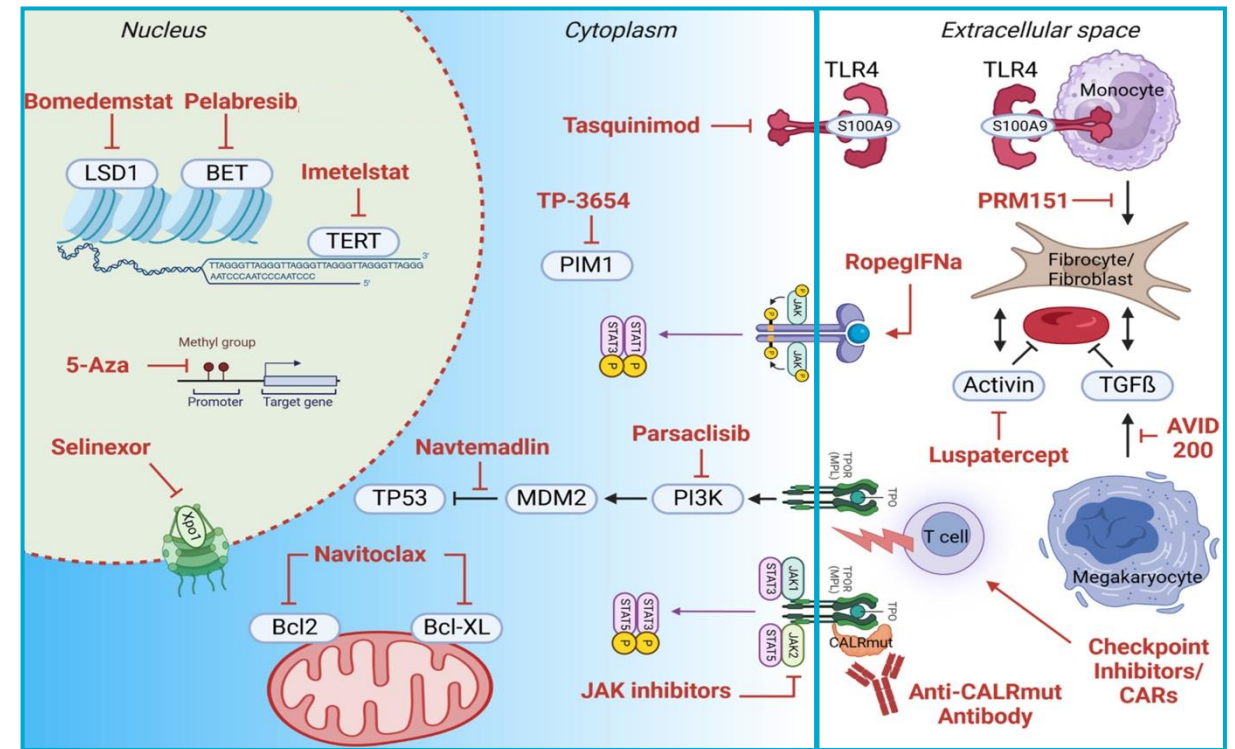
Secondary resistance	
Relapse/loss of response	<CI after reaching CI/PR/CR or loss of anaemia or spleen responses persisting for ≥1 month (IWG-MRT/ELN)
and/or disease progression	e.g., worsening leukocytosis, thrombocytopenia, anaemia, increase in circulating blasts

Intolerance	
Patients have dose reductions or interruptions due to development or exacerbation of cytopenias	

New targets beyond JAK-STAT could enable opportunities for combination strategies

- Resistance may occur due to the activation of non-JAK-STAT pathways^{1,2}
- Targets of novel therapeutics in MF in clinical development include:²
 - Epigenetics
 - Apoptosis
 - Telomerase
 - Intracellular signaling pathways

Targets beyond the JAK-STAT pathway³



Bcl-2, B-cell lymphoma-2; Bcl-XL, B-cell lymphoma-extra large; BET, bromodomain and extra-terminal domain; CALR, calreticulin; CARs, chimeric antigen receptor T cells; CD123, interleukin-3 receptor subunit alpha; JAK, Janus kinase; JAK-STAT, JAK signal transducer and activator of transcription; LSD1, lysine-specific demethylase 1; MDM2, murine double minute 2 homolog; MF, myelofibrosis; PI3K, phosphoinositide 3-kinase; PIM, proviral insertion site in Moloney murine leukaemia virus kinase; TERT, telomerase reverse transcriptase; TGFβ, transforming growth factor beta; TLR4, Toll-like receptor 4; TP53, tumour protein 53; TPOR, thrombopoietin receptor; XPO1, exportin 1.

JAKi combination approaches are being explored to address unmet needs – Phase 3 trials

Drug	Trials	Mechanism of action	Latest phase in MF	Line of treatment	Active Phase 3 MF clinical trials,* n
Therapies in development for MF					
Pelabresib ^{1,2}	MANIFEST (Phase 2) MANIFEST-2 (Phase 3)	BET inhibitor	Phase 3	JAKi-naive, in combination with RUX	1
Imetelstat ^{3,4}	IMproveMF (Phase 1/1b) IMbark (Phase 2) IMPactMF (Phase 3)	Telomerase inhibitor	Phase 3	Relapsed/refractory to JAKi treatment	1
Luspatercept ⁵⁻⁷	ACE-536-MF-001 (Phase 2) INDEPENDENCE (Phase 3)	TGF-β inhibitor	Phase 3	Patients with anaemia and require red blood cell transfusions on concomitant JAKi treatment	1
Navtemadlin ^{8,9}	KRT-232-109 (Phase 1/2) POEISIS (Phase 3) BOREAS (Phase 2/3)	MDM2 inhibitor	Phase 3	JAKi-naive with suboptimal response to RUX, as add-on to RUX Relapsed/refractory to JAKi	2
Selinexor ¹⁰	SENTRY-2 (Phase 2) SENTRY (Phase 3)	XPO1 inhibitor	Phase 3	JAKi-naive, in combination with RUX	1

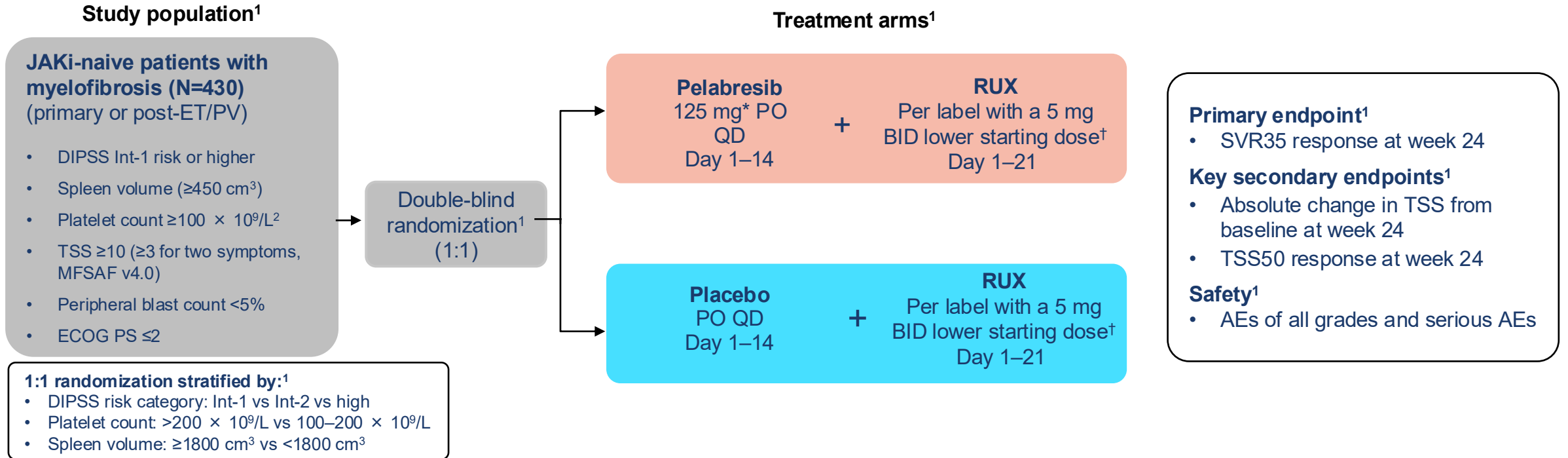
BET, bromodomain and extra-terminal domain; JAK, Janus kinase; JAKi, Janus kinase inhibitor; MDM2, murine double minute 2 homolog; MF, myelofibrosis; RUX, ruxolitinib; TGF-β, transforming growth factor beta; XPO1, exportin 1.

*Phase 3 trials active as of December 18, 2024.

1. ClinicalTrials.gov. NCT0460349. Available at: <https://clinicaltrials.gov/study/NCT0460349>. Accessed April 2026; 2. Rampal RK, et al. Nat Med 2025;31:1531-1538; 3. ClinicalTrials.gov. NCT04576156. Available at: <https://clinicaltrials.gov/study/NCT04576156>. Accessed April 2026; 4. Mascarenhas J, et al. Future Oncol 2022;18:2393-2402; 5. ClinicalTrials.gov. NCT04717414. Available at: <https://clinicaltrials.gov/study/NCT04717414>. Accessed April 2026; 6. Gerds AT, et al. Blood Adv 2024;8:4511-4522; 7. ClinicalTrials.gov. NCT04717414. Available at: <https://clinicaltrials.gov/study/NCT04717414>. Accessed April 2026; 8. ClinicalTrials.gov. NCT03662126. Available at: <https://clinicaltrials.gov/study/NCT03662126>. Accessed April 2026; 9. ClinicalTrials.gov. NCT06479135. Available at: <https://clinicaltrials.gov/study/NCT06479135>. Accessed April 2026; 10. ClinicalTrials.gov. NCT04562389. Available at: <https://clinicaltrials.gov/study/NCT04562389>. Accessed April 2026.

Phase 3 MANIFEST-2 study evaluates pelabresib + RUX in patients who are JAKi-naïve

Global, randomized, double-blind, active-controlled, Phase 3 trial^{1,2}



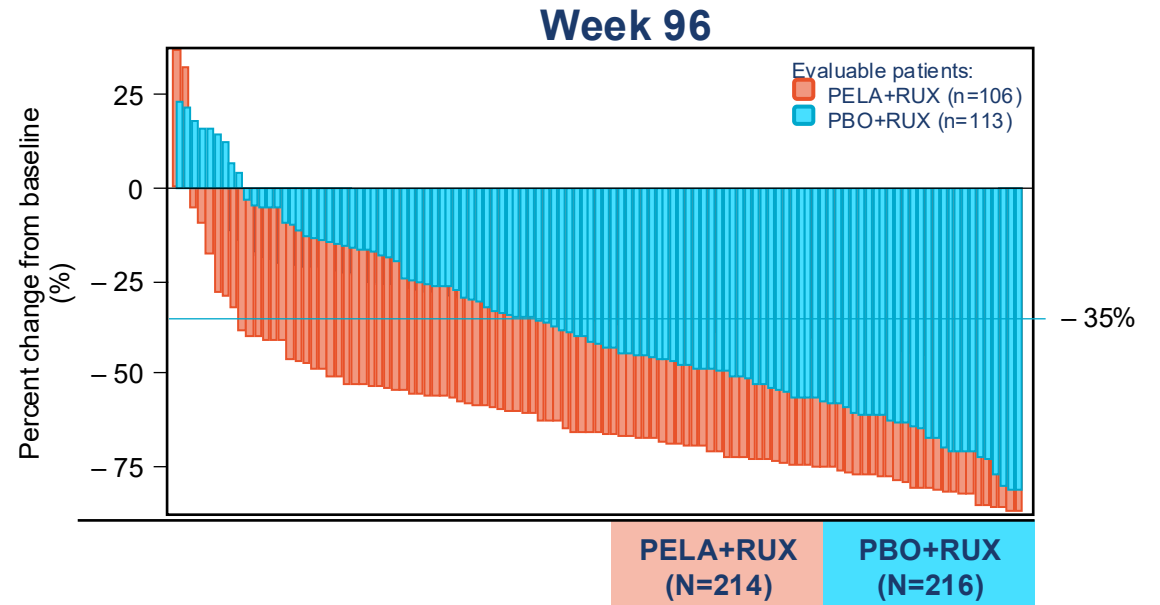
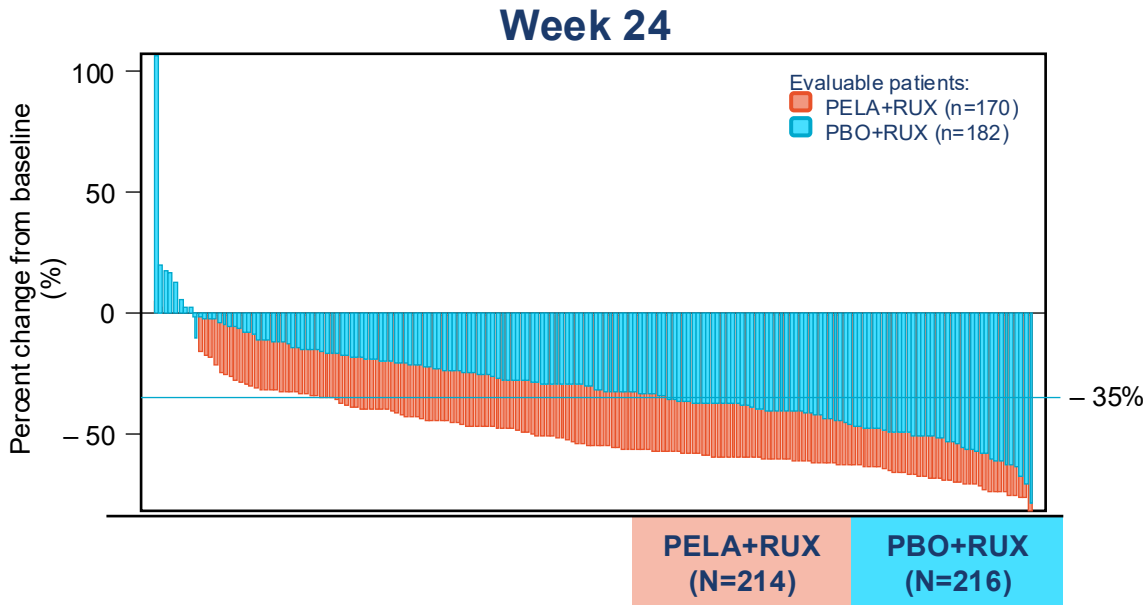
AE, adverse event; BID, twice daily; DIPSS, Dynamic International Prognostic Scoring System; ECOG PS, Eastern Cooperative Oncology Group performance status; ET, essential thrombocythaemia; Int, intermediate; JAKi, Janus kinase inhibitor; MFSAF, Myelofibrosis Symptom Assessment Form; PO, orally; PV, polycythaemia vera; QD, once daily; RUX, ruxolitinib; SVR35, $\geq 35\%$ reduction in spleen volume from baseline; TSS, total symptom score; TSS50, $\geq 50\%$ reduction in total symptom score from baseline.

*The starting dose for pelabresib was 125 mg QD and protocol-defined dose modifications based on AEs and treatment response allowed a dose range between 50 mg and 175 mg QD. †RUX was started at 10 mg BID (baseline platelet count $100\text{--}200 \times 10^9/\text{L}$) or 15 mg BID (baseline platelet count $> 200 \times 10^9/\text{L}$) with a mandatory dose increase by 5 mg BID after 1 cycle and a maximum dose of 25 mg BID as per the label.

1. Rampal RK, et al. Nat Med 2025;31:1531–1538; 2. Harrison CN et al. Future Oncol 2022;18:2987–2997

Significant reduction in spleen volume was demonstrated in MANIFEST-2 at week 24 and sustained at week 96

Phase 3 MANIFEST-2 primary endpoint



SVR35 response at week 24 in evaluable patients

82.9% (141/170) 41.8% (76/182)

Difference

41.1%

SVR35 response at week 24 in ITT population

65.9% (141/214) 35.2% (76/216)

Difference

30.4% (21.6-39.3)

SVR35 response at week 96 in evaluable patients

91.5% (97/106) 57.5% (65/113)

Difference

34.0%

SVR35 response at week 96 in ITT population

45.3% (97/214) 30.1% (65/216)

Difference

14.9% (6.1-23.8)

Data cutoff date: March 2, 2025.

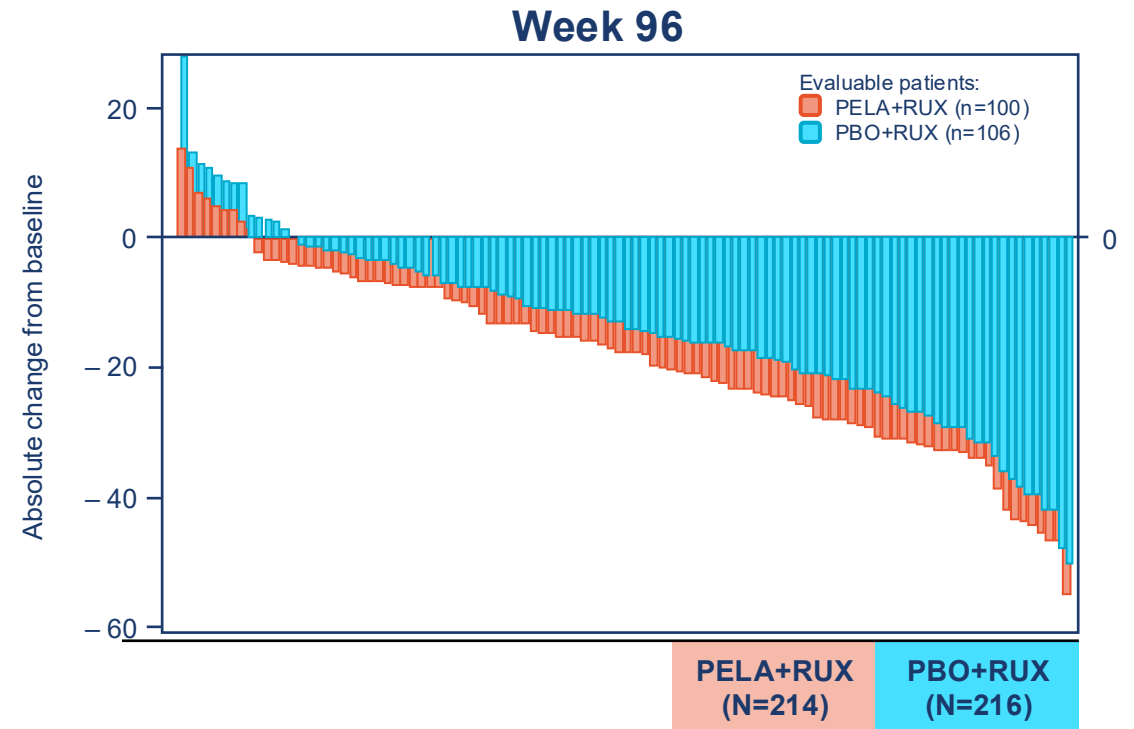
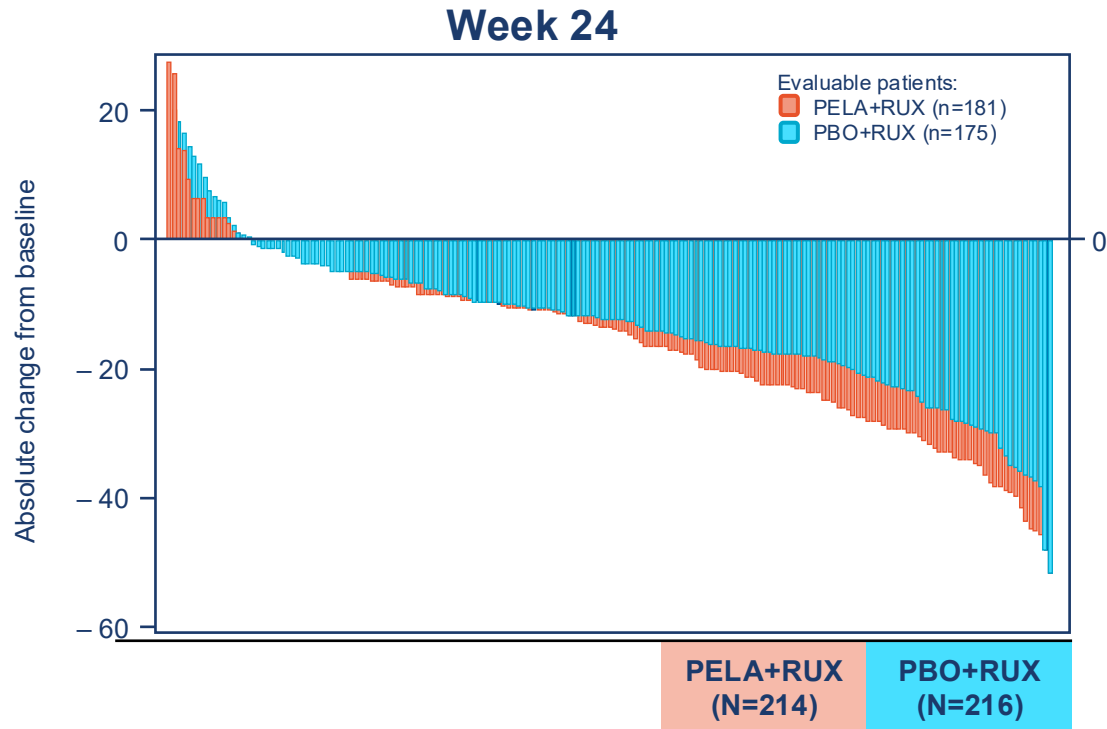
Spleen volume assessed by central read.

