

Improving Transfusion Independence With JAK Inhibitor Therapy

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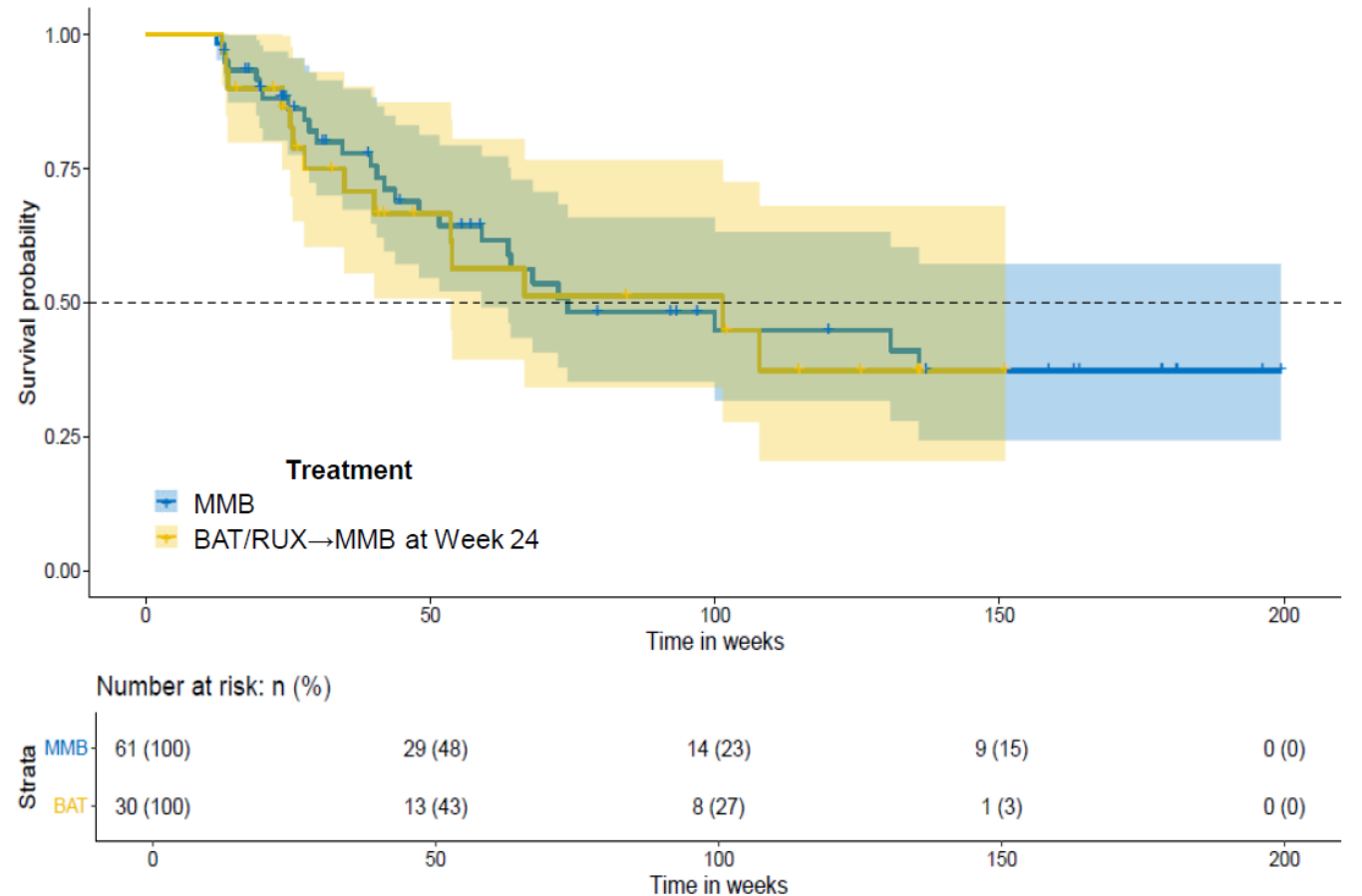
