

## Current Therapies for the Treatment of Myelofibrosis

### References

1. Tefferi A, Guglielmelli P, Lasho TL, et al. MIPSS70+ Version 2.0: Mutation and Karyotype-Enhanced International Prognostic Scoring System for Primary Myelofibrosis. *J Clin Oncol.* 2018 Jun 10;36(17):1769-1770.
2. Cervantes F, Dupriez B, Pereira A, et al. New prognostic scoring system for primary myelofibrosis based on a study of the International Working Group for Myelofibrosis Research and Treatment. *Blood.* 2009 Mar 26;113(13):2895-901.
3. National Comprehensive Cancer Network (NCCN). NCCN Clinical Practice Guidelines in Oncology. Myeloproliferative Neoplasms. Version 2.2023 – August 29, 2023.
4. Verstovsek S, Mesa RA, Gotlib J, et al. A double-blind, placebo-controlled trial of ruxolitinib for myelofibrosis. *N Engl J Med.* 2012 Mar 1;366(9):799-807.
5. Harrison C, Kiladjian JJ, Al-Ali HK, et al. JAK inhibition with ruxolitinib versus best available therapy for myelofibrosis. *N Engl J Med.* 2012 Mar 1;366(9):787-98.
6. Pardanani A, Harrison C, Cortes JE, et al. Safety and Efficacy of Fedratinib in Patients With Primary or Secondary Myelofibrosis: A Randomized Clinical Trial. *JAMA Oncol.* 2015 Aug;1(5):643-51.
7. Harrison CN, Schaap N, Vannucchi AM, et al. Janus kinase-2 inhibitor fedratinib in patients with myelofibrosis previously treated with ruxolitinib (JAKARTA-2): a single-arm, open-label, non-randomised, phase 2, multicentre study. *Lancet Haematol.* 2017 Jul;4(7):e317-e324.
8. Gupta V, Yacoub A, Verstovsek S, et al. Safety and efficacy of fedratinib in patients with Primary (P), Post-Polyctyhemia Vera (Post-PV), and Post-Essential Thrombocythemia (Post-ET) Myelofibrosis (MF) previously treated with ruxolitinib: primary analysis of the FREEDOM trial. *Blood.* 2022;140(Supplement 1):3935-3937.
9. Tefferi A, Lasho TL, Jimma T, et al. One thousand patients with primary myelofibrosis: the mayo clinic experience. *Mayo Clin Proc.* 2012 Jan;87(1):25-33.
10. Mascarenhas J, Hoffman R, Talpaz M, et al. Pacritinib vs Best Available Therapy, Including Ruxolitinib, in Patients With Myelofibrosis: A Randomized Clinical Trial. *JAMA Oncol.* 2018 May 1;4(5):652-659.
11. Oh ST, Mesa R, Harrison C, et al. Pacritinib is a potent ACVR1 inhibitor with significant anemia benefit in patients with myelofibrosis. *Blood.* 2022;140(Supplement 1):1518–1521.
12. Verstovsek S, Gerds AT, Vannucchi AM, et al; MOMENTUM Study Investigators. Momelotinib versus danazol in symptomatic patients with anaemia and myelofibrosis (MOMENTUM): results from an international, double-blind, randomised, controlled, phase 3 study. *Lancet.* 2023 Jan 28;401(10373):269-280.
13. Mesa RA, Kiladjian JJ, Catalano JV, et al. SIMPLIFY-1: A Phase III Randomized Trial of Momelotinib Versus Ruxolitinib in Janus Kinase Inhibitor-Naïve Patients With Myelofibrosis. *J Clin Oncol.* 2017 Dec 1;35(34):3844-3850.
14. Gerds AT, Harrison C, Kiladjian J-J, et al. Safety and efficacy of luspatercept for the treatment of anemia in patients with myelofibrosis: results from the ACE-536-MF-001 study. Abstract 7016. Presented at the 2023 American Society of Clinical Oncology Annual Meeting; June 5, 2023; Chicago, Illinois.

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