Waterfall plots represent evaluable patients who have baseline and week 24 or week 96 data. * Calculated by stratified Cochran–Mantel–Haenszel test.

CI, confidence interval; ITT, intent-to-treat; PBO, placebo; PELA, pelabresib; RUX, ruxolitinib; SVR35, $\geq 35\%$ reduction in spleen volume from baseline.

Rampal R, et al. Presented at: ASH 2025 Congress; December 6–9, 2025; Orlando, Florida. Oral 910.

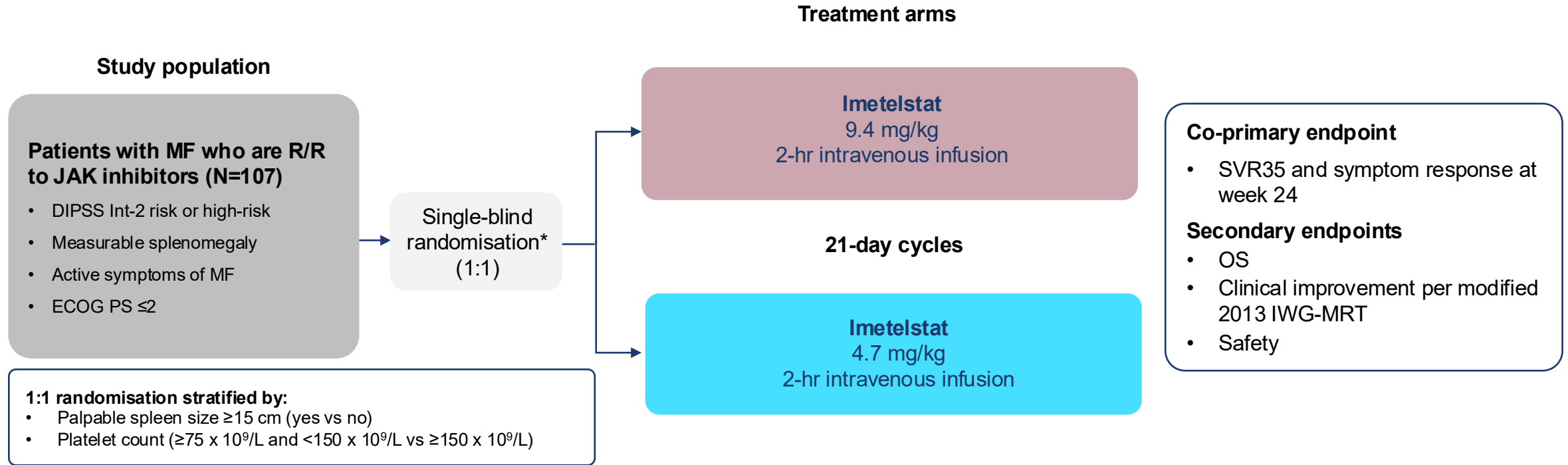
In MANIFEST-2, improvements in absolute TSS at week 24 were sustained through week 96



Data cutoff date: March 02, 2025.
 Waterfall plots represent evaluable patients who have baseline and Week 24 or Week 96 data. TSS assessed by MFSAF v4.0 and using an MMRM analysis of absolute change from baseline TSS.
 CI, confidence interval; ITT, intent-to-treat; LSM, least squares mean; MFSAF, Myelofibrosis Symptom Assessment Form; MMRM, mixed model for repeated measures; PBO, placebo; PELA, pelabresib; RUX, ruxolitinib; TSS, total symptom score.
 Rampal R, et al. Presented at: ASH 2025 Congress; December 6–9, 2025; Orlando, Florida. Oral 910.

Phase 2 IMbark study evaluates imetelstat in patients with R/R MF

Single-blind, randomised study to assess the efficacy and safety of two doses of imetelstat



The Phase 3 study of imetelstat is ongoing

*Patients were blinded to treatment dose.
DIPSS, Dynamic International Prognostic Scoring System; ECOG PS, Eastern Cooperative Oncology Group performance status; Int, intermediate; IWG-MRT, International Working Group-Myeloproliferative Neoplasm Research and Treatment; JAK, Janus kinase; MF, myelofibrosis; OS, overall survival; PFS, progression-free survival; R/R, relapsed/refractory; SVR35, $\geq 35\%$ reduction in spleen volume from baseline. Mascarenhas J, et al. *J Clin Oncol* 2021;39:2881–2892.

Greater spleen and symptom responses were seen with a higher dose of imetelstat in the IMbark study

Phase 2 IMbark co-primary endpoints

Spleen response (SVR) at week 24

Spleen response	4.7 mg/kg (n=48)	9.4 mg/kg (n=59)
≥10% SVR, n (%)	4 (8.3)	22 (37.3)
≥20% SVR, n (%)	1 (2.1)	13 (22)
≥30% SVR, n (%)	0	6 (10.2)

Symptom response (TSS50) at week 24

Symptom response	4.7 mg/kg (n=48)	9.4 mg/kg (n=59)
≥50% TSS reduction, n (%)	3 (6.3)	19 (32.2)

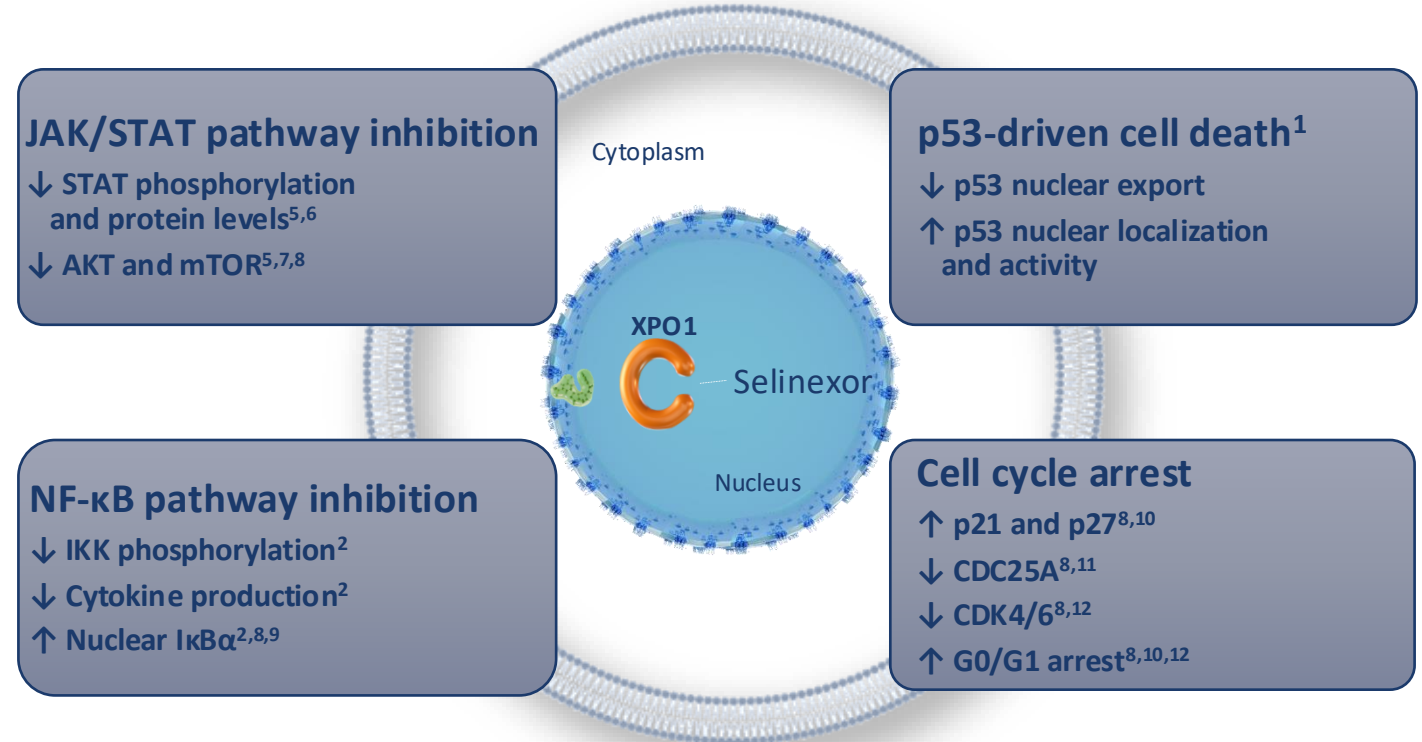
An imetelstat dose of 9.4 mg/kg demonstrated clinical benefit in patients with MF who are R/R to JAKi treatment

Selinexor is an investigational, targeted, oral XPO1 inhibitor

Selinexor inhibits XPO1-mediated nuclear cargo protein export that may lead to:

- Increased malignant cell death¹
- Reduced inflammation²
- Apoptosis of *JAK2*-mutated MF CD34+ cells but not healthy donor cells³
- Synergism with ruxolitinib and other therapeutic agents in cell lines with or without *JAK2*^{V617F} and *TP53* mutations⁴

XPO1 inhibition is a fundamental mechanism of action that may target both JAK/STAT and non-JAK/STAT pathways in MF



ASCO 2026; Abstract LBA6500

Selinexor plus ruxolitinib in JAK inhibitor–naïve myelofibrosis: Phase 3 SENTRY trial

John Mascarenhas,¹ Haris Ali,² Haifa Al-Ali,³ Jose Valentin Garcia Gutierrez,⁴ Sebastian Grosicki,⁵ Zhanet Grudeva-Popova,⁶ Claire Harrison,⁷ Junshik Hong,⁸ Hsin-An Hou,⁹ Michal Kwiatek,¹⁰ Michael Loschi,¹¹ Francesco Passamonti,¹² Andrea Patriarca,¹³ Nikolai Podoltsev,¹⁴ Raajit Rampal,¹⁵ Srinivas Tantravahi,¹⁶ Laura Gabriela Urian,¹⁷ Reshma Rangwala,¹⁸ Pankit Vachhani,¹⁹ Prithviraj Bose²⁰

¹Mount Sinai Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, NY, USA; ²City of Hope, Duarte, CA, USA; ³Krukenberg Cancer Center Halle, University Hospital Halle (Saale), Halle, Germany; ⁴Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), Madrid, Spain; ⁵Department of Cancer Prevention, Medical University of Silesia, Katowice, Poland; ⁶Medical University of Plovdiv, Plovdiv, Bulgaria; ⁷Guy's and St Thomas' NHS Foundation Trust, London, UK; ⁸Department of Hematology and Medical Oncology, Seoul National University Hospital, Seoul, South Korea; ⁹National Taiwan University Hospital, Taipei, Taiwan; ¹⁰Centrum Medyczne Pratia Poznań, Poznań, Poland; ¹¹Centre Hospitalier Universitaire de Nice, Nice, France; ¹²Department of Medicine and Surgery, Università del Piemonte Orientale, Alessandria, Italy; ¹³Ospedale Civile "Spirito Santo", Pescara, Italy; ¹⁴Department of Internal Medicine, Yale School of Medicine, New Haven, CT, USA; ¹⁵Memorial Sloan Kettering Cancer Center, New York, NY, USA; ¹⁶Huntsman Cancer Institute, Salt Lake City, UT, USA; ¹⁷Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania; ¹⁸Karyopharm Therapeutics, Newton, MA, USA; ¹⁹University of Alabama at Birmingham, Birmingham, AL, USA; ²⁰University of Texas MD Anderson Cancer Center, Houston, TX, USA



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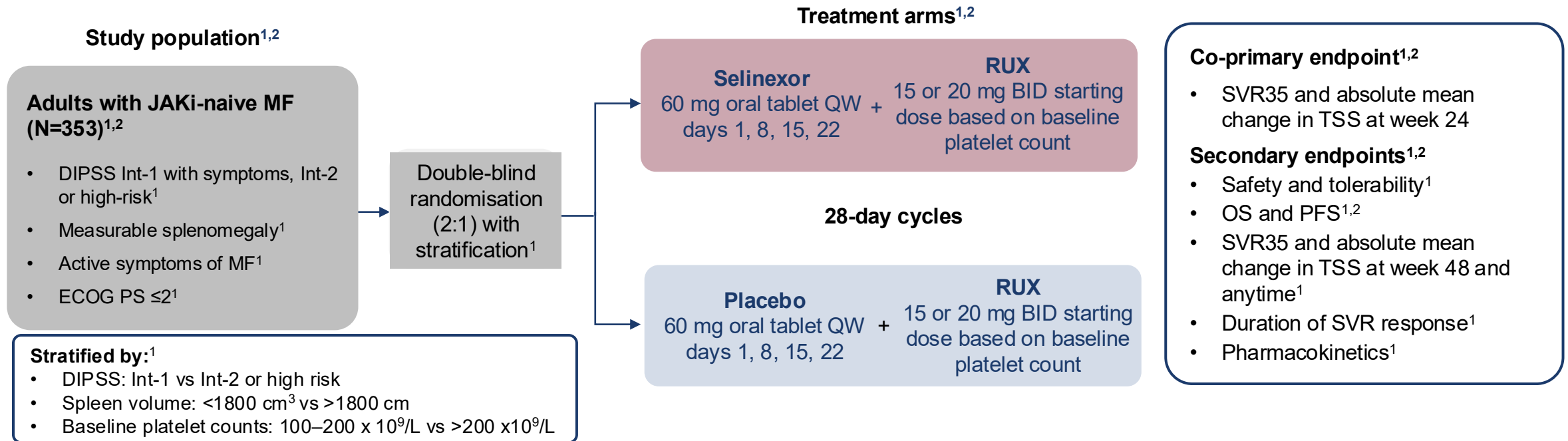
Selinexor Plus Ruxolitinib in JAK Inhibitor–Naïve Myelofibrosis: Phase 3 SENTRY Trial

Authors: [Prithviraj Bose, MD](#) , [Haris Ali, MD](#) , [Haifa Kathrin Al-Ali, MD, PhD](#), [Valentin Garcia-Gutierrez, MD, PhD](#), [Sebastian Grosicki, MD, PhD](#) , [Zhanet Grudeva-Popova, MD, PhD, MHM](#) , [Claire Harrison, DM, FRCP, PRCP](#) , ... [SHOW ALL ...](#), [for the SENTRY Trial Investigators](#) | [AUTHORS INFO & AFFILIATIONS](#)

J Clin Oncol • [Just Accepted](#)

Phase 3 SENTRY study evaluates selinexor + RUX in patients who are JAKi-naïve

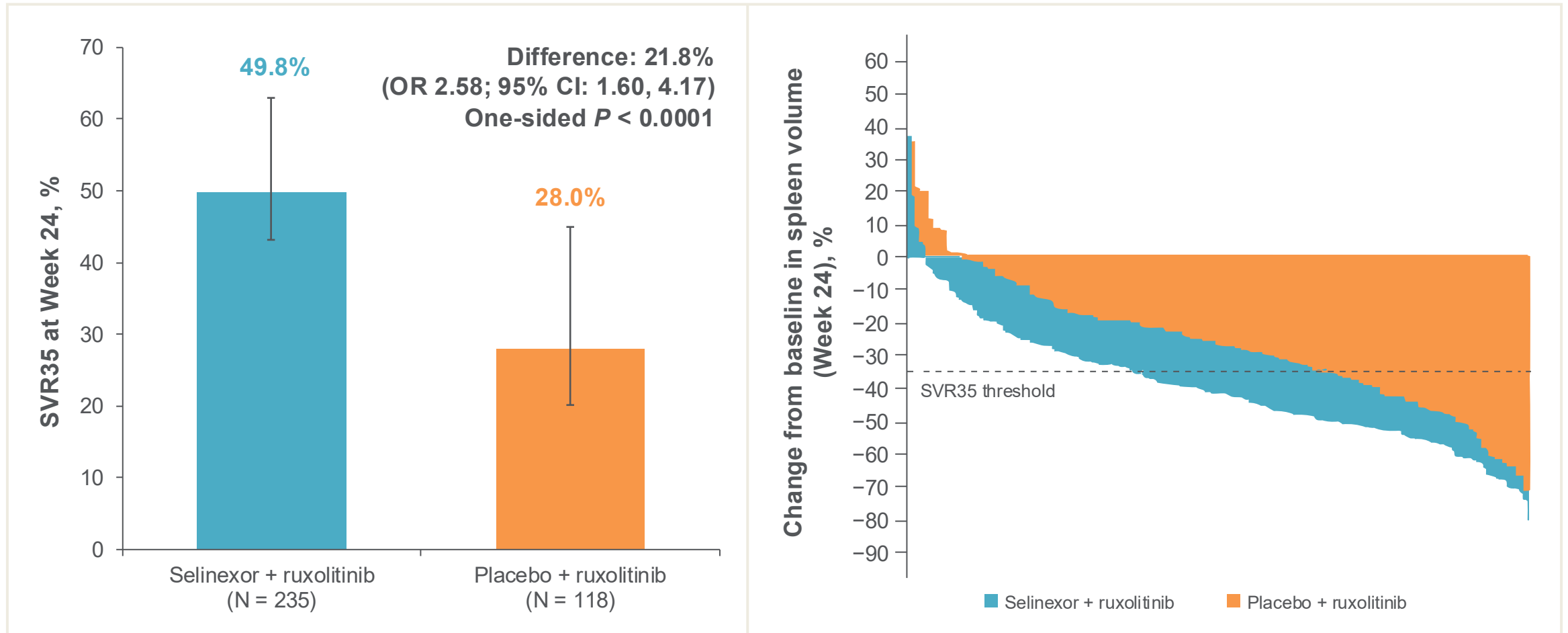
Double-blind, placebo-controlled, randomised study to assess the efficacy and safety of selinexor + RUX vs placebo + RUX^{1,2}



BID, twice a day; DIPSS, Dynamic International Prognostic Scoring System; ECOG PS, Eastern Cooperative Oncology Group performance status; Int, intermediate; JAK, Janus kinase; JAKi, Janus kinase inhibitor; MF, myelofibrosis; OS, overall survival; PFS, progression-free survival; QW, once weekly; RUX, ruxolitinib; SVR, spleen volume reduction; SVR35, ≥35% reduction in spleen volume from baseline; TSS, total symptom score;

1. Mascarenhas J, et al. *Future Oncol* 2025;21:807–813; 2. Clinicaltrial.gov. NCT04562389. Available at: <https://clinicaltrials.gov/study/NCT04562389>. Accessed April 2026.

Significantly higher SVR35 at Week 24 with selinexor + ruxolitinib vs ruxolitinib alone



Data cut off: February 20, 2026.

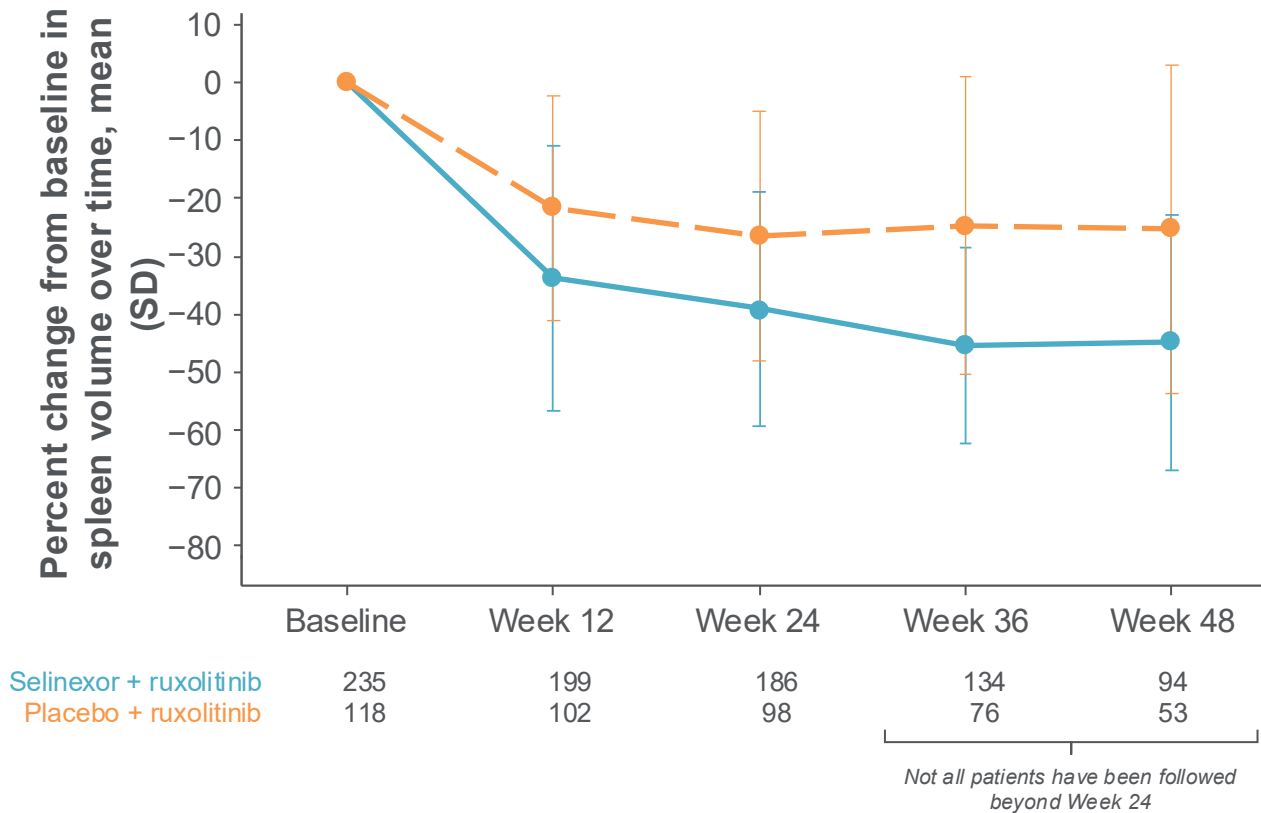
*Cochran-Mantel-Haenszel test stratified by randomization factors.