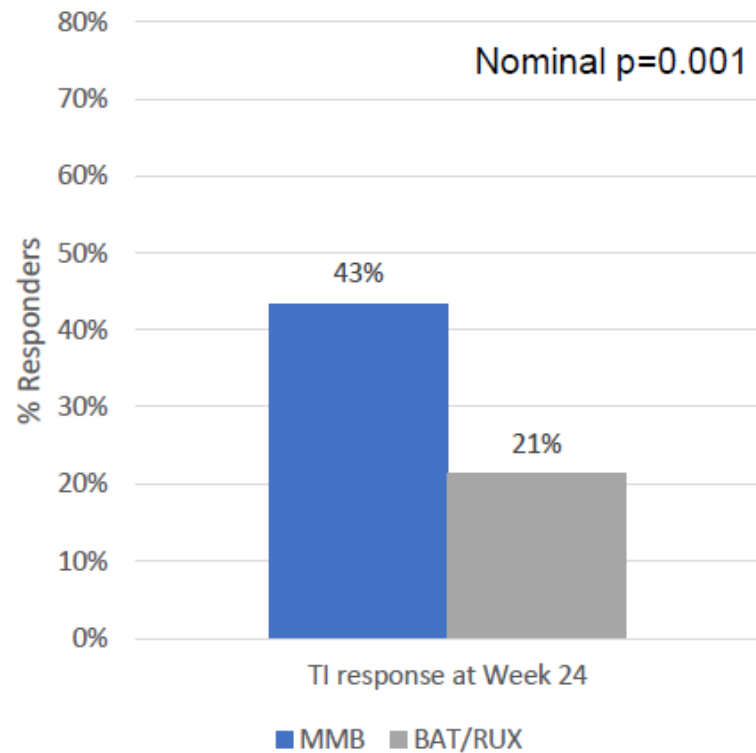
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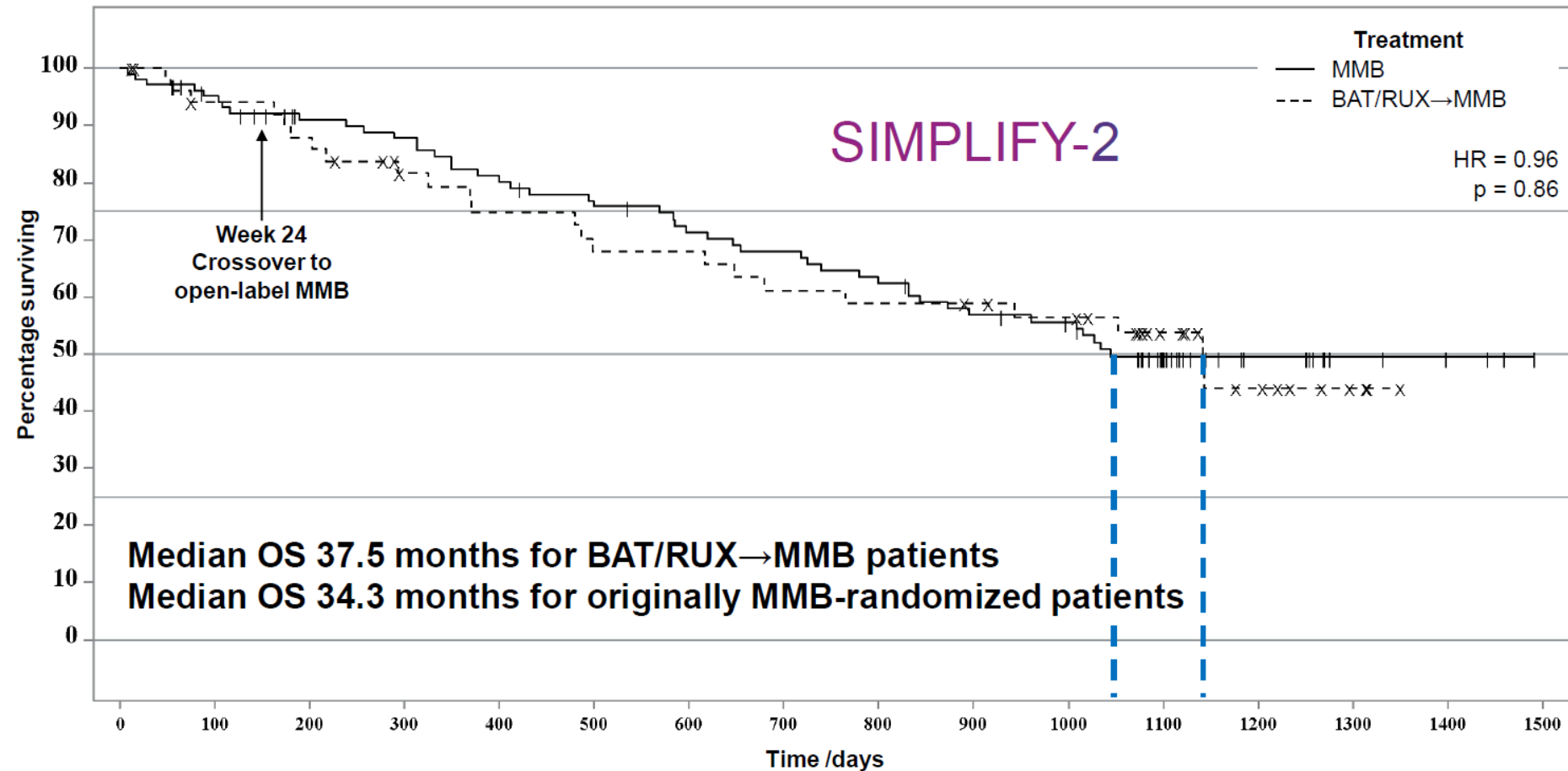
Transfusion Independence and Duration of TI With Momelotinib