Placebo arm scaled 2:1 to compensate for randomization ratio.

CI: confidence interval; OR: odds ratio; SD: standard deviation; SVR35: spleen volume reduction of at least 35% from baseline.

Rapid, deep, and sustained spleen volume reduction with selinexor + ruxolitinib vs ruxolitinib alone

Percent change from baseline in spleen volume over time



SVR35 rates over time

SVR35*	Selinexor + ruxolitinib (N = 235)	Placebo + ruxolitinib (N = 118)
Week 12, n (%)	116 (49.4)	24 (20.3)
Week 24, n (%)	117 (49.8)	33 (28.0)
Week 36, n/n [†] (%)	97/207 (46.9)	23/100 (23.0)
At any time, n (%)	159 (67.7)	53 (44.9)
OR 2.59 (95% CI: 1.64, 4.10) Nominal P < 0.0001		

Data cut off: February 20, 2026.

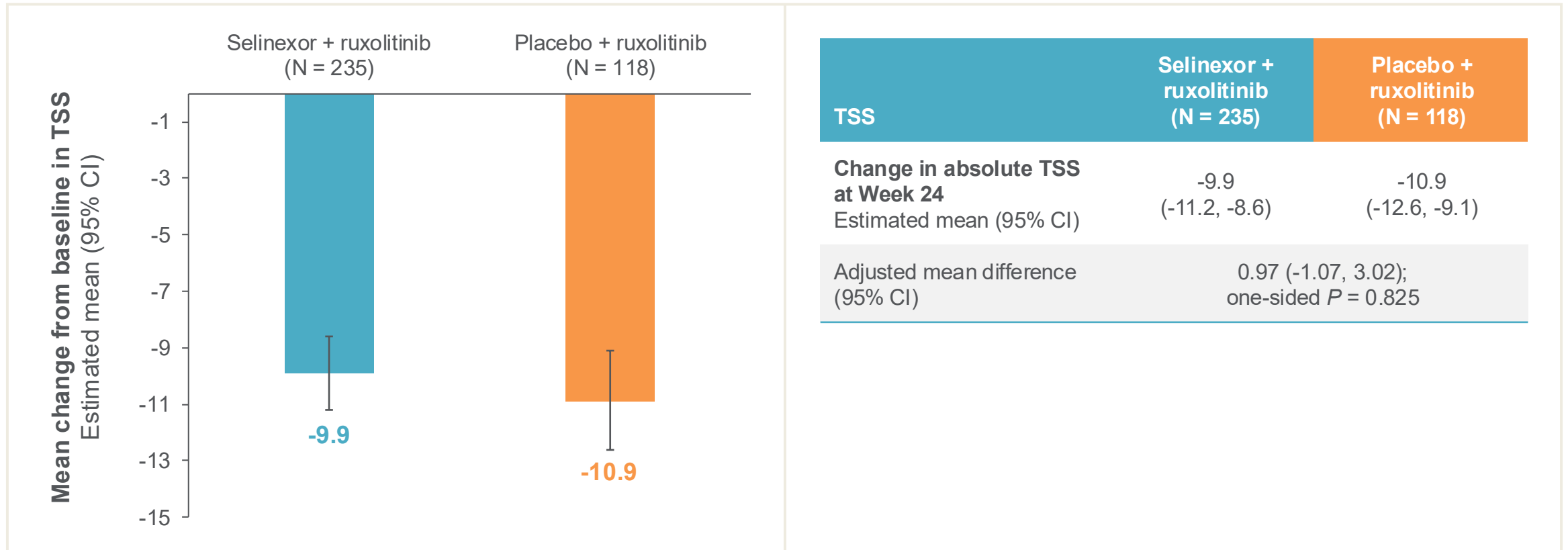
*SVR35 at any time defined as proportion of patients with SVR35 to any post-baseline assessment regardless of visit window before any new anti-MF therapy or disease progression.

[†]n1 = number of patients who completed spleen assessment or discontinued the study prior to the specific time point.

CI: confidence interval; MF: myelofibrosis; OR: odds ratio; SD: standard deviation; SVR35: spleen volume reduction of at least 35% from baseline.

No difference in AbsTSS between treatment arms at Week 24

Both arms demonstrated similar improvement in symptoms



Reductions in TSS were consistent across symptom domains

Data cut off: February 20, 2026.

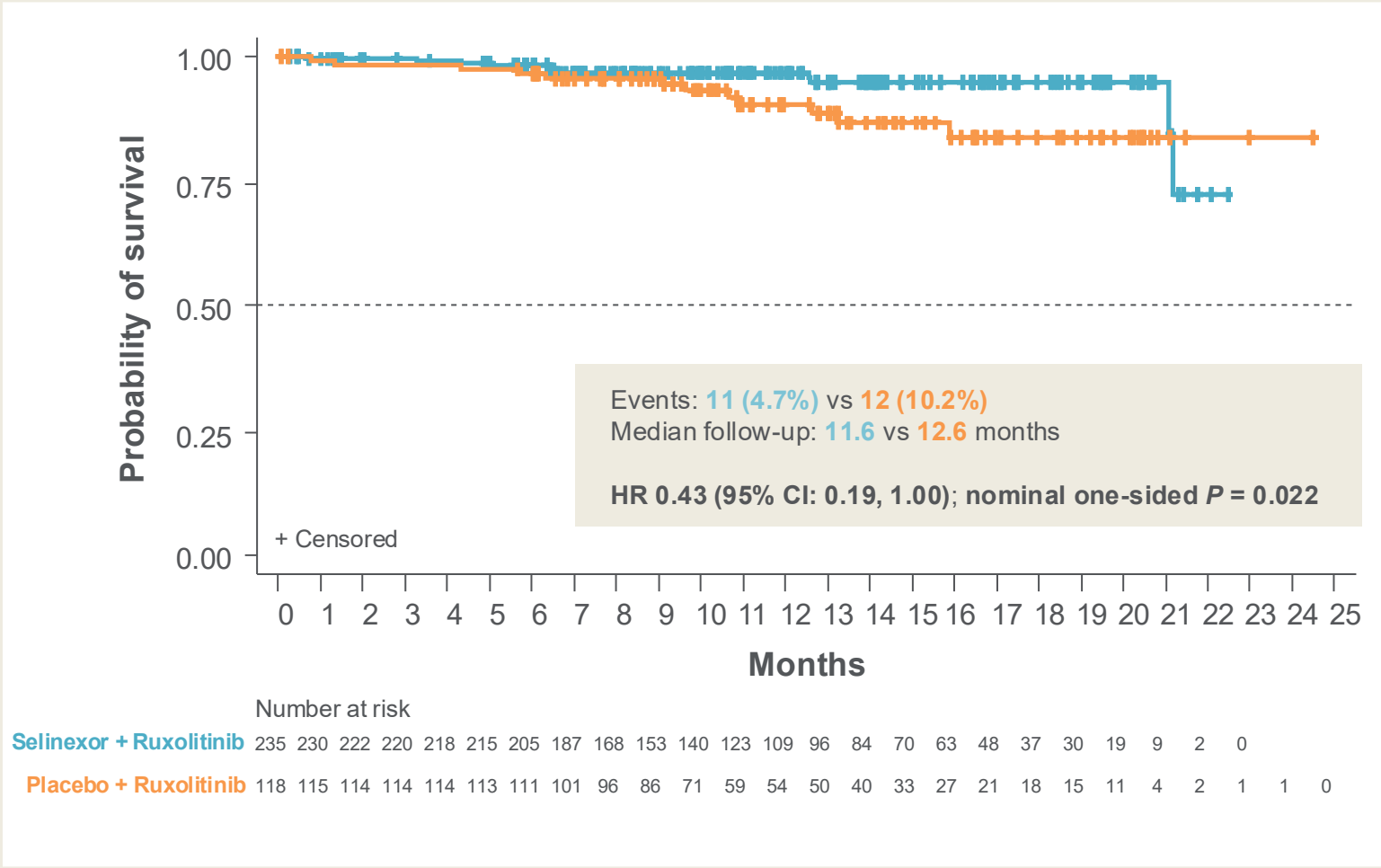
Adjusted absolute mean change from baseline, adjusted mean difference, 95% CI, and one-sided P-value are based on mixed-effects model for repeated measures adjusted for randomization stratification factors and baseline TSS.

AbsTSS; absolute total symptom score; CI: confidence interval; TSS: total symptom score.

Presented by: John Mascarenhas, MD

ASCO 2026; Abstract LBA6500.

Meaningful overall survival with selinexor + ruxolitinib vs ruxolitinib alone

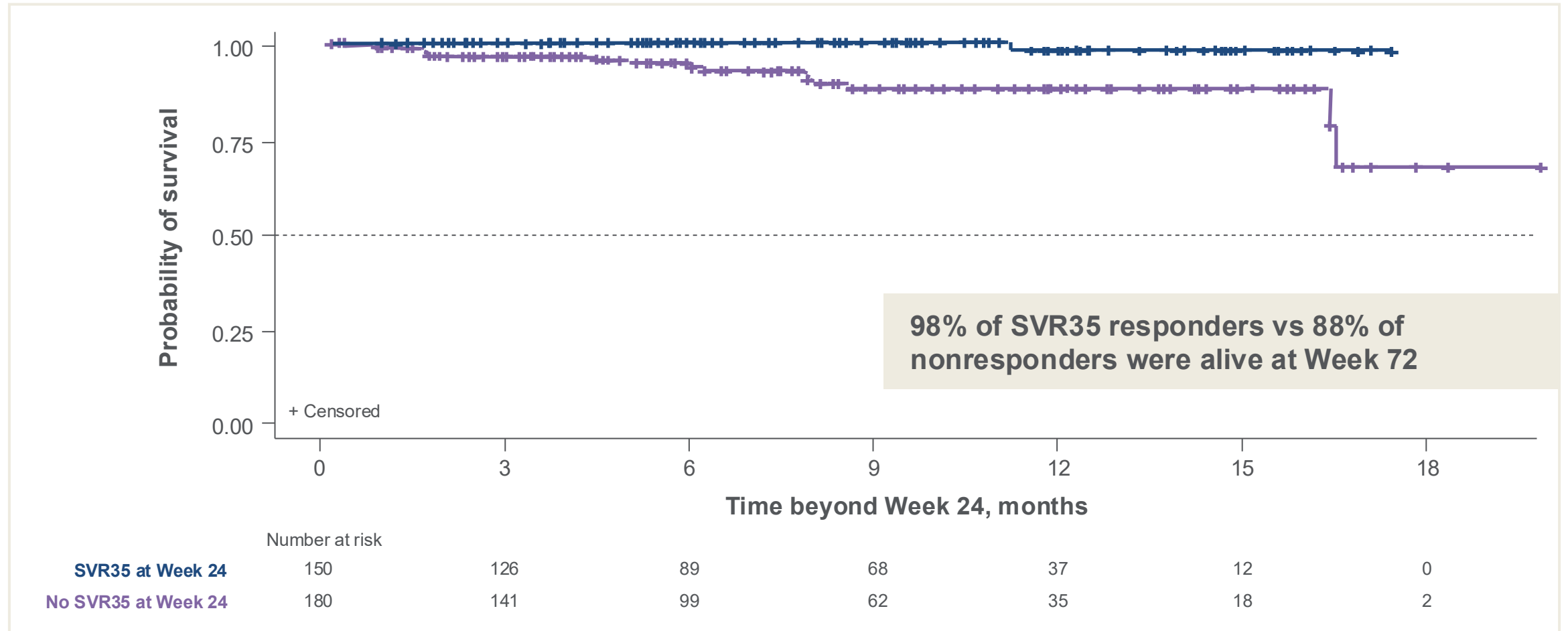


Deaths	Selinexor + ruxolitinib (N = 235)	Placebo + ruxolitinib (N = 118)
Primary cause of death, n (%)		
Disease progression	3 (1.3)	3 (2.5)
Adverse event	3 (1.3)	5 (4.2)
Other	5 (2.1)	1 (0.8)
Unknown	0	3 (2.5)

Data cut off: February 20, 2026.
 OS is defined as the duration from date of randomization to date of death due to any cause. Follow-up time based on reverse Kaplan-Meier method by swapping the censoring status. OS analysis stratified by the randomization stratification factors. Hazard ratio based on Cox Proportional Hazard model with Efron's method of handling ties.
 CI: confidence interval; HR: hazard ratio; OS: overall survival.

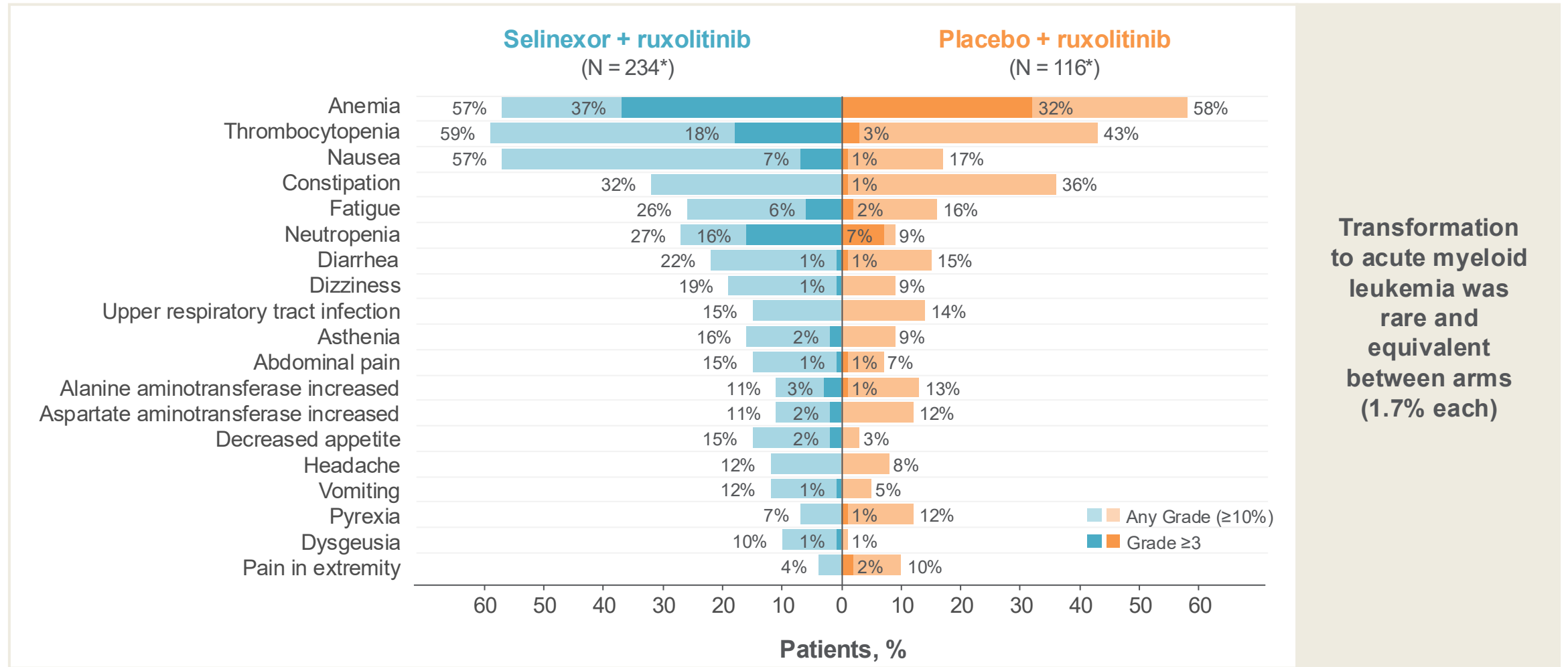
SVR35 at Week 24 predicted overall survival irrespective of treatment

Landmark analysis at Week 24



Data cut off: February 20, 2026.
SVR35: spleen volume reduction of at least 35% from baseline.

Treatment-emergent adverse events



Transformation to acute myeloid leukemia was rare and equivalent between arms (1.7% each)

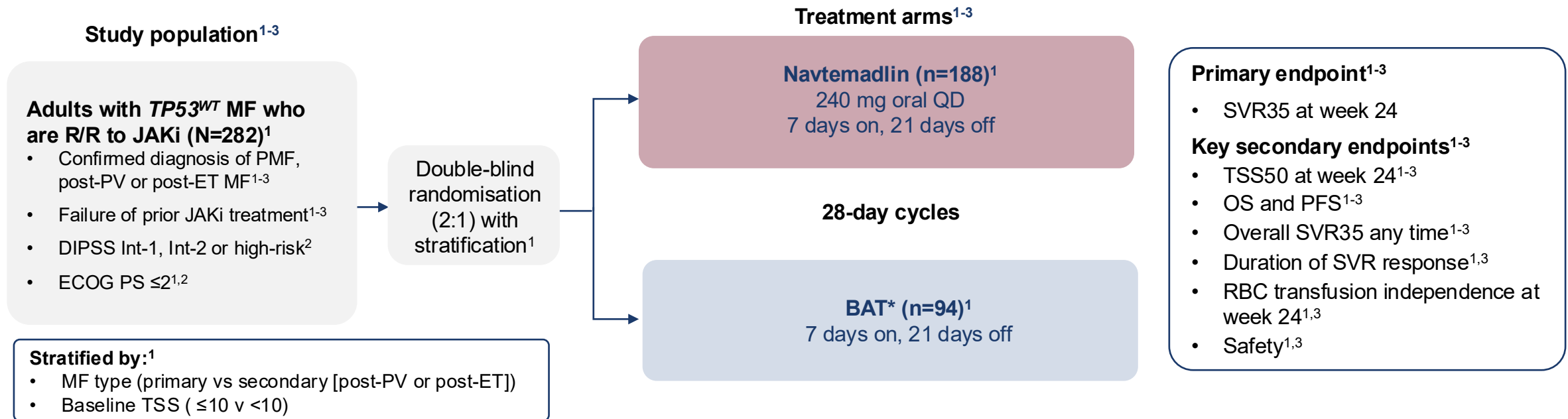
% of selinexor + ruxolitinib patients who experienced nausea drops from 35% at Wks 1-4 to 5% at Wks 21-24

Data cut off: February 20, 2026.

*Three patients total did not receive treatment (n = 1, selinexor; n = 2, placebo) and were excluded from this analysis.

Phase 3 BOREAS study evaluates navtemadlin vs BAT* in patients with R/R MF

Randomised, controlled, open-label study to assess the efficacy and safety of navtemadlin vs BAT^{1,2}



*BAT includes monotherapy or combinations: hydroxyurea, chemotherapy, and supportive care; JAKi were excluded.¹⁻³

BAT, best available treatment; DIPSS, Dynamic International Prognostic Scoring System; ECOG PS, Eastern Cooperative Oncology Group performance status; ET, essential thrombocythaemia; Int, intermediate; JAK, Janus kinase; JAKi, Janus kinase inhibitor; MF, myelofibrosis; OS, overall survival; PFS, progression-free survival; PV, polycythaemia vera; QD, once daily; RBC, red blood cell; R/R, relapsed/refractory; SVR, spleen volume reduction; SVR35, $\geq 35\%$ reduction in spleen volume from baseline; TP53, tumour protein 53; TSS, total symptom score; TSS50, $\geq 50\%$ reduction in total symptom score; WT, wild type.

1. Verstovsek S, et al. *Future Oncol* 2022;18:4059-4069; 2. Clinicaltrials.gov. NCT03662126. Available at: <https://clinicaltrials.gov/study/NCT03662126>. Accessed April 2026;

3. Mascarenhas JO, et al. *Blood* 2024;144:1000.

Navtemadlin monotherapy led to a greater spleen response compared with BAT* at week 24 in BOREAS

Phase 3 BOREAS study primary endpoint

Spleen response at week 24 (ITT population)

Response	Navtemadlin (n=123)	BAT* (n=60)
Patients achieving SVR35, no (%)	18 (15)	3 (5)

Navtemadlin being tested in the on-going POEISIS trial

*BAT entails monotherapy or combinations: hydroxyurea, chemotherapy, and supportive care; JAKi were excluded. BAT, best available treatment; ITT, intent-to-treat; MF, myelofibrosis; SVR35, $\geq 35\%$ reduction in spleen volume from baseline. Mascarenhas J et al. Oral presented at: ASH Annual Meeting & Exposition; December 7-10, 2024; San Diego, CA. Oral 1000

Emerging therapies and combinations are shaping the future of MF treatment



Early intervention may improve clinical outcomes, including survival; however, some patients may still experience inadequate response



Combination strategies with JAKi and emerging agents such as pelabresib, imetelstat, luspatercept, navtemadlin and selinexor are being explored in Phase 3 studies



Mutation targeted therapies are also of great interest in the management of MF

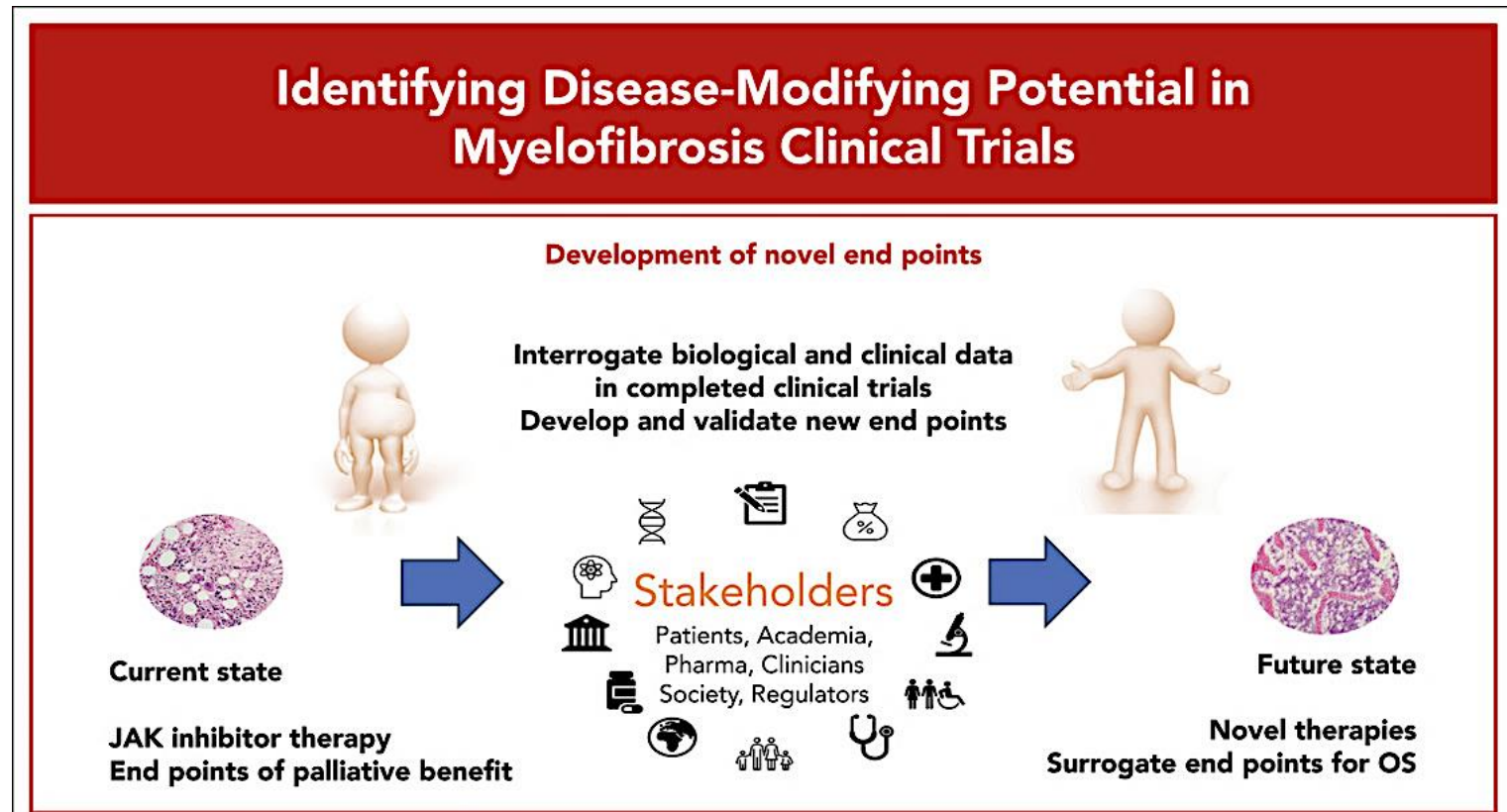
Emerging Therapies



Endpoints

- Overall Survival
- Progression
- Molecular
- Biological
- Treatment independence
- Symptoms

.....Require redefinition



What is your threshold for recommending a change in treatment for patients with MF receiving first-line ruxolitinib or fedratinib?



Prof Harrison

Lack of response or progression



Dr Rampal

Lack of any spleen response



Dr Bose

Usually a multifactorial decision taking into account cytopenias, spleen, symptoms, any transfusion requirements



Dr Kuykendall

If persistent symptoms/splenomegaly at optimal doses, I would consider clinical trials



Dr Mascarenhas

PLT <50-75K, new transfusion dependence that persists after initial 3 months of therapy, enlarging spleen, return of symptoms or TKI-specific toxicity



Dr Yacoub

The patient should have true disease progression and complete loss of benefit

PLT = platelet count; TKI = tyrosine kinase inhibitor

An 80-year-old patient receiving ruxolitinib 15 mg BID for intermediate-risk MF for 10 months is found to have increasing asymptomatic splenomegaly, a platelet count of 150,000/ μ L and Hgb of 13.8 g/dL. Regulatory and reimbursement issues aside, what would you most likely recommend?



Prof Harrison

Continue ruxolitinib and add luspatercept



Dr Rampal

Continue ruxolitinib at a higher dose



Dr Bose

Switch to momelotinib



Dr Kuykendall

Continue ruxolitinib and add luspatercept



Dr Mascarenhas

Continue ruxolitinib and add luspatercept



Dr Yacoub

Continue ruxolitinib at a higher dose

Hgb = hemoglobin

An 80-year-old patient has been receiving ruxolitinib 15 mg BID for intermediate-risk MF for 2 years, and his Hgb has dropped from a baseline of 10.0 g/dL to 7.0 g/dL. Spleen volume and symptoms remain well controlled. Regulatory and reimbursement issues aside, what would you most likely recommend?



Prof Harrison

Continue ruxolitinib at a higher dose



Dr Rampal

Continue ruxolitinib and add luspatercept



Dr Bose

Switch to fedratinib



Dr Kuykendall

Continue ruxolitinib at a higher dose



**Dr
Mascarenhas**

Continue ruxolitinib at a higher dose



Dr Yacoub

Continue ruxolitinib and add luspatercept

By what increments and over what period of time do you decrease the dose of ruxolitinib for a patient you are tapering off therapy?



Prof Harrison

5 mg every 3 to 4 days



Dr Rampal

1 to 2 weeks by 10 mg a week



Dr Bose

Usually by 5 mg BID every 2 weeks



Dr Kuykendall

Ideally by 5 mg BID increments



Dr Mascarenhas

Typically by 5 to 10 mg daily for 2 to 3 days each drop



Dr Yacoub

**If 10 mg BID or less would stop with no taper,
15 mg BID or higher, drop the dose to 10 mg**

Are there any scenarios in which you feel it is appropriate to discontinue therapy with ruxolitinib without tapering and, if so, which ones?



Prof Harrison

No



Dr Rampal

Yes, if patient is receiving low-dose ruxolitinib (5 mg BID)



Dr Bose

Only when switching to momelotinib



Dr Kuykendall

If patient is on 5 mg BID OR has recently started treatment and is experiencing nonhematologic intolerance



Dr Mascarenhas







At low doses if patient has developed an evolving serious infectious complication but rarely do I stop abruptly if I can avoid it



Dr Yacoub

Yes, if 10 mg BID or lower, would not taper

Based on currently available evidence, do you believe the results from the Phase III SENTRY trial will support the clinical use of or the FDA approval of selinexor in combination with ruxolitinib as first-line treatment for MF?

	Clinical use of selinexor/ruxolitinib	FDA approval of selinexor/ruxolitinib
 Prof Harrison	Yes	Yes
 Dr Rampal	Yes	No
 Dr Bose	Yes	Unsure
 Dr Kuykendall	No	No
 Dr Mascarenhas	Yes	Yes
 Dr Yacoub	No	No

Based on currently available evidence, would you like to have access to selinexor today for any of your patients with MF?



Prof Harrison

Yes



Dr Rampal

No



Dr Bose

Yes, especially for those with resistant splenomegaly



Dr Kuykendall

Yes



Dr Mascarenhas

Yes



Dr Yacoub

No

If selinexor were to become clinically available, for which patients with MF would you prioritize its use?



Prof Harrison

Patients who have int-2/high-risk disease and a large spleen



Dr Rampal

Patients with massive splenomegaly that are planned to go to transplant



Dr Bose

Large spleen, possibly HMR disease, higher blasts



Dr Kuykendall

**Suboptimal response to ruxolitinib as a single agent;
persistent splenomegaly affecting QOL**



**Dr
Mascarenhas**

**Very advanced disease with massive splenomegaly, TP53 mutation,
other high-risk mutations that predict less response to rux alone**



Dr Yacoub

If FDA approved, I will offer it to appropriate patients

How would you characterize the incidence and severity of gastrointestinal side effects among patients with MF receiving selinexor?



Prof Harrison

Common need for prophylaxis supposed to settle over time; manageable with recommended treatment



Dr Rampal

High incidence with variable severity



Dr Bose

The nausea is real but manageable



Dr Kuykendall

Challenging but expected



Dr Mascarenhas

Occurs in 2/3 and most pronounced in the first several cycles, manageable with prophylaxis and diet modifications



Dr Yacoub

Sounds manageable based on available data

What premedication(s), if any, would you generally recommend for a patient who is about to begin treatment with selinexor?



Prof Harrison

Dual antiemetics



Dr Rampal

At least one antiemetic and one antidiarrheal



Dr Bose

Dual antiemetics



Dr Kuykendall

Likely ondansetron with PRN prochlorperazine with consideration of olanzapine if that was not effective



Dr Mascarenhas

Ondansetron and dexamethasone



Dr Yacoub

Dual antiemetics

Agenda

Management of Myelofibrosis (MF)

Introduction: The Biopathophysiology of MF

Module 1: Current and Future Clinical Decision-Making in the Absence of Severe Cytopenias — Prof Harrison

Module 2: Managing MF for Patients with Anemia and Thrombocytopenia — Dr Rampal

Module 3: Upcoming at EHA 2026

Management of Anemic and Thrombocytopenic Myelofibrosis Patients

Raajit K. Rampal M.D. Ph.D.

Director, MPN and Rare Hematologic Malignancy Program

Director, Center for Hematologic Malignancies



Memorial Sloan Kettering
Cancer Center

Cytopenic Myelofibrosis

76 yo M presents with fatigue, weight loss, and abdominal fullness

- Exam: Splenomegaly (12 cm below costal margin)
- **CBC: WBC 3.3k (1% blasts), Hb 7.5 g/dL, platelets 44k**
- Bone marrow biopsy: 90% cellular marrow with myeloid expansion, dysplastic megakaryocytes in clusters, and MF-3 fibrosis with 5% myeloid blasts
- Cytogenetics: Normal Karyotype
- Myeloid NGS panel: JAK2 V617F+, ASXL1mut+

Diagnosis: Primary Myelofibrosis, Cytopenic subtype

Risk Stratification: DIPSS+ High Risk, MIPSS70+v2.0 Very High Risk

How can we manage cytopenic MF ?

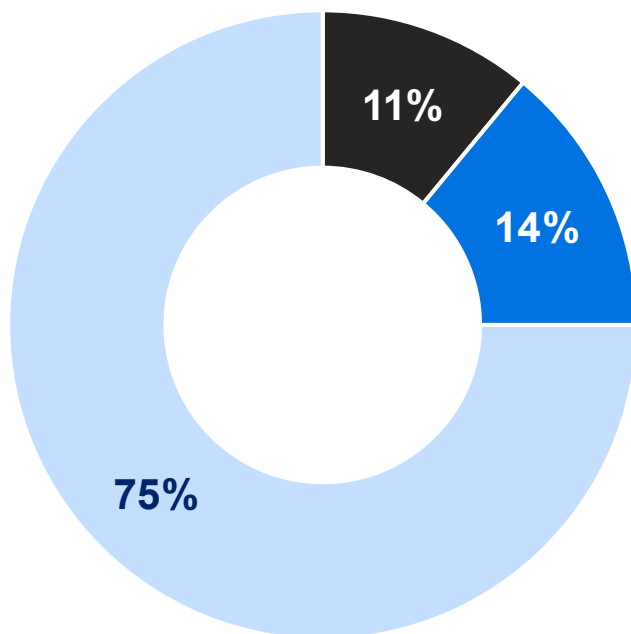
Thrombocytopenia *Incidence and Prevalence*

The **incidence** of thrombocytopenia (PLT < 100 × 10⁹/L) is approximately **25%** in patients newly diagnosed with MF^[1]

The **prevalence** of thrombocytopenia (PLT < 100 × 10⁹/L) is approximately **68%** in all patients diagnosed with MF^[2]

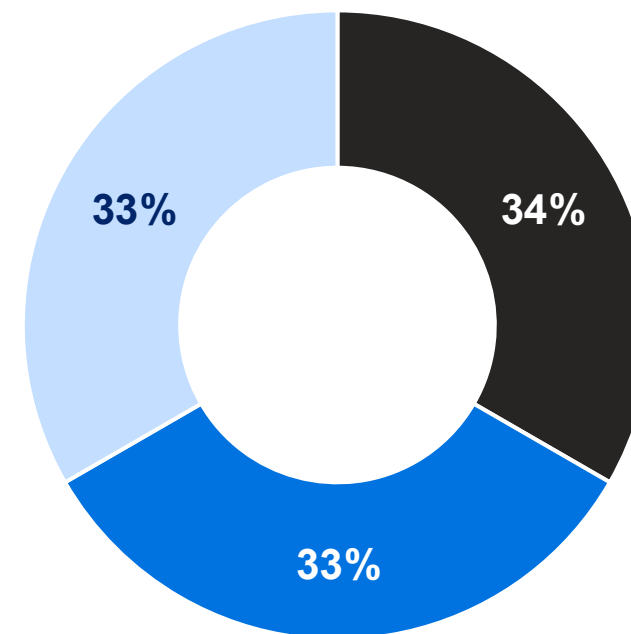
PLT Count

- <50K
- 50-100K
- 100K+



PLT Count

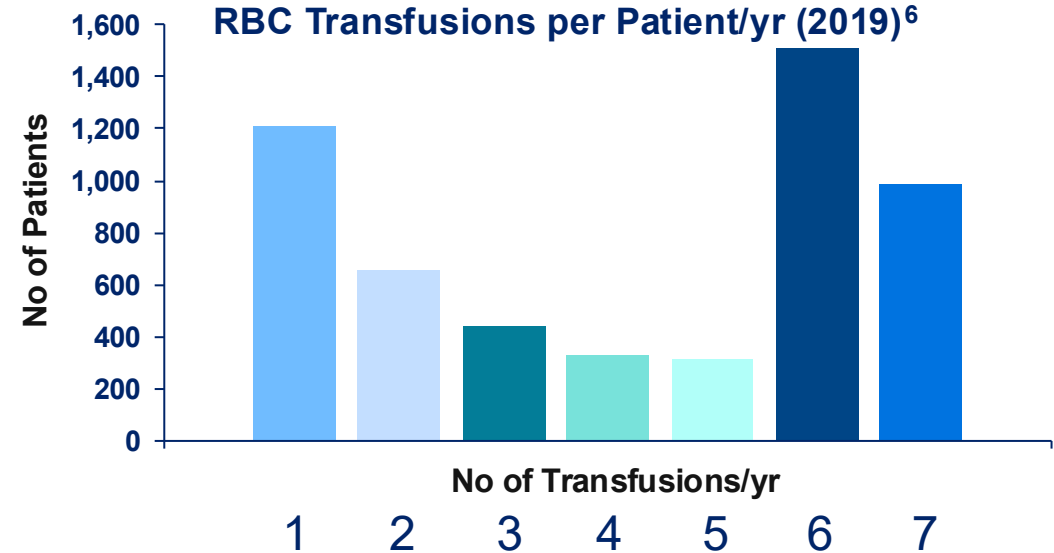
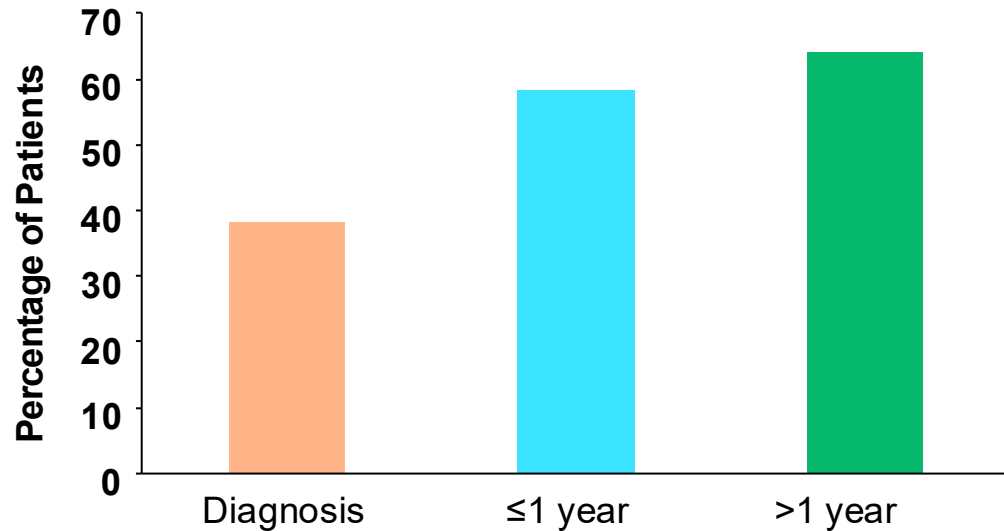
- <50K
- 50-100K
- 100K+



Anemia In Myelofibrosis

- Anemia presents in 35% to 54% of patients at diagnosis¹
- ~50% of patients with MF require ≥ 6 RBC transfusions/year
- Independent prognostic risk factor for leukemic transformation^{2,3}
- Up to 46% of patients become dependent on RBC transfusions within 1 year of diagnosis^{4,5}

Proportion of Patients With Anemia



JAKi, JAK inhibitor; RBC, red blood cell.