SIMPLIFY-2

Landmark Week 24 TI Rate

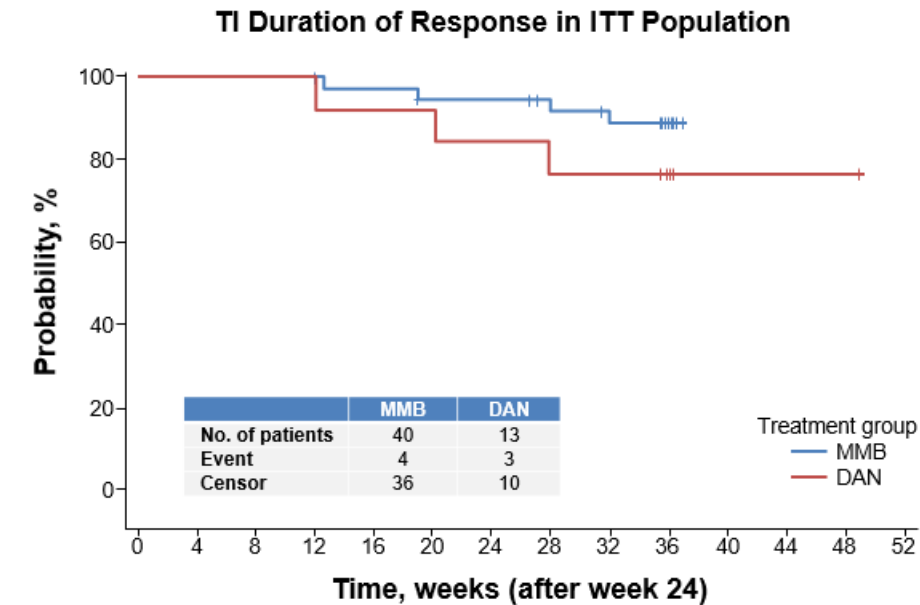


Robust Survival for Prior JAKi-Treated Patients With Momelotinib

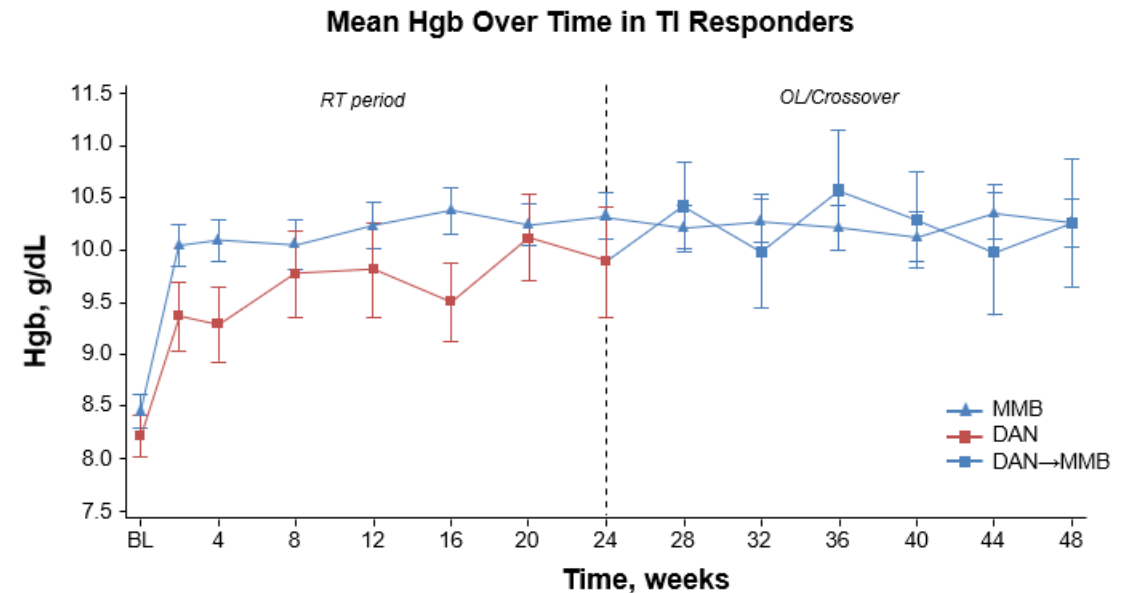


BAT, best available therapy; JAKi, Janus-associated kinase inhibitor; MMB, momelotinib; OS, overall survival; RUX, ruxolitinib.
Verstovsek S, et al. *Blood*. 2020;136(Supplement 1):51-52.

Week 24 TI Responses^a Were Sustained Through Week 48 With Momelotinib



MMB (n)	40	40	40	40	38	36	36	34	32	23	0		
DAN (n)	13	13	13	13	12	12	11	11	10	9	1	1	1



MMB (n)	39	34	32	33	35	36	34	36	37	33	33	34	33
DAN (n)	13	11	12	11	11	12	10	11	11	7	10	9	10

- Week 24 TI response was **31% in the MMB group and 20% in the DAN group**
 - Consecutive 12-week TI-R^b was 44.6% in the MMB group and 29.2% in the DAN group (Poster #3028)