1. Tefferi A, et al. *Blood*. 2013;122:1395-1398; 2. Rago A, et al. *Leuk Res*. 2015;3:314-317; 3. Curto-Garcia N, et al. *Future Oncol*. 2018;14:137-150;

4. Harrison CN, et al. *Leukemia*. 2016;30:1701-1707; 5. Tefferi A, et al. *Mayo Clin Proc*. 2012;87:25-33.

Dynamic International Prognostic Scoring System (DIPSS): Survival by risk group

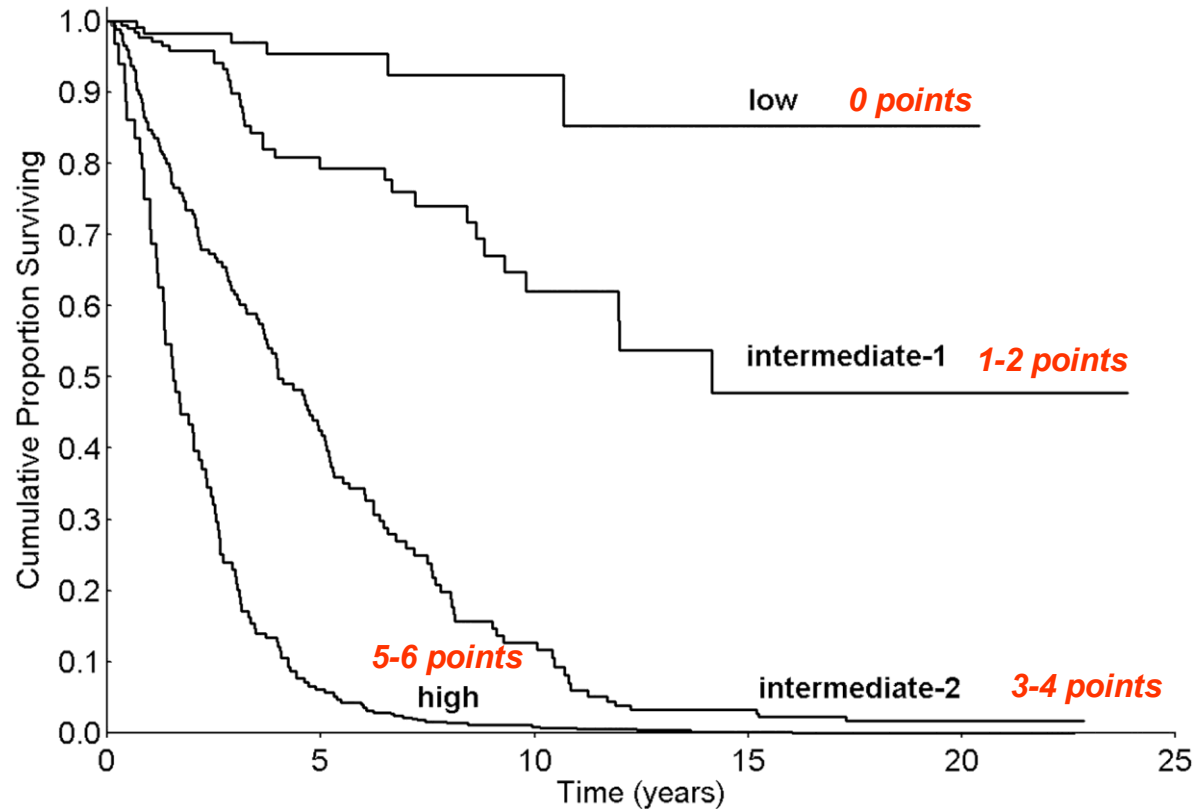


Table 3. DIPSS for survival in primary myelofibrosis

Prognostic variable	Value		
	0	1	2
Age, y	≤ 65	> 65	
White blood cell count, ×10 ⁹ /L	≤ 25	> 25	
Hemoglobin, g/dL	≥ 10		< 10
Peripheral blood blast, %	< 1	≥ 1	
Constitutional symptoms, Y/N	N	Y	

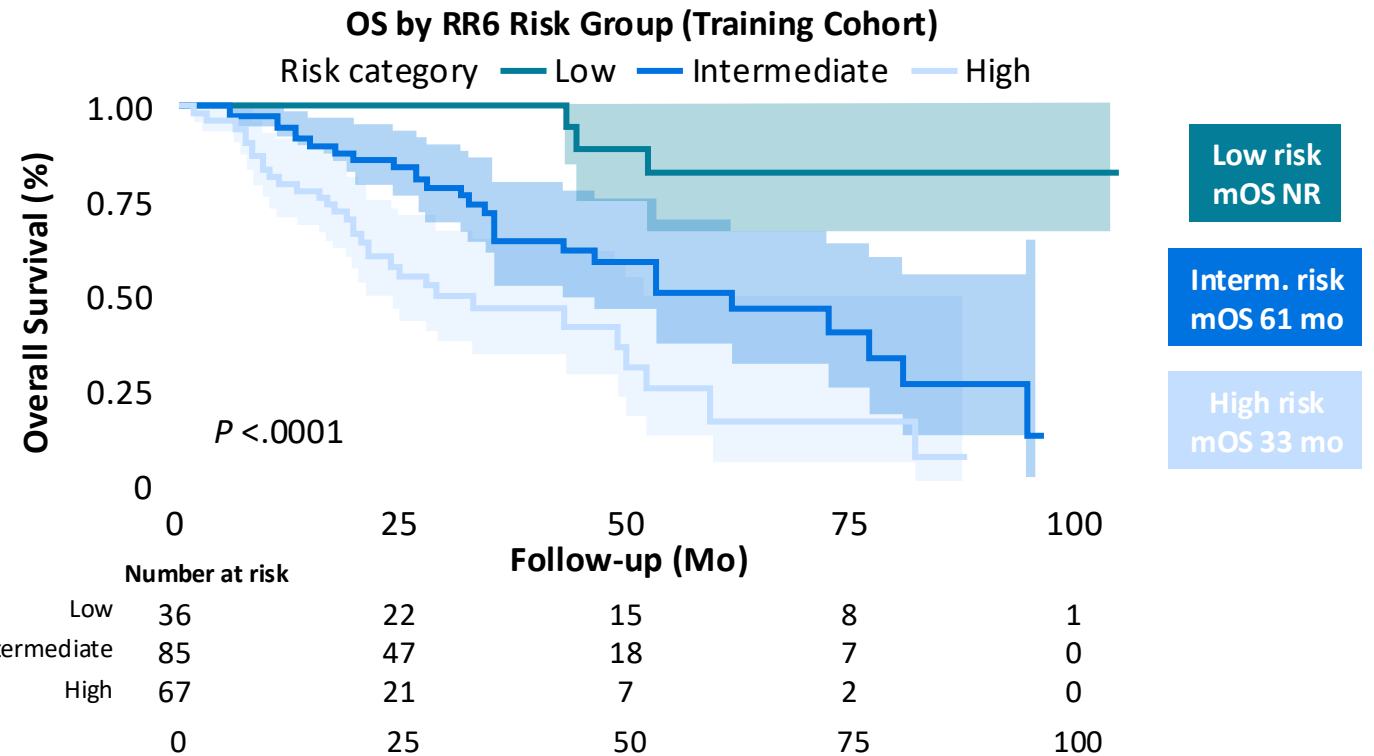
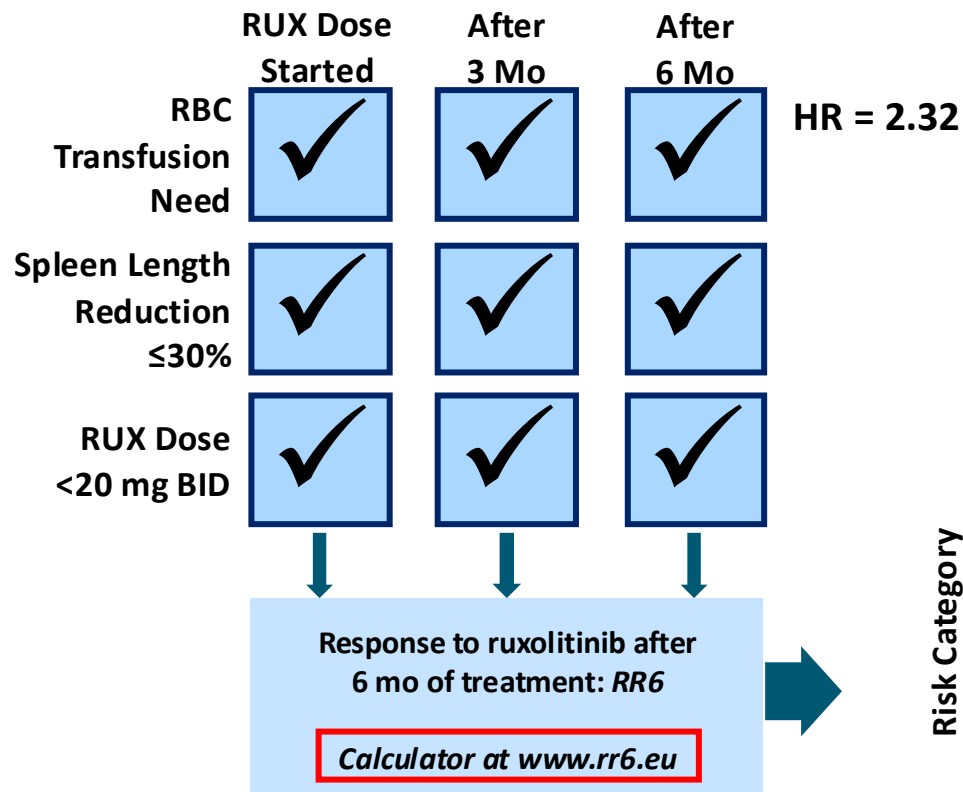
The risk category is obtained adding up the values of each prognostic variable. Risk categories are defined as low: 0; intermediate-1: 1 or 2; intermediate-2: 3 or 4; and high: 5 or 6.

DIPSS indicates Dynamic International Prognostic Scoring System.

- Dynamic International Prognostic Scoring System-PLUS (DIPSS-PLUS): Takes into account transfusion requirements, platelet count, and karyotype (Gangat et al. JCO 2011)

RR6: 3 Factors Predict Survival Benefit With Ruxolitinib in Patients With MF

Assessment of potential predictors of survival in patients with intermediate-1 risk or higher MF who had been treated with ruxolitinib for ≥ 6 mo in an observational study

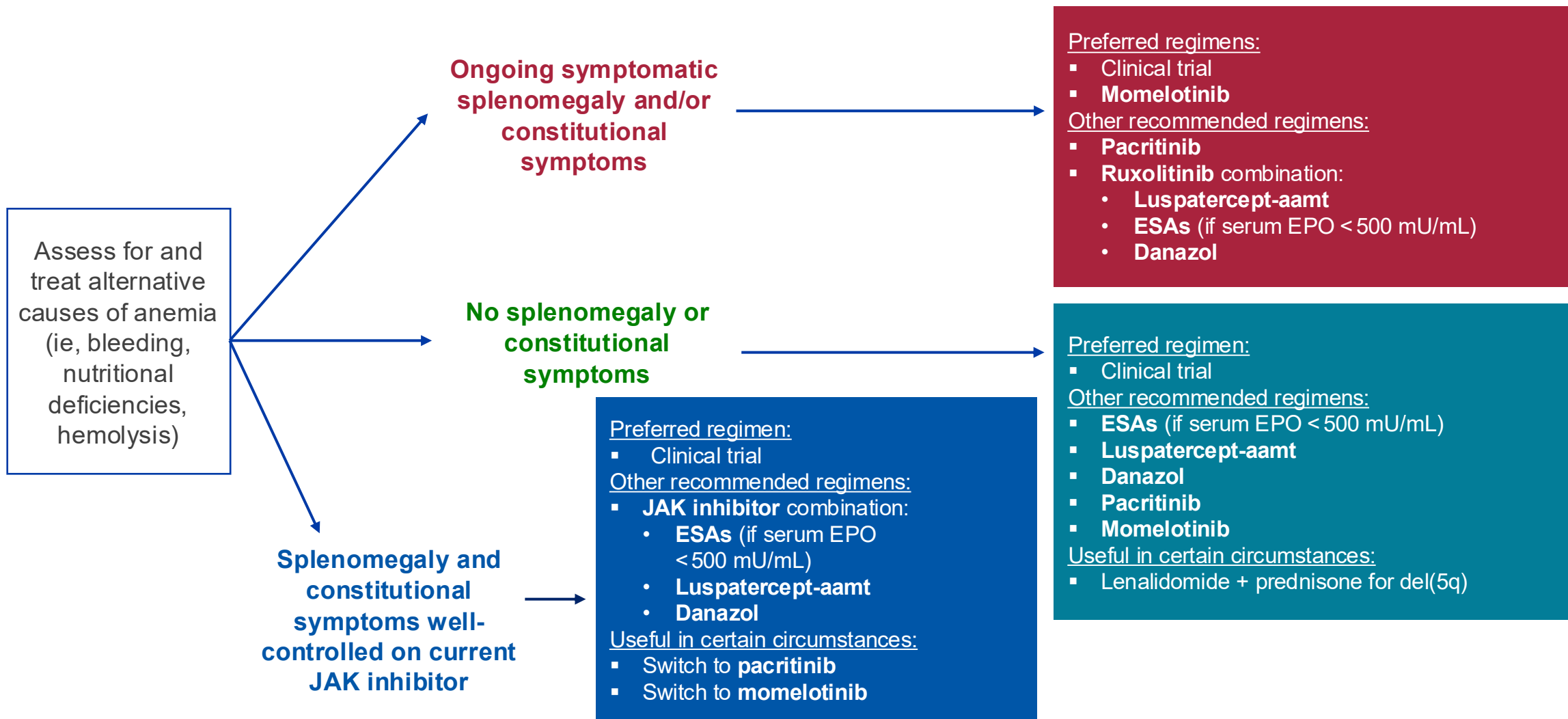


- The RR6 model was validated in another cohort of patients ($n = 40$; $P = .0276$) treated with ruxolitinib at Moffitt Cancer Center

Treatment Approaches to Myelofibrosis

Clinical Issue	Treatments	
Anemia	<ul style="list-style-type: none"> ▪ ESAs ▪ Danazol ▪ Corticosteroids 	<ul style="list-style-type: none"> ▪ Thalidomide, lenalidomide (IMiDs)
Symptomatic splenomegaly	<ul style="list-style-type: none"> ▪ Ruxolitinib ▪ Fedratinib ▪ Pacritinib ▪ Momelotinib ▪ Hydroxyurea 	<ul style="list-style-type: none"> ▪ Cladribine, IMiDs ▪ Splenectomy ▪ HMAs
Constitutional symptoms/QoL	<ul style="list-style-type: none"> ▪ Ruxolitinib ▪ Fedratinib ▪ Pacritinib ▪ Corticosteroids 	
Thrombocytopenia	<ul style="list-style-type: none"> ▪ Thalidomide, danazol 	

NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines[®]): *Management of MF-Associated Anemia*¹



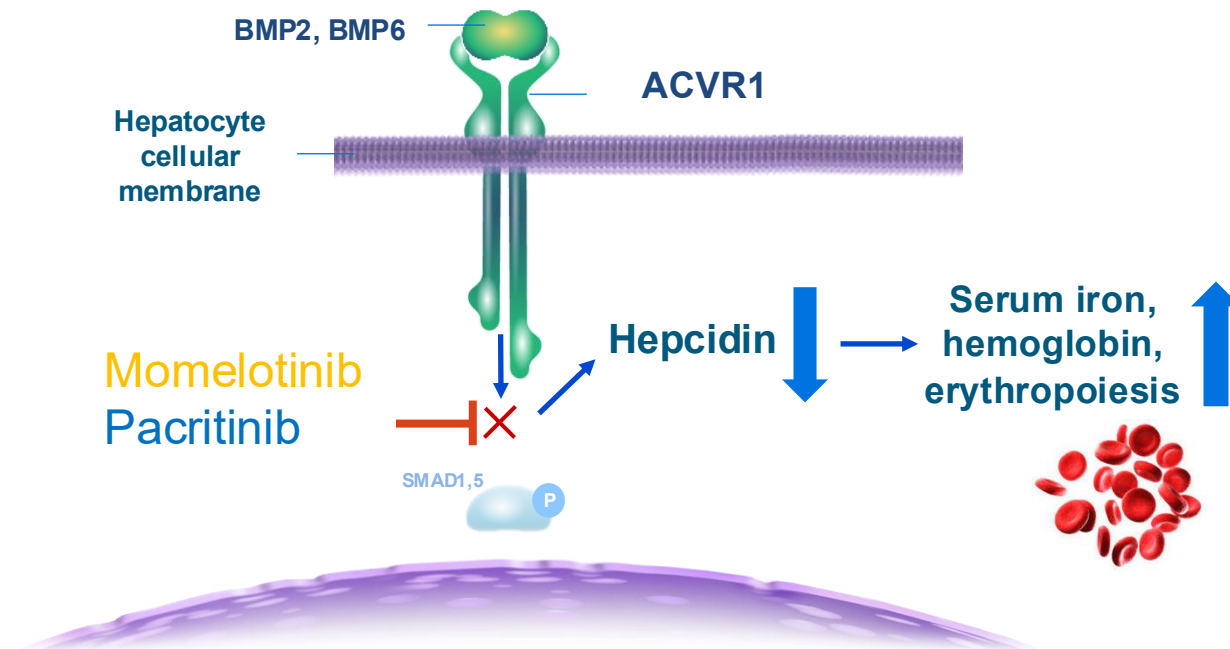
del, deletion; EPO, erythropoietin; ESA, erythropoiesis-stimulating agent; JAK, Janus kinase.

Adapted with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines[®]) for Myeloproliferative Neoplasms. V.2.2025. © 2025

Current JAK Inhibitor Landscape

JAKi	Ruxolitinib	Fedratinib	Pacritinib	Momelotinib
Targets	JAK1, JAK2	JAK2, JAK1 (less), FLT3, TYK2, many others	JAK2, IRAK1, FLT3, ACVR1	JAK1, JAK2, ACVR1
Indication	Intermed or high-risk MF with platelets $\geq 50k$	Intermed-2 or high-risk MF with platelets $\geq 50k$	Intermed or high-risk MF with platelets $< 50k$	Approved for MF patients with Anemia
Clinical practice points	Hematologic toxicities	Hematologic toxicities GI toxicities Monitor thiamine	Less cytopenia-inducing GI toxicities Monitor QTc Monitor for bleeding	Less cytopenia-inducing Rare peripheral neuropathy

Momelotinib and Pacritinib Inhibit ACVR1



Chronic inflammation also drives hyperactivation of **ACVR1**, elevated **hepcidin**, dysregulated iron metabolism, and **anemia** of MF^{3,4}

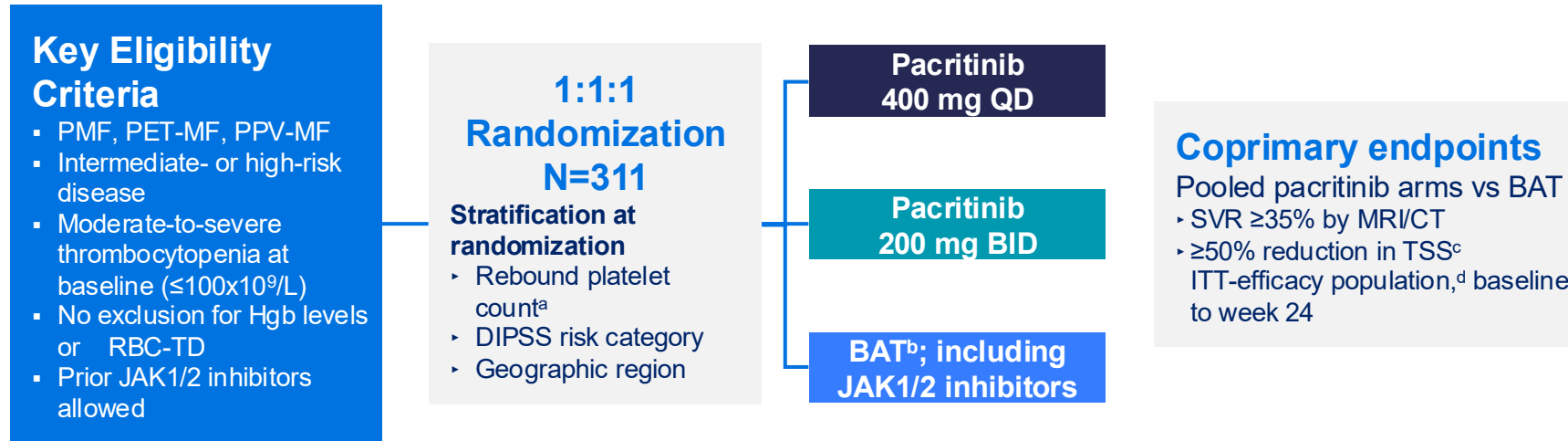
ACVR1, activin A receptor type 1; BMP, bone morphogenetic protein; EPOR, erythropoietin receptor; JAK, Janus kinase; MF, myelofibrosis; MPL, myeloproliferative leukemia protein; SMAD1/5, mothers against decapentaplegic homolog 1/5; STAT, signal transducer and activator of transcription.

1. Chifotides HT, et al. *J Hematol Oncol*. 2022;15(1):7. 2. Verstovsek S, et al. *Future Oncol*. 2021;17(12):1449-1458. 3. Asshoff M, et al. *Blood*. 2017;129(13):1823-1830. 4. Oh ST, et al. *Blood Adv*. 2020;4(18):4282-4291.

Pacritinib: Phase 3 Trial PERSIST-2

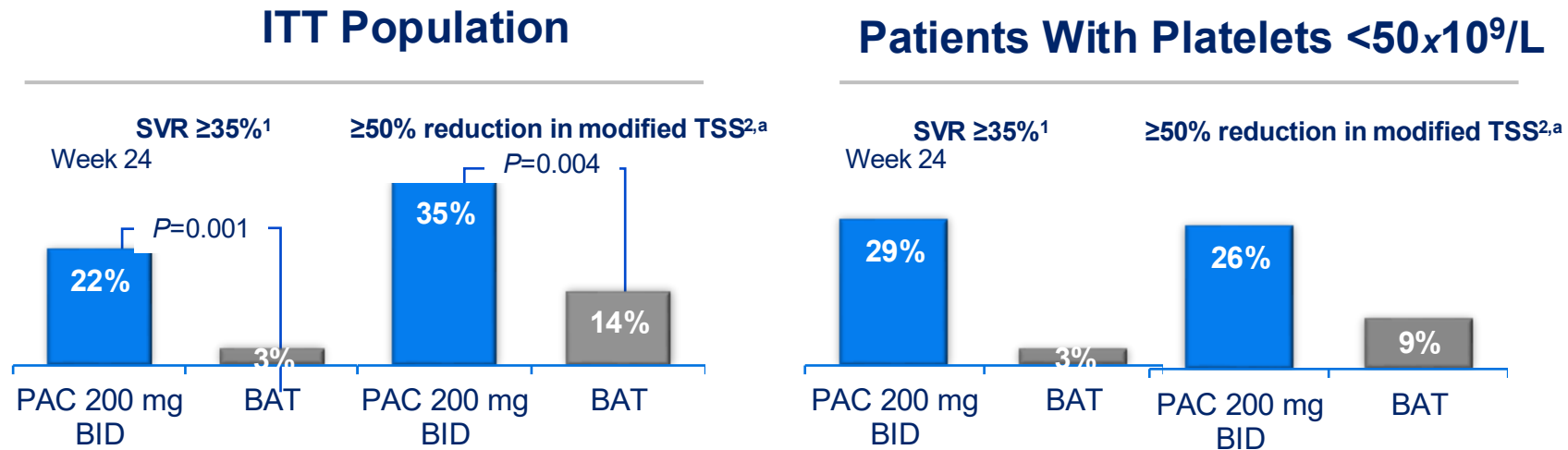
Pacritinib 400 mg QD or 200 mg BID vs BAT (Including JAK1/2 Inhibitors) in MF¹

- In this phase 3 trial, 200 mg BID was also tested for potentially improved tolerability, given PK modeling data demonstrating increased daily systemic exposure with lower maximum concentration vs 400 mg QD²



~40% of patients had baseline PLT < 50K

PERSIST-2: Spleen/Symptom Response



- The proportions of patients with much improved or very much improved scores were 57% with pacritinib 200 mg BID versus 28% with BAT

^a Excludes individual symptom score for tiredness from MPN-SAF TSS v2.0; utilized in pivotal trials for other JAK inhibitors.

BAT, best available therapy; BID, twice daily; ITT, intention-to-treat; MPN-SAF, myeloproliferative symptom assessment form; PAC, pacritinib; SVR, spleen volume reduction; TSS, total symptom score.

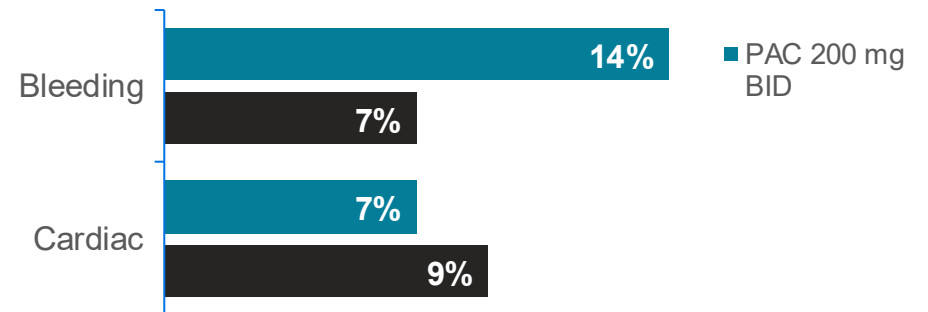
1. Mascarenhas J, et al. *JAMA Oncol.* 2018;4:652-659. 2. Data on File. CTI Biopharma Corp. Pacritinib Clinical Overview.

Adverse Events

Adverse Reactions	PAC 200 mg BID (n=106)	BAT (n=98)
Any-grade AEs in >15% of patients in either arm, %		
Diarrhea	48	15
Thrombocytopenia	34	24
Nausea	32	11
Anemia	24	15
Peripheral edema	20	15
Vomiting	19	5
Fatigue	17	16
Grade ≥3 AEs in >5% of patients in either arm, %		
Thrombocytopenia	32	18
Anemia	22	14
Neutropenia	7	5
Pneumonia	7	3
Serious AEs in >3% of patients in either arm, %		
Anemia	8	3
Thrombocytopenia	6	2
Pneumonia	6	4
Congestive heart failure	4	2

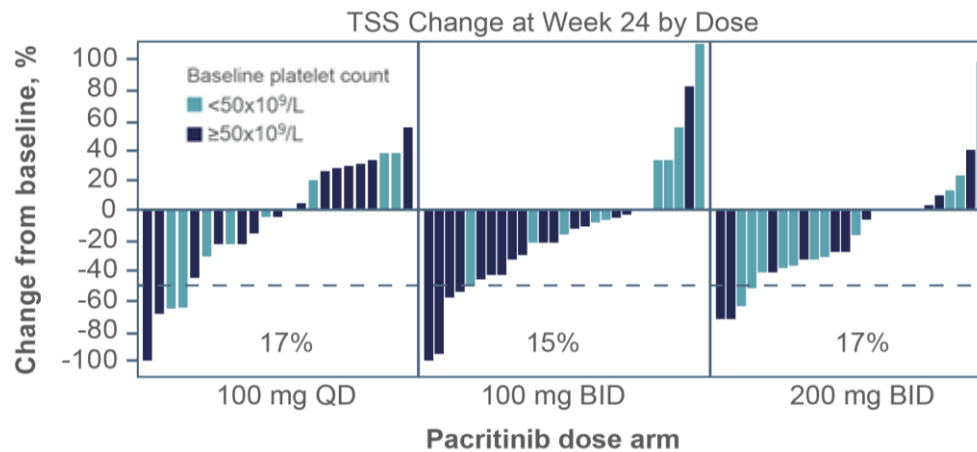
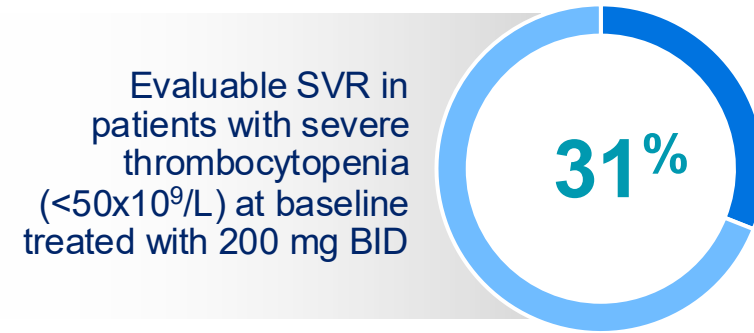
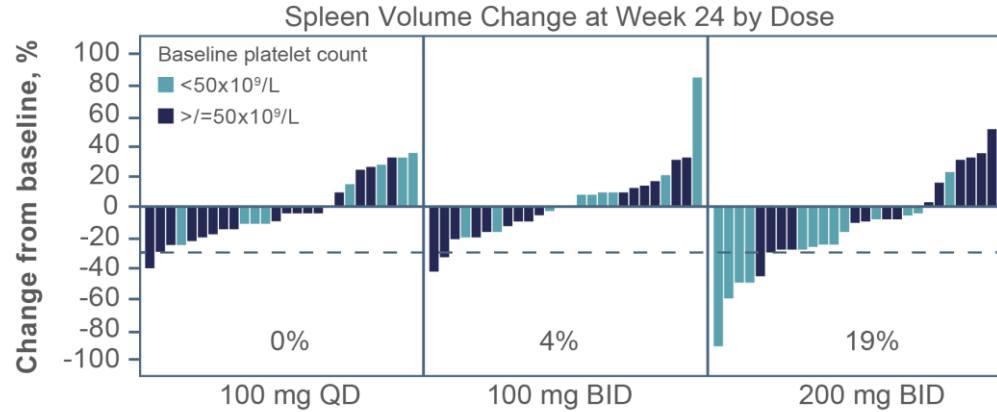
- Diarrhea with pacritinib most often occurred during weeks 1-8, was manageable, and resolved within 1-2 weeks
- Neurological AEs and opportunistic infections rarely reported with pacritinib

Grade ≥3 Events (Pooled^a)

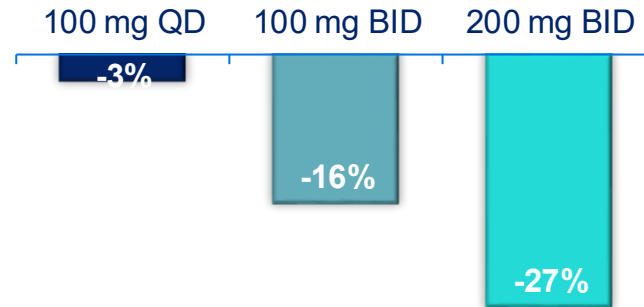


- Safety outcomes with pacritinib were similar for those with $<50 \times 10^9/L$ vs $50-100 \times 10^9/L$ platelets at baseline

PAC203: Spleen and Symptom Response Across Doses (Evaluable Population, Week 24)



TSS analyzed as a continuous variable:
Deeper reductions with 200 mg BID



Transfusion Independence (TI): Analysis of PERSIST-2

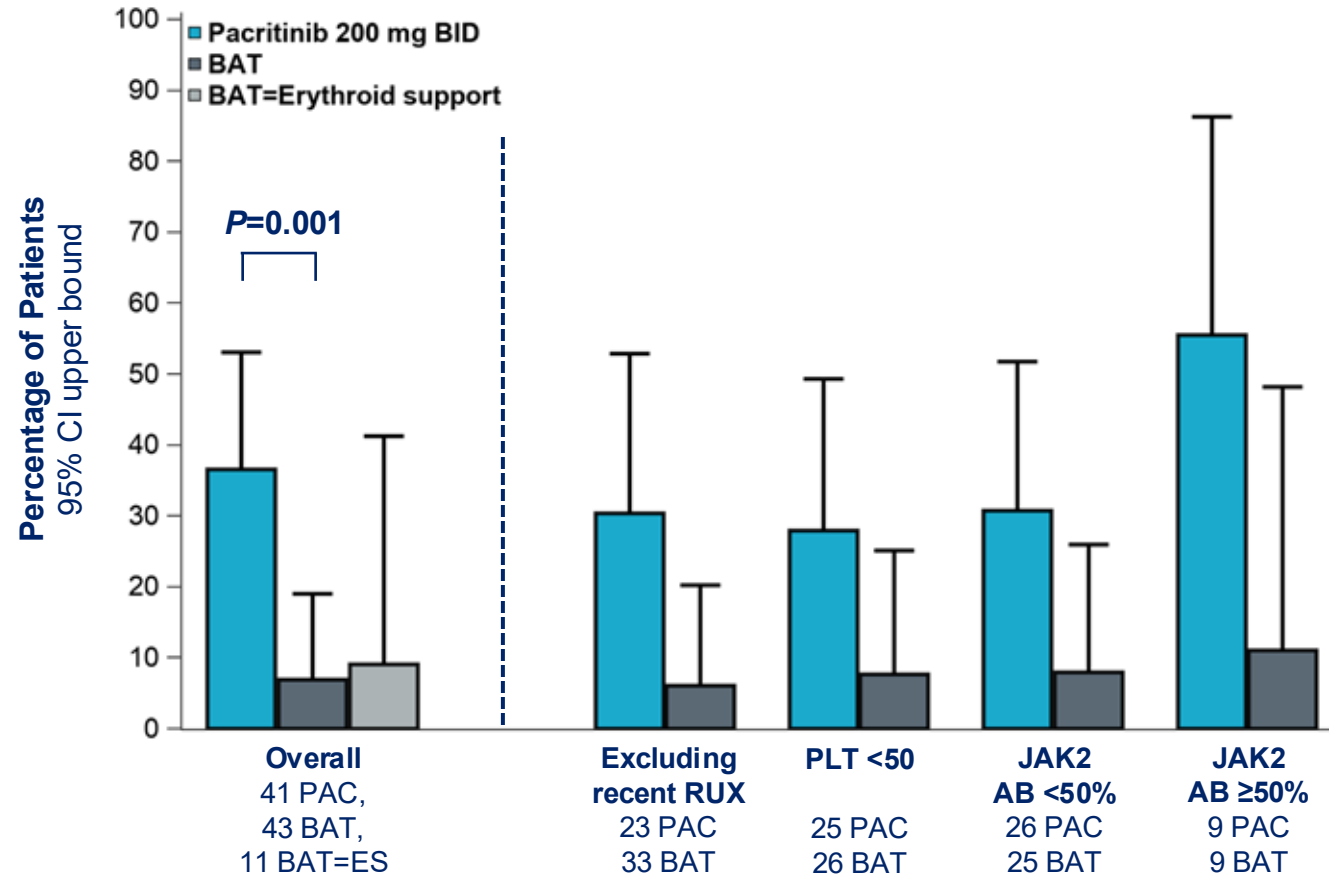
TI Conversion Rate

Pacritinib N=41	BAT N=43	P-value
37%	7%	0.001

TI conversion better on pacritinib than BAT, including patients receiving erythroid support agents as BAT

- Erythroid support agents were prohibited on the pacritinib arm

Rate of TI (Gale criteria) through Week 24



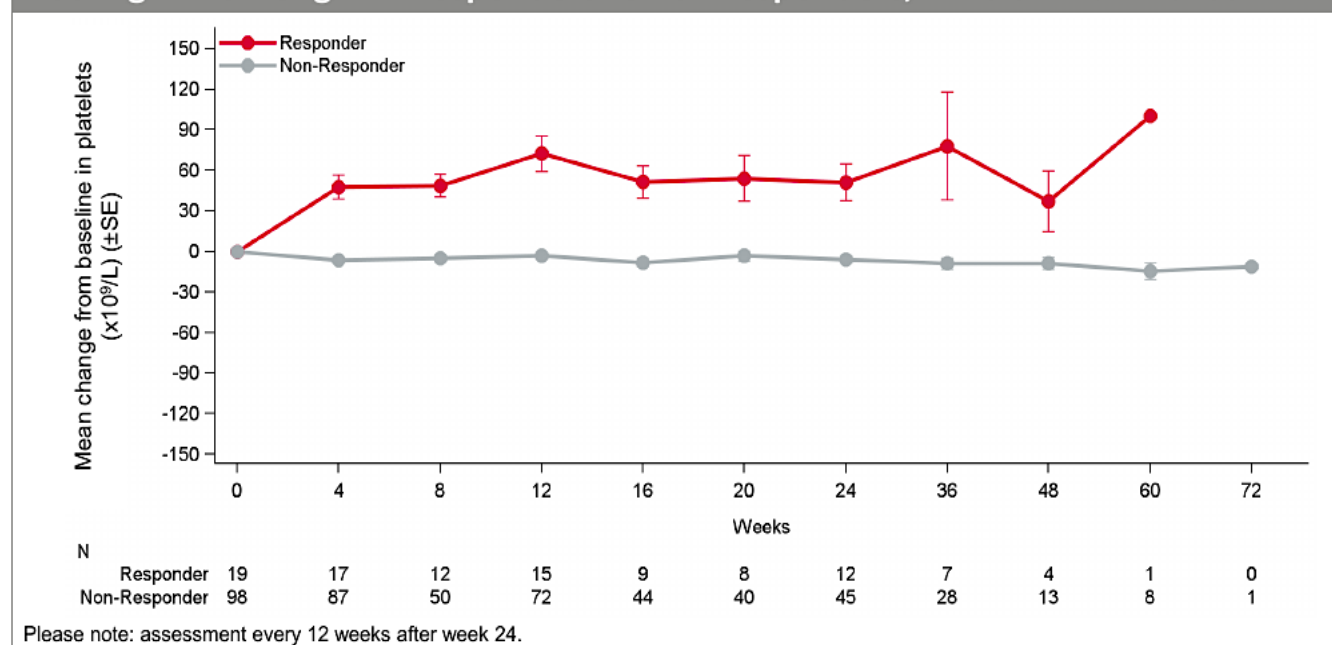
AB=allele burden; BAT=best available therapy; ES=erythroid support; JAK=Janus associated kinase; PAC=pacritinib; PLT=platelets; recent RUX=no ruxolitinib in prior 30 days; TI=transfusion independence.

Platelet Response in Pacritinib-Treated Patients with Cytopenic Myelofibrosis: a Retrospective Analysis of PERSIST-2 and PAC203 Studies

Pankit Vachhani,¹ Abdulraheem Yacoub,² Elie Traer,³ Lina Benajiba,^{4,5} Francesco Passamonti,⁶ Ashwin Kishtagari,⁷ Mojtaba Akhtari,⁸ James McCloskey,⁹ Sarah Buckley,¹⁰ Purvi Suthar,¹⁰ Karisse Roman-Torres,¹⁰ John Mascarenhas¹¹

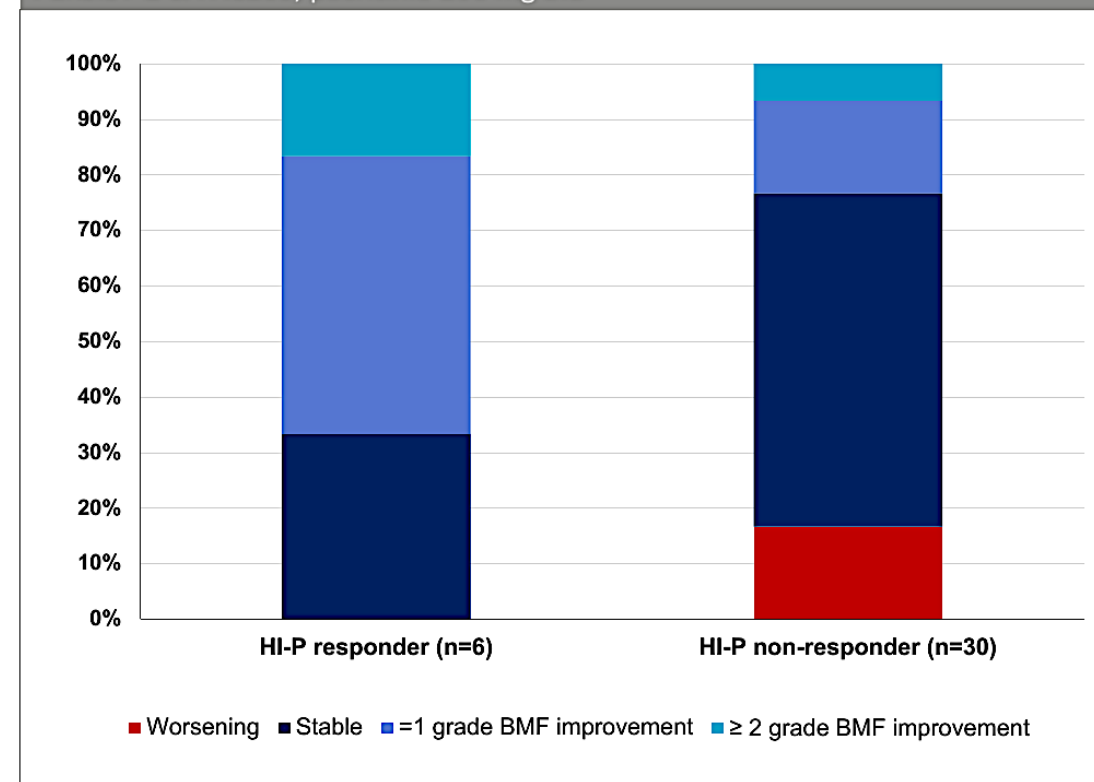
¹O' Neal Comprehensive Cancer Center, University of Alabama, Birmingham, AL; ²The University of Kansas Clinical Cancer Research Center, Leawood, KS; ³Oregon Health & Science University, Portland, OR; ⁴Centre d'Investigations Cliniques, INSERM CIC 1427, Université Paris Cité, APHP, Hôpital Saint-Louis, Paris, France; ⁵INSERM UMR 944, Institut de Recherche Saint-Louis, Paris, France; ⁶Università degli Studi di Milano; Fondazione I.R.C.C.S. Ca' Granda Ospedale Maggiore Policlinico, Milano, Italy; ⁷Division of Hematology & Oncology, Vanderbilt Ingram Cancer Center, Nashville, TN; ⁸Loma Linda University Cancer Center, Loma Linda, CA; ⁹John Theurer Cancer Center, Hackensack University Medical Center, Hackensack, NJ; ¹⁰CTI BioPharma Corp., a Sobi company, Seattle, WA; ¹¹Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, NY

Figure 1. Mean change in platelet count from baseline over time on pacritinib 200 mg BID among HI-P responders vs non-responders, PERSIST-2 & PAC203



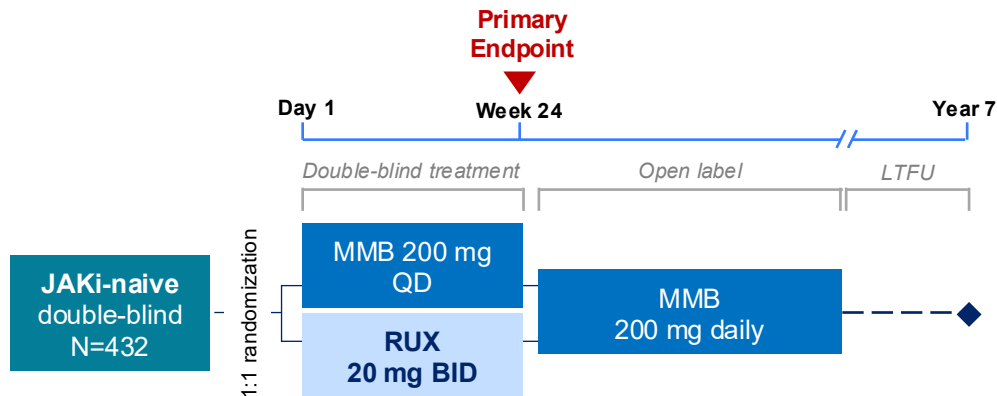
19% of pacritinib treated patients on PAC203 and PERSIST-2 trials experience an improvement in platelet counts

Figure 3. Change in bone marrow fibrosis in HI-P responders vs non-responder, PERSIST-2 & PAC203, pacritinib 200 mg BID