- Week 24 TI response was maintained in 36 of 40 (90%) MMB→MMB and 10 of 13 (77%) DAN→MMB patients

^a Defined as not requiring RBC transfusion in the prior 12 weeks and Hgb levels ≥ 8 g/dL. ^b Consecutive 12-week TI-R (defined as absence of RBC transfusions and no Hgb measurement below 8 g/dL over any 12-week period through week 24).

BL, baseline; DAN, danazol; Hgb, hemoglobin; ITT, intention-to-treat; MMB, momelotinib; OL, open-label; RBC, red blood cell; RT, randomized treatment; TI, transfusion independence; TI-R, TI response.

Gerds AT, et. *Blood*. 2022;140(Supplement 1):1514-1517. Gerds AT, et al. *Lancet Haematol*. 2023;10(9):e735-e746.

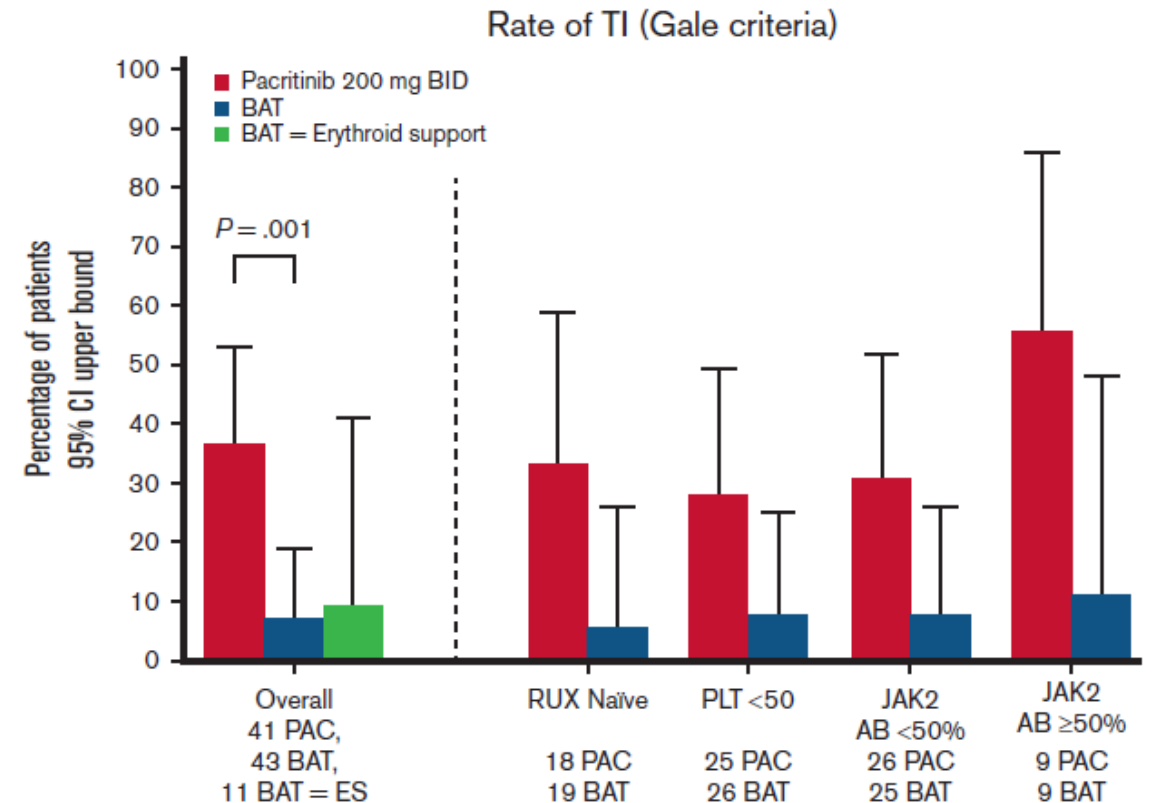
More Patients on Pacritinib Achieved Transfusion Independence¹ (Gale Criteria²)