Momelotinib: SIMPLIFY-1 and 2

SIMPLIFY-1: First-Line Population JAKi naive¹



Goal: Noninferiority

Momelotinib 200 mg QD: n=215

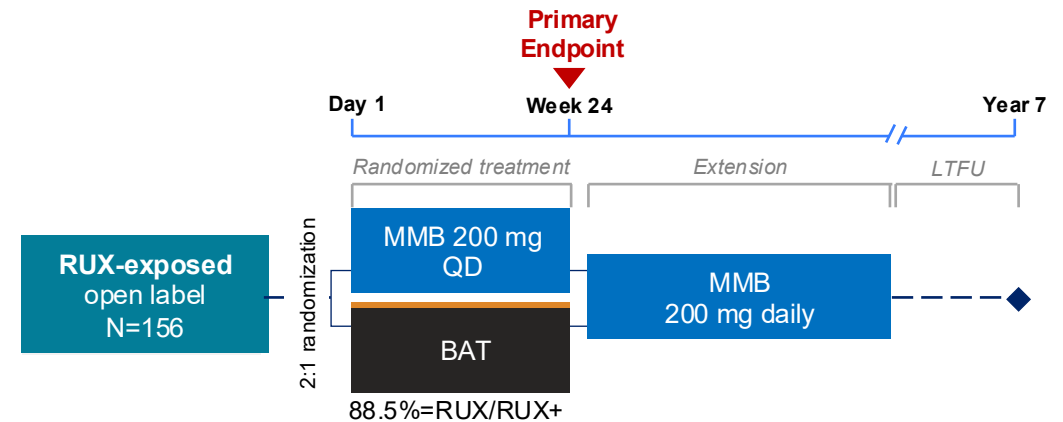
Ruxolitinib 20 mg BID: n=217

Primary Endpoint: SRR

Secondary Endpoints:

- TSS
- TI rate

SIMPLIFY-2: Second-Line Population Prior ruxolitinib with anemia, thrombocytopenia, or grade ≥ 3 bleeding²



Goal: Superiority

Momelotinib 200 mg QD: n=104

Best Available Treatment: n=52

Primary Endpoint: SRR

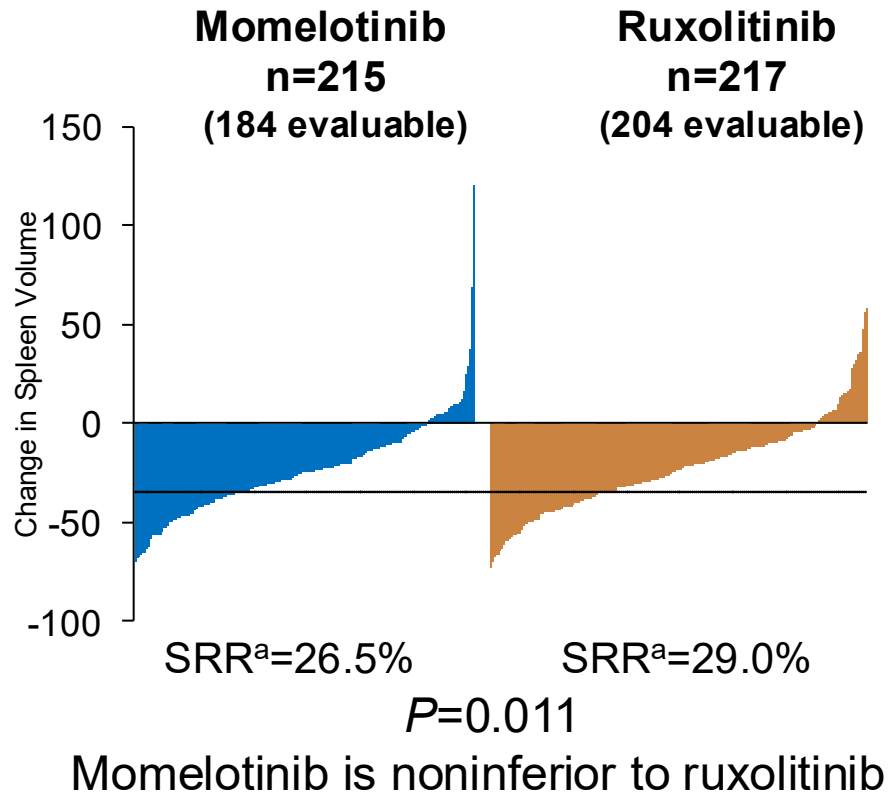
Secondary Endpoints:

- TSS
- TI rate

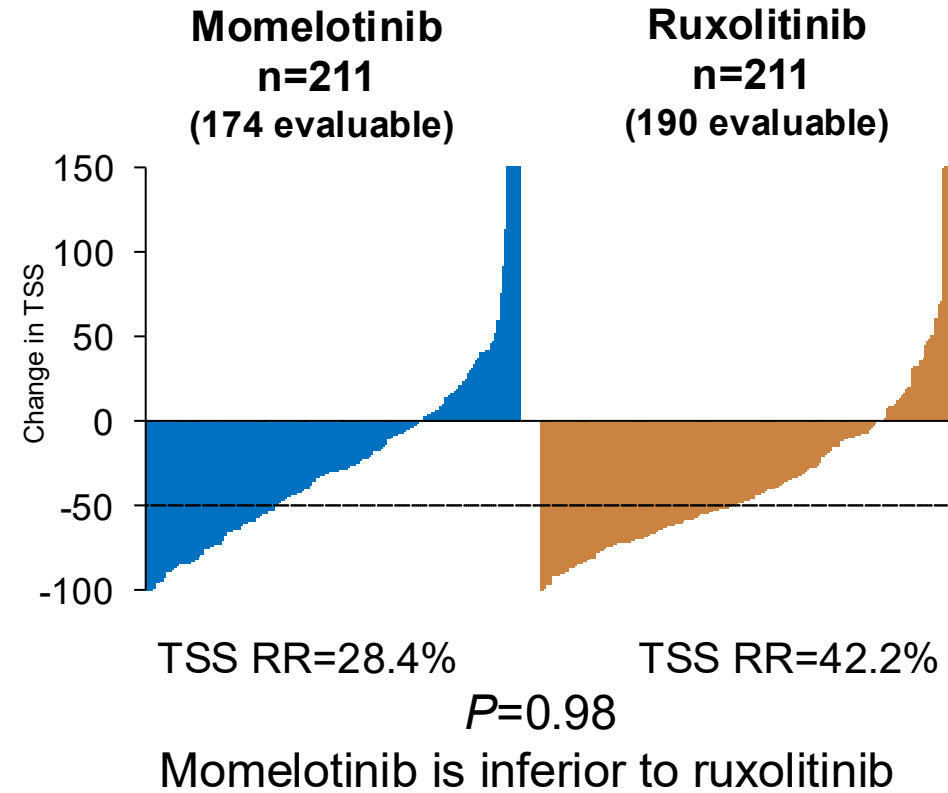
TI defined as absence of RBC transfusions and no Hb < 8 g/dL in the prior 12 weeks^{1,2}.

SIMPLIFY-1

Primary Endpoint: SRR



Secondary Endpoint: TSS RR

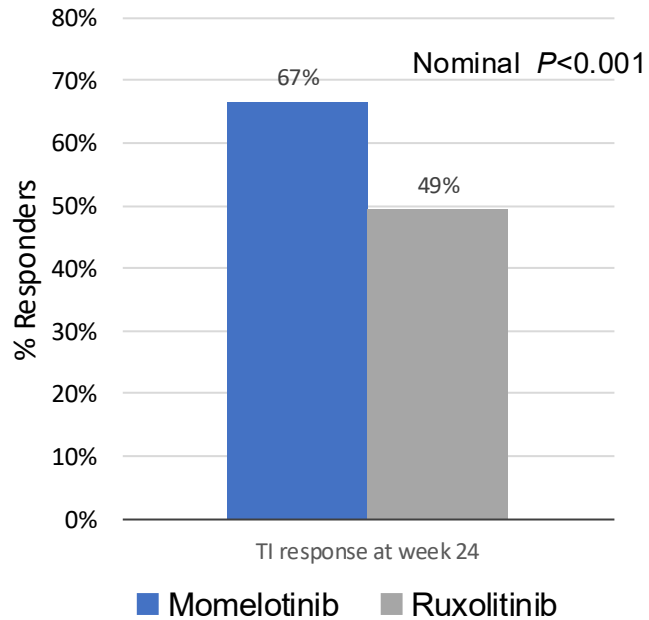


^a Patients with missing baseline or week 24 spleen volume assessments were considered nonresponders.
SRR, splenic response rate; TSS RR, total symptom score response rate.
Mesa RA, et al. *J Clin Oncol*. 2017;35:3844-3850.

SIMPLIFY-1: TI and Duration of TI

- Baseline TI rate was maintained with momelotinib¹

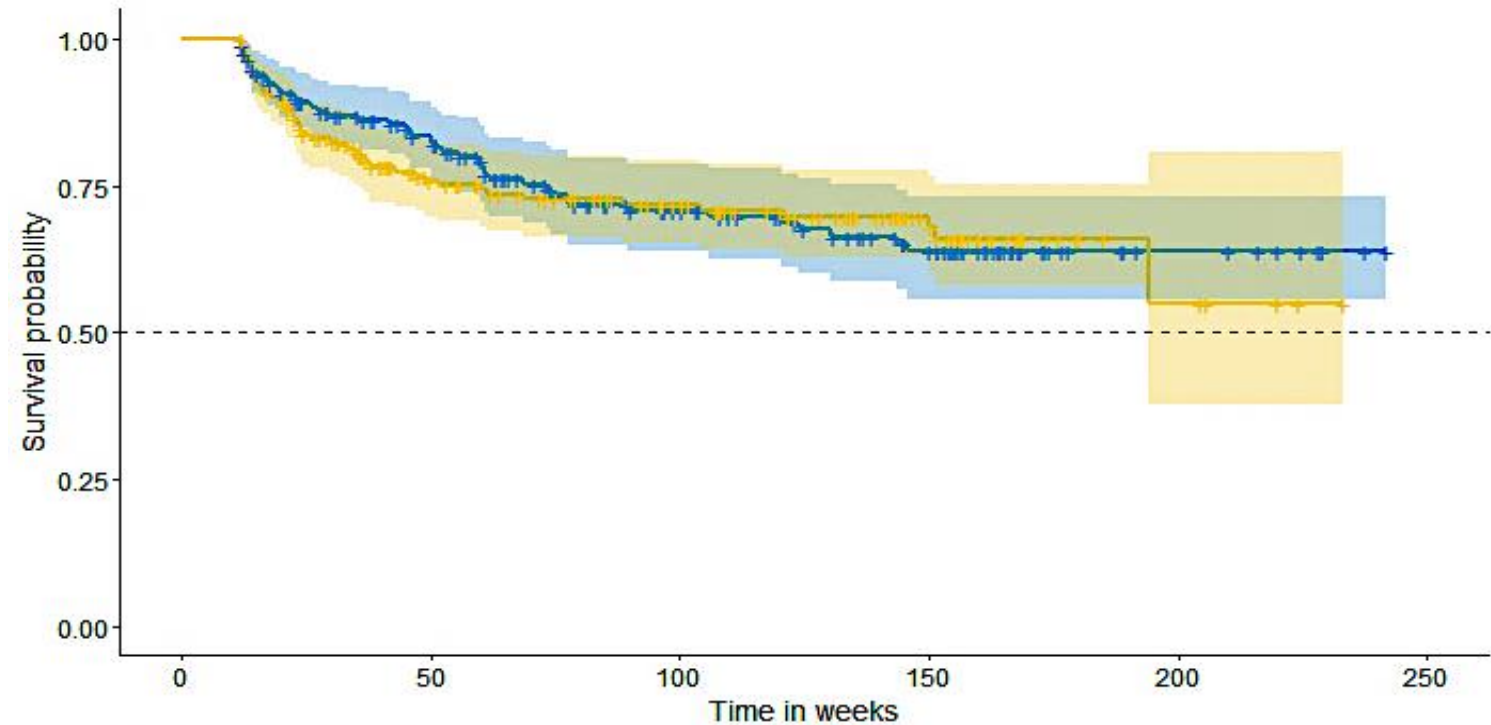
Landmark Week 24 TI Rate^{1,2}



Baseline TI rate¹:

- Momelotinib 68%
- Ruxolitinib 70%

- Median duration of TI was not reached²
- Follow-up >3 y

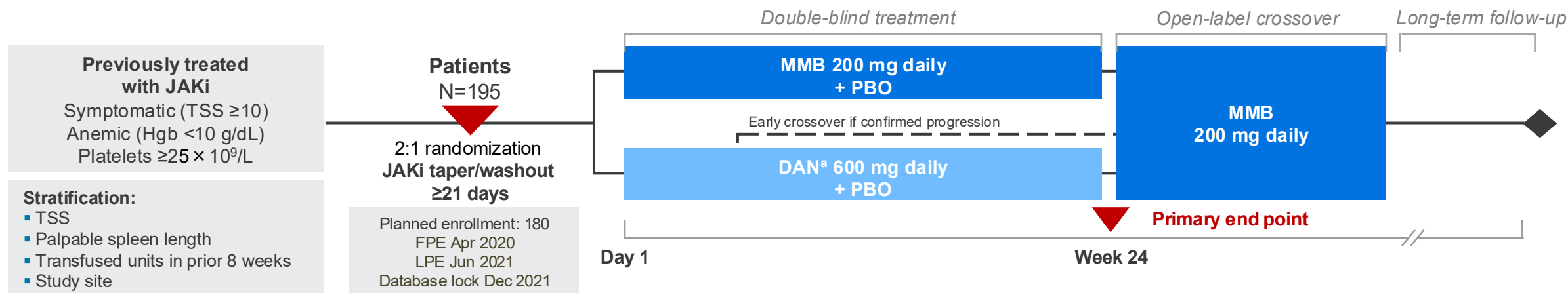


Number at risk: n (%)

Strata	0	50	100	150	200	250
MMB	177 (100)	119 (67)	71 (40)	46 (26)	9 (5)	0 (0)
RUX	182 (100)	101 (55)	74 (41)	39 (21)	5 (3)	0 (0)

Time in weeks

MOMENTUM: A Phase 3 Study of Momelotinib Versus DAN in Symptomatic, Anemic, JAKi-Experienced Patients



MOMENTUM Topline Results at Week 24: All Primary and Key Secondary End Points Met^{1,2}

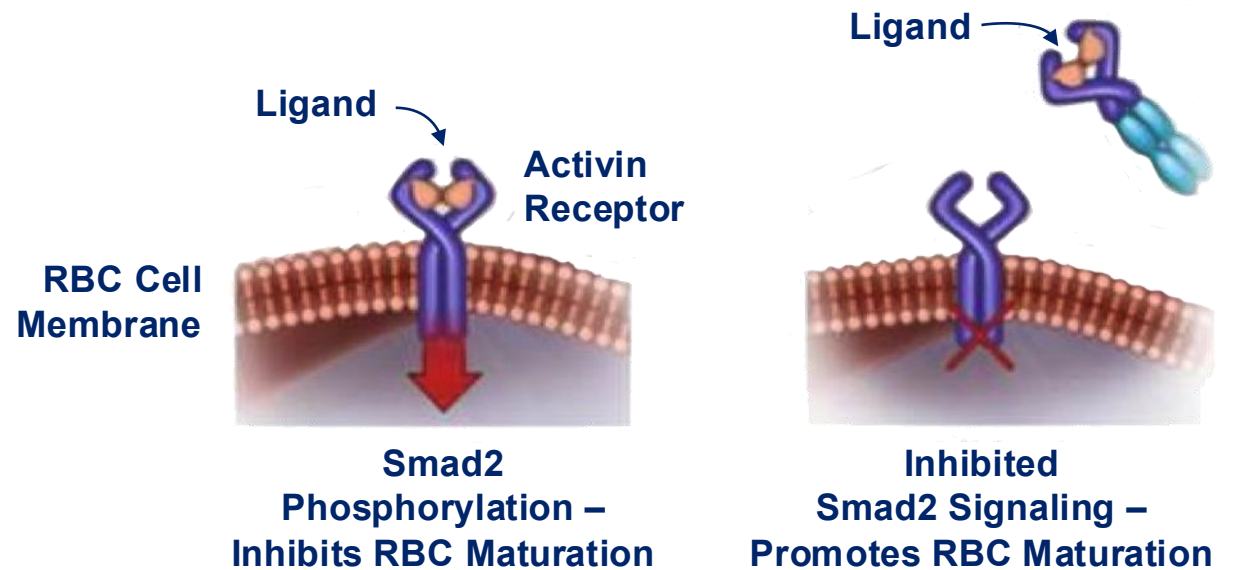
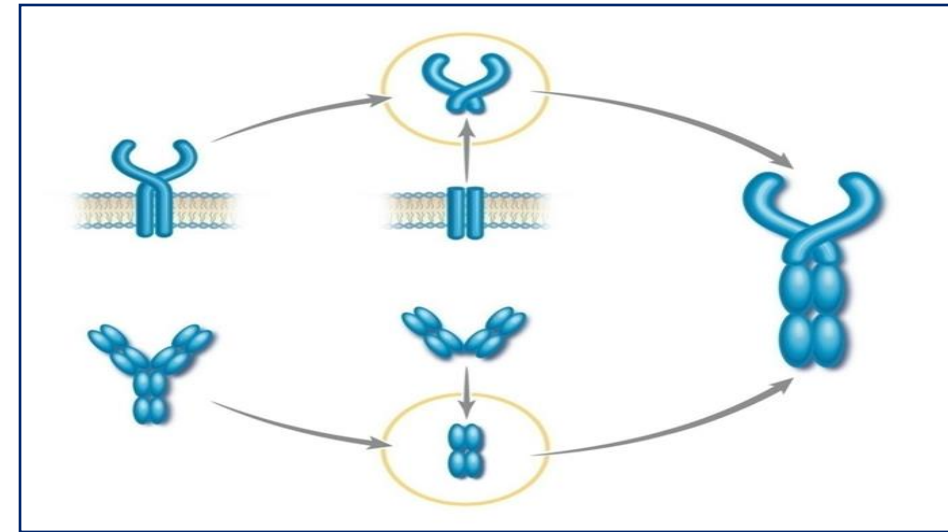
	MFSAF TSS ^b response rate (primary end point)	TI response ^c rate	SRR ^d (35% reduction)
MMB (N=130)	32 (24.6%)	40 (30.8%)	30 (23.1%)
DAN (N=65)	6 (9.2%)	13 (20.0%)	2 (3.1%)
	<i>P</i> =.0095 (superior)	1-sided <i>P</i> =.0064 (noninferior)	<i>P</i> =.0006 (superior)

Anemia Therapy in Combination With a JAK Inhibitor

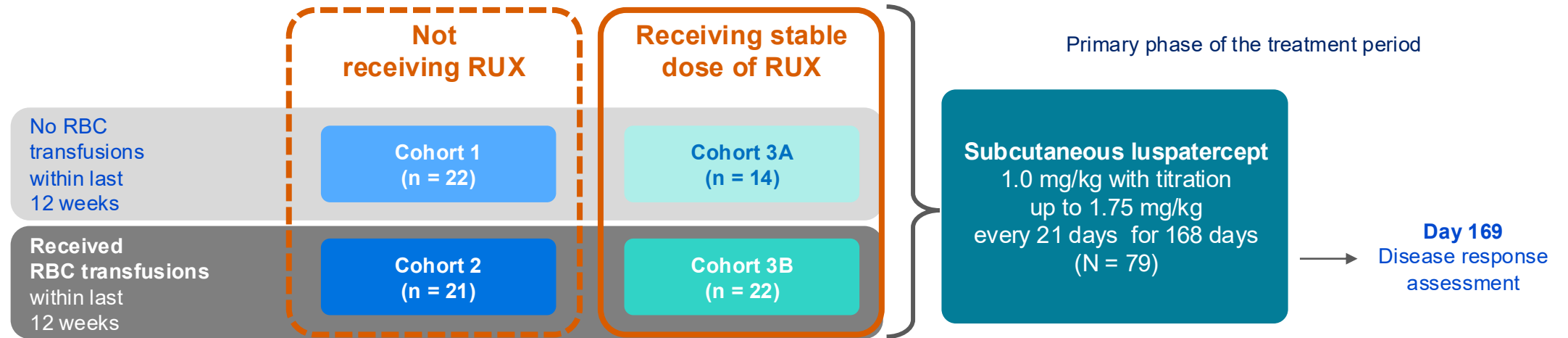
Luspatercept

Fusion protein that acts as activin receptor ligand trap

Sequester ligands of TGF β superfamily, (eg, GDF11) secreted by BM stroma, that inhibit terminal erythropoiesis



Luspatercept in MF and Anemia: Phase 2 study



Parameter	RBC Transfusion Dependent	
	No RUX (Cohort 2; n = 21)	RUX (Cohort 3B; n = 19)
RBC transfusion free ≥12 consecutive wk, n (%)*	2 (10)	6 (27)
<ul style="list-style-type: none"> Median duration of response, wk (range) 	49 (16-82)	42 (12-111)
≥50% reduction in RBC transfusion burden from BL, n (%)	8 (37)	10 (46)

Hgb Increase ≥1.5 g/dL From BL for ≥12 Consecutive Wk‡	No RBC Transfusions	
	No RUX (Cohort 1; n = 22)	RUX (Cohort 3A; n = 14)
Hgb increase ≥1.5 g/dL at every assessment, n (%)	3 (14)	3 (21)
Mean Hgb increase ≥1.5 g/dL, n (%)	4 (18)	9 (64)

The Manufacturer Announces Topline Results from Phase 3 INDEPENDENCE Trial for Luspatercept-aamt in Adult Patients with Myelofibrosis-Associated Anemia

The manufacturer today announced the Phase 3 INDEPENDENCE trial evaluating luspatercept-aamt with concomitant janus kinase inhibitor (JAKi) therapy in adult patients with myelofibrosis-associated anemia receiving red blood cell (RBC) transfusions did not meet its primary endpoint of RBC transfusion independence during any consecutive 12-week period, starting within the first 24 weeks of treatment, compared to placebo ($p=0.0674$). Patients saw a numerical and clinically meaningful improvement in RBC transfusion independence favoring luspatercept, in line with previous results from the Phase 2 trial ([NCT03194542](#)).

Several important secondary measures also showed a clinically meaningful benefit favoring luspatercept, which included a higher number of patients who achieved at least a 50% reduction (and by at least 4 RBC units) in RBC transfusion burden, as well as a higher number of patients achieving a hemoglobin (Hb) level increase by at least 1 g/dL while remaining transfusion independent for at least 12 consecutive weeks.

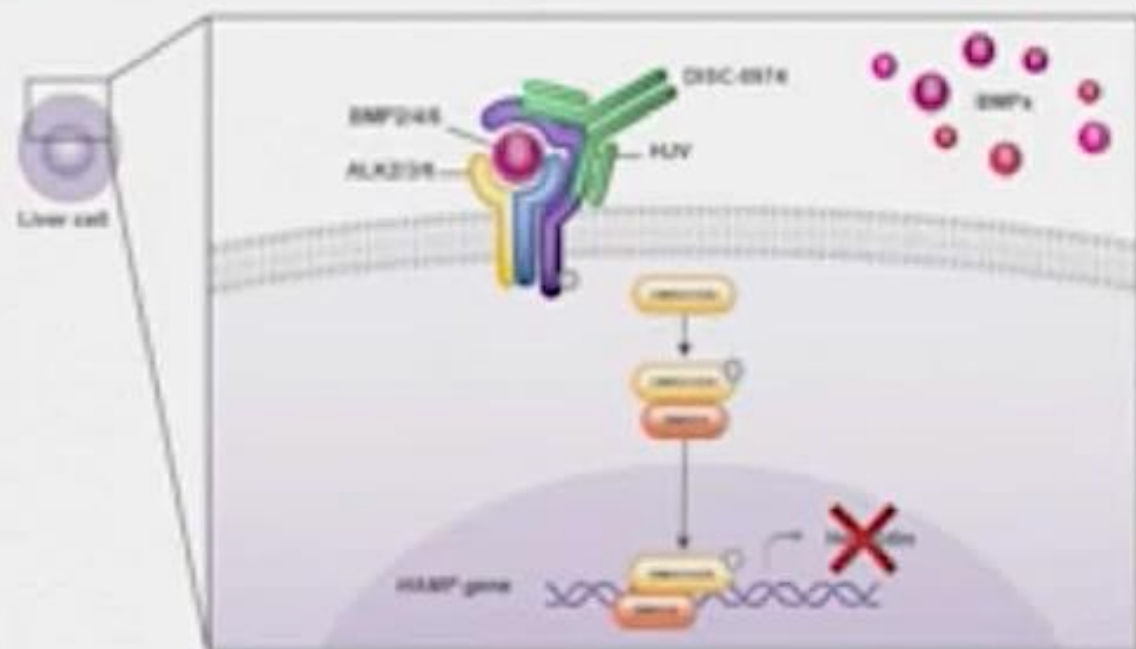
RALLY-MF: Initial efficacy of a Phase 2 study of DISC-0974, an anti-hemojuvelin antibody, to treat anemia in myelofibrosis

Naseema Gangat^{1*}, Ayalew Tefferi^{1*}, Prithviraj Bose^{2*}, Elizabeth Hexner^{3*}, Laura Michaelis^{4*}, Aaron Gerds^{5#}, Akriti Jain^{5#}, Prioty Islam^{6#}, Raajit Rampal^{6#}, Ronan Swords^{7#}, Moshe Talpaz^{8#}, Kristen Pettit^{8#}, Anthony Hunter⁹, Andrew Kuykendall¹⁰, Sima Bhatt¹¹, William Savage¹¹, Anna Halpern¹²

¹Mayo Clinic, Rochester, MN; ²MD Anderson Cancer Center, Houston, TX; ³University of Pennsylvania, Philadelphia, PA; ⁴Medical College of Wisconsin, Milwaukee, WI; ⁵Cleveland Clinic, Cleveland, OH; ⁶Memorial Sloan Kettering Cancer Center, New York, NY; ⁷Oregon Health and Science University, Portland, OR; ⁸University of Michigan, Ann Arbor, MI; ⁹Emory Winship Cancer Institute, Atlanta, GA; ¹⁰Moffitt Cancer Center, Tampa, FL; ¹¹Disc Medicine, Watertown, MA; ¹²University of Washington, Seattle, WA

*, # indicate equal contribution

DISC-0974 is an investigational first-in-class mAb that blocks the co-receptor hemojuvelin and decreases hepcidin expression



- ↓ HJV-dependent BMP signaling in the liver
- ↓ Hepcidin production
- ↑ Mobilization of stored iron into circulation
- ↑ Iron absorption
- ↑ Hemoglobin (Hgb) levels

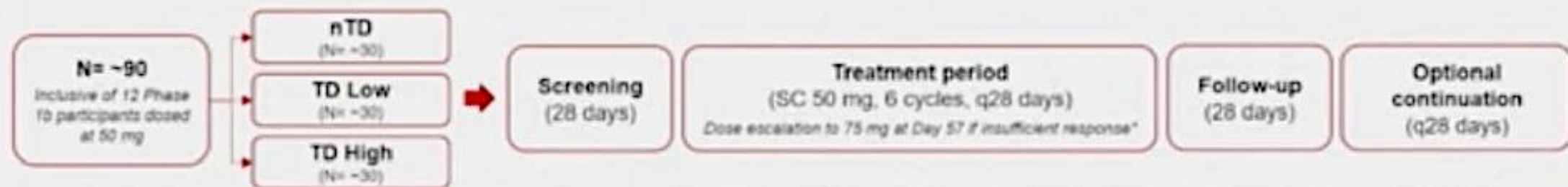
Source: Novikov et al, *Blood*, 2022;140(Suppl 1):5336-5340. Abbreviations: ALK = activin receptor-like kinase, BMP = bone morphogenetic protein, HAMP = hepcidin antimicrobial peptide, HJV = hemojuvelin, mAb = monoclonal antibody, SMAD = small mothers against decapentaplegic.

RALLY-MF Phase 2: study design and eligibility

Study population

- Age ≥ 18 years, with **primary, post-essential thrombocythemia, or post-polycythemia vera MF**
- **Anemia**, defined as:
 - **Non-transfusion dependence (nTD)**: baseline Hgb < 10 g/dL on ≥ 3 assessments over 84 days prior to Screening, **without RBC transfusion**
 - **Low transfusion dependence (TD Low)**: RBC transfusion requirement of **1 to 2 PRBC units over the 84 days** immediately prior to Screening
 - **High transfusion dependence (TD High)**: RBC transfusion requirement of **3 to 12 PRBC units over the 84 days** immediately prior to Screening
- **Concomitant stable JAK inhibitor or hydroxyurea use is allowed**
- Participants with anemia due to infection, bleeding, or iron or vitamin B12 deficiency are excluded

Study design

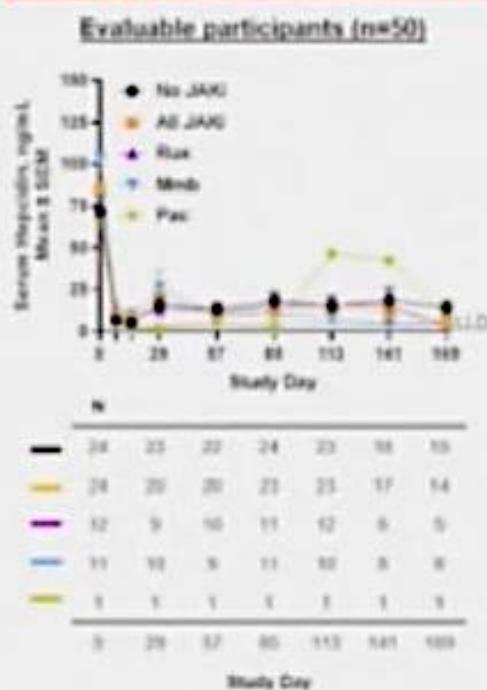


Study is ongoing. N=61 per data cut of 27 Apr 2026 including data through 20 Mar 2026 visit.

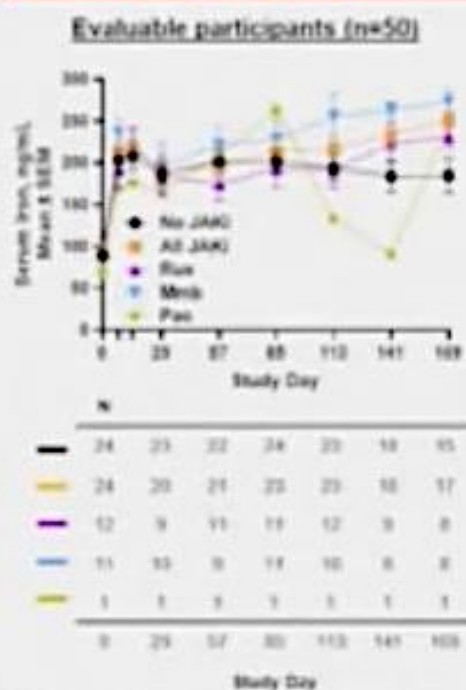
*Insufficient response: nTD/TD Low = no Hgb values ≥ 1 g/dL from baseline by Day 57 (excluding values within 14 days of transfusion); TD High = continued average monthly transfusion rate at Day 57 equal or $>$ than in the 84 days prior to Screening. Full eligibility criteria available at [NCT05320198](https://www.clinicaltrials.gov/ct2/show/study/NCT05320198).

DISC-0974 leads to hepcidin reduction, iron mobilization, and hematologic response regardless of concomitant JAKi use

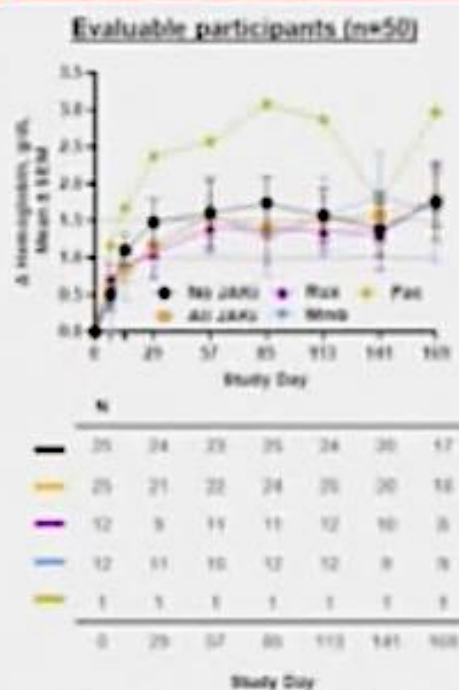
(A) Hepcidin by JAKi



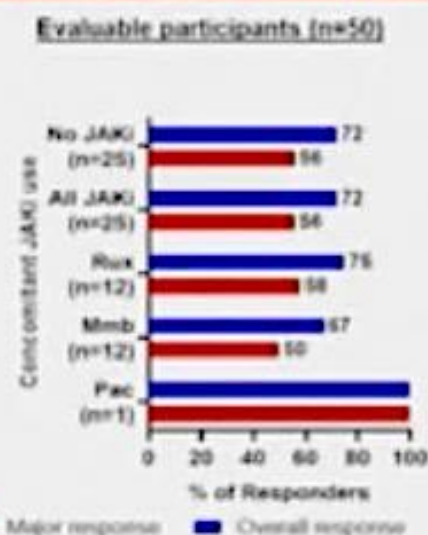
(B) Iron by JAKi



(C) Hemoglobin by JAKi



(D) Hematologic Response by JAKi









Mean (SEM) absolute serum hepcidin (A), serum iron (B), mean change from baseline in hemoglobin (C) and hematologic response (D) by concomitant JAKi use in participants with follow-up through visit Day 113 (evaluable participant). Abbreviations: JAKi = JAK inhibitor; LLD = limit of detection; Mmb = momelotinib; Pac = pacritinib; Rux = ruxolitinib; TD = transfusion dependent. Analyses exclude values within 7 days of transfusion receipt. Participant on concomitant pacritinib had study drug dose held on Days 85 and 113 due to Hgb ≥ 12 g/dL.







Conclusions

- DISC-0974 was safe and generally well tolerated
- DISC-0974 resulted in sustained ↓hepcidin and ↑serum iron in participants regardless of concomitant JAKi therapy or baseline transfusion requirement
- DISC-0974 resulted in meaningful hematologic responses across cohorts:
 - ✓ 55% of nTD participants achieved mean Hgb increases of ≥ 1.5 g/dL for ≥ 12 weeks
 - ✓ 64% of TD Low participants achieved TI-16 weeks
 - ✓ 50% of TD High participants achieved TI-12 weeks
 - ✓ Major responses were achieved regardless of baseline JAKi therapy
 - ✓ 56% of participants receiving concomitant JAKi (n=25) achieved a major response
 - ✓ 56% of participants not receiving concomitant JAKi (n=25) achieved a major response
- Increase in Hgb after DISC-0974 dosing was correlated with improvement in patient-reported outcomes







Approximately what proportion of your patients with MF present with severe anemia at initial diagnosis? Approximately what proportion of your patients with MF develop anemia at a later point in the disease course?

	Severe anemia at diagnosis	Anemia at later point in disease course
 Prof Harrison	10%	50%
 Dr Rampal	30%	60%
 Dr Bose	10%	100%
 Dr Kuykendall	25%	90%
 Dr Mascarenhas	15%	90%
 Dr Yacoub	15%	50%

Approximately what proportion of your patients with MF present with severe thrombocytopenia (platelet count <50,000/ μ L) at initial diagnosis? Approximately what proportion of your patients with MF develop thrombocytopenia at a later point in the disease course?

	Severe thrombocytopenia at diagnosis	Thrombocytopenia at later point in disease course
 Prof Harrison	5%	40%
 Dr Rampal	10%	40%
 Dr Bose	10%	67%
 Dr Kuykendall	10%	60%
 Dr Mascarenhas	10%	70%
 Dr Yacoub	10%	30%

What initial treatment would you generally recommend for an otherwise healthy 65-year-old patient with severe anemia (eg, baseline Hgb 7 g/dL) requiring transfusions? If the patient had severe anemia (eg, baseline Hgb 7 g/dL) requiring transfusions and a baseline platelet count of 44,000/ μ L?

	Severe anemia requiring transfusions	Severe anemia requiring transfusions and baseline platelets 44,000/ μ L
 Prof Harrison	Momelotinib	Momelotinib
 Dr Rampal	Momelotinib	Pacritinib
 Dr Bose	Momelotinib	Pacritinib
 Dr Kuykendall	Momelotinib	Momelotinib
 Dr Mascarenhas	Depends on platelet count	Pacritinib
 Dr Yacoub	Momelotinib	Momelotinib

A 65-year-old man with symptomatic, high-risk MF and splenomegaly (baseline platelet count 110,000/ μ L) receives ruxolitinib 15 mg BID to which he has a limited response and 6 months later presents with drenching night sweats, fatigue, abdominal discomfort and an increase in spleen size. Platelet count = 110,000/ μ L, Hgb = 8.2 g/dL. Which treatment would you most likely recommend next?



Prof Harrison

Momelotinib



Dr Rampal

Fedratinib



Dr Bose

Momelotinib



Dr Kuykendall

Fedratinib



**Dr
Mascarenhas**

Momelotinib



Dr Yacoub

Fedratinib

A 65-year-old man with symptomatic, high-risk MF and splenomegaly (baseline platelet count 110,000/ μ L) receives ruxolitinib 15 mg BID and experiences significant symptom improvement and a decrease in spleen size. Three years later, he presents with drenching night sweats, fatigue, abdominal discomfort and an increase in spleen size. Platelet count = 44,000/ μ L, Hgb = 11.2 g/dL. Which treatment would you most likely recommend next?



Prof Harrison

Momelotinib



Dr Rampal

Pacritinib



Dr Bose

Pacritinib



Dr Kuykendall

Pacritinib



**Dr
Mascarenhas**

Pacritinib



Dr Yacoub

Momelotinib

A 65-year-old man with symptomatic, high-risk MF and splenomegaly (baseline platelet count 110,000/ μ L) receives ruxolitinib 15 mg BID to which he has a limited response and 6 months later presents with drenching night sweats, fatigue, abdominal discomfort and an increase in spleen size. Platelet count = 44,000/ μ L, Hgb of 8.2 g/dL. Which treatment would you most likely recommend next?



Prof Harrison

Momelotinib



Dr Rampal

Momelotinib



Dr Bose

Pacritinib



Dr Kuykendall

Momelotinib



Dr Mascarenhas

Pacritinib



Dr Yacoub

Momelotinib

A 65-year-old man with symptomatic, high-risk MF and splenomegaly (baseline platelet count 110,000/ μ L) receives ruxolitinib 15 mg BID and experiences significant symptom improvement and a decrease in spleen size. Three years later, he presents with drenching night sweats, fatigue, abdominal discomfort and an increase in spleen size. Platelet count = 44,000/ μ L, Hgb = 8.2 g/dL. Which treatment would you most likely recommend next?



Prof Harrison

Momelotinib



Dr Rampal

Momelotinib



Dr Bose

Pacritinib



Dr Kuykendall

Momelotinib



Dr Mascarenhas

Pacritinib



Dr Yacoub

Momelotinib

Agenda

Management of Myelofibrosis (MF)

Introduction: The Biopathophysiology of MF

Module 1: Current and Future Clinical Decision-Making in the Absence of Severe Cytopenias — Prof Harrison

Module 2: Managing MF for Patients with Anemia and Thrombocytopenia — Dr Rampal

Module 3: Upcoming at EHA 2026

Efficacy and Safety of Luspatercept in Patients with Myelofibrosis on Janus Kinase Inhibitors Who Require Red Blood Cell Transfusions: Primary Analysis of the Phase 3 Independence Trial

Passamonti F et al.

EHA 2026;Abstract S215.

Myeloproliferative Neoplasms – Clinical

SATURDAY JUNE 13, 2026

A2-3 Hall

17:15 – 17:30 CEST.

Results of AJX-101, A Phase 1 Clinical Trial Of The Type II JAK2 Inhibitor AJ1-11095, in Patients with Myelofibrosis Who Have Been Failed by a Type I JAK2 Inhibitor

Mascarenhas J et al.

EHA 2026;Abstract S218.

Myeloproliferative Neoplasms – Clinical

SATURDAY JUNE 13, 2026

A2-3 Hall

18:00 – 18:15 CEST.

Mutant Calreticulin–Specific Monoclonal Antibody, INCA033989, is Well Tolerated and Achieves Robust Spleen, Anemia, and Molecular Responses in Patients (Pts) with Myelofibrosis (MF)

Harrison C et al.

EHA 2026;Abstract S216.

Myeloproliferative Neoplasms – Clinical

SATURDAY JUNE 13, 2026

A2-3 Hall

17:30 – 17:45 CEST.

Transcriptional Subtypes of Myelofibrosis Are Independent of Driver Mutations and Capture Distinct Biology, Outcomes, and Disease Trajectories

Zeng A et al.

EHA 2026;Abstract S214.

Myeloproliferative Neoplasms – Biology & Translational Research

FRIDAY JUNE 12, 2026

A5 Hall

18:00 – 18:15 CEST.

Characterization of Symptoms After Immediate Transition from Ruxolitinib to Momelotinib in Patients with Myelofibrosis: Post Hoc Analyses of the Phase 3 SIMPLIFY-1 and SIMPLIFY-2 Trials

Vachhani P et al.

EHA 2026;Abstract PS2001.

Poster Session: Myeloproliferative Neoplasms – Clinical

SATURDAY JUNE 13, 2026

Hall A

18:45 CEST.

SENTRY-2—A Phase II Study Evaluating Selinexor Monotherapy in Patients with JAKi-Naïve Myelofibrosis and Moderate Thrombocytopenia

Scandura JM et al.

EHA 2026;Abstract PB3546 (Publication Only).

Clinical Outcomes of Momelotinib in a Real-World Cohort of Patients with Myelofibrosis

Ortega Vida E et al.

EHA 2026;Abstract PB3537 (Publication Only).

Real-World Hematologic Outcomes with Momelotinib in Patients with Myelofibrosis and Anemia: A German Retrospective Chart Review

Al-Ali HK et al.

EHA 2026;Abstract PB3455 (Publication Only).

Year in Review: Clinical Investigator Perspectives on the Most Relevant New Datasets and Advances in Oncology

Novel Treatment Approaches for Non-Hodgkin Lymphoma

A CME/MOC-Accredited Live Webinar

Wednesday, June 17, 2026

5:00 PM – 6:00 PM ET

Faculty

Matthew Matasar, MD

Sonali M Smith, MD

Moderator

Neil Love, MD

Thank you for joining us!

Please take a moment to complete the survey currently up on Zoom. Your feedback is very important to us.

The survey will remain open for 5 minutes after the meeting ends.

Information on how to obtain CME and ABIM MOC credit is provided in the Zoom chat room.

Attendees will also receive an email in 1 to 3 business days with these instructions.