TI Conversion Rate

Pacritinib N = 41	BAT N = 43	P Value
37%	7%	.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

Gale criteria: no RBC transfusions over a 12-week period



AB, allele burden; BAT, best available therapy; BID, twice daily; CI, confidence interval; ES, erythroid support; JAK, Janus-associated kinase; PAC, pacritinib; PLT, platelets; RBC, red blood cell; RUX, ruxolitinib; RUX naïve (no RUX prior to first dose); TI, transfusion independence.

1. Oh S, et al. *Blood Adv.* 2023;7:5835-5842. 2. Gale RP, et al. *Leuk Res.* 2011;35(1):8-11.

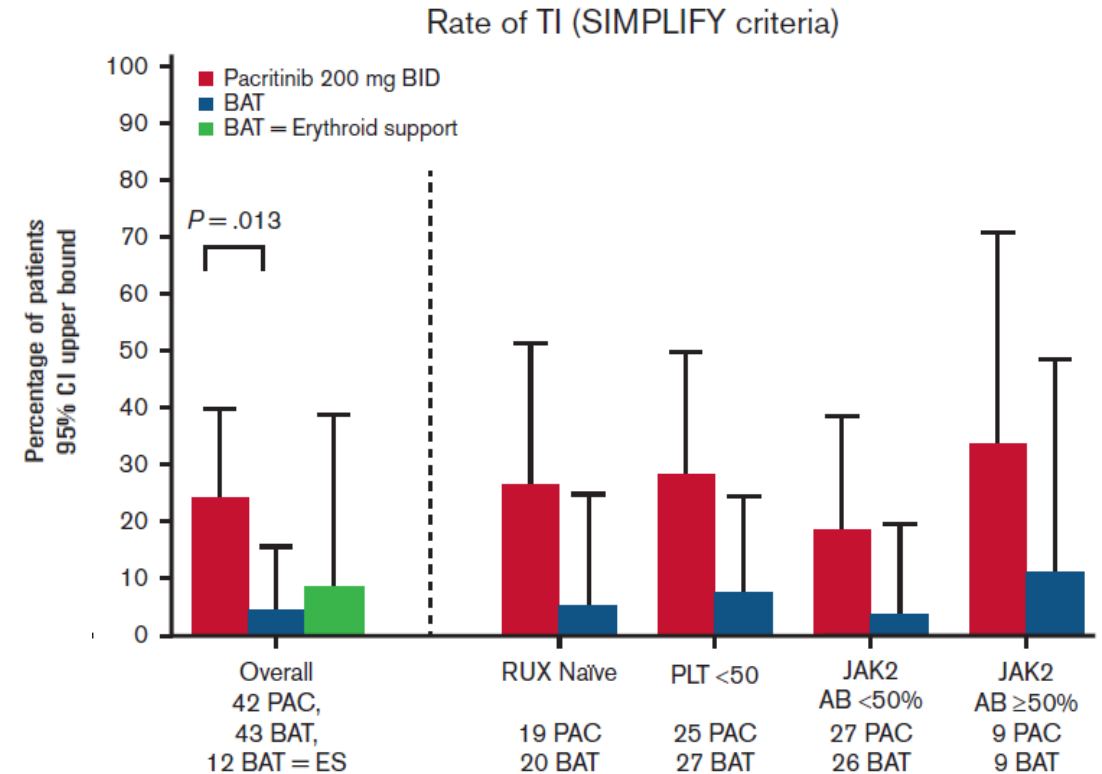
More Patients on Pacritinib Achieved Transfusion Independence¹ (SIMPLIFY)

TI Conversion Rate

Pacritinib N = 41	BAT N = 43	P Value
24%	5%	0.013

Similar results based on SIMPLIFY criteria for TI^{2,3}

- No RBC transfusion and no hemoglobin < 8g/dL in the prior 12-weeks

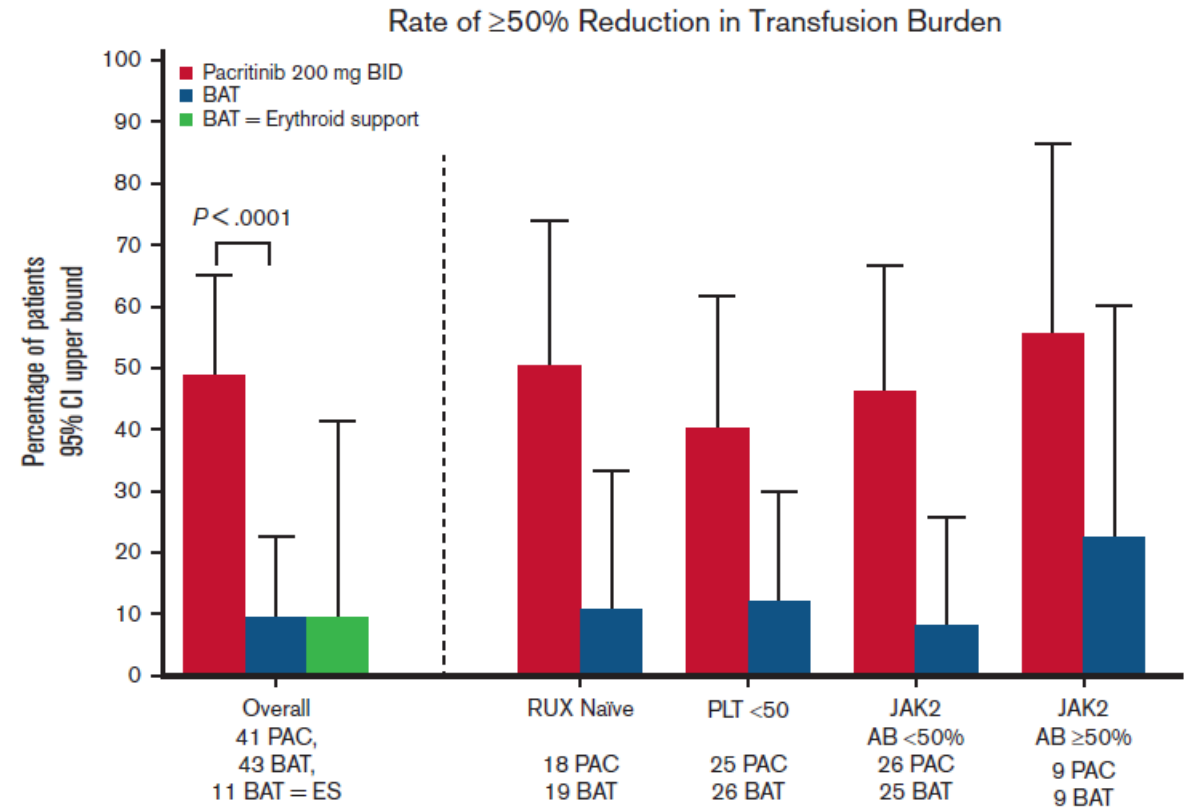


More Patients on Pacritinib Had $\geq 50\%$ Transfusion Reduction

Transfusion Reduction

Pacritinib N = 41	BAT N = 43	P Value
49%	9%	.0001

- Clinically significant reduction in transfusion burden more common on pacritinib



Summary

- Durable anemia responses demonstrated with:
 - Momelotinib in the SIMPLIFY and MOMENTUM studies
 - Pacritinib in the PERSIST-2 study, including in patients with low platelet counts
- Both pacritinib and momelotinib provide reduced spleen and symptom burden and improve disease-related anemia