

Jakafi[®] (ruxolitinib) in Graft-Versus-Host Disease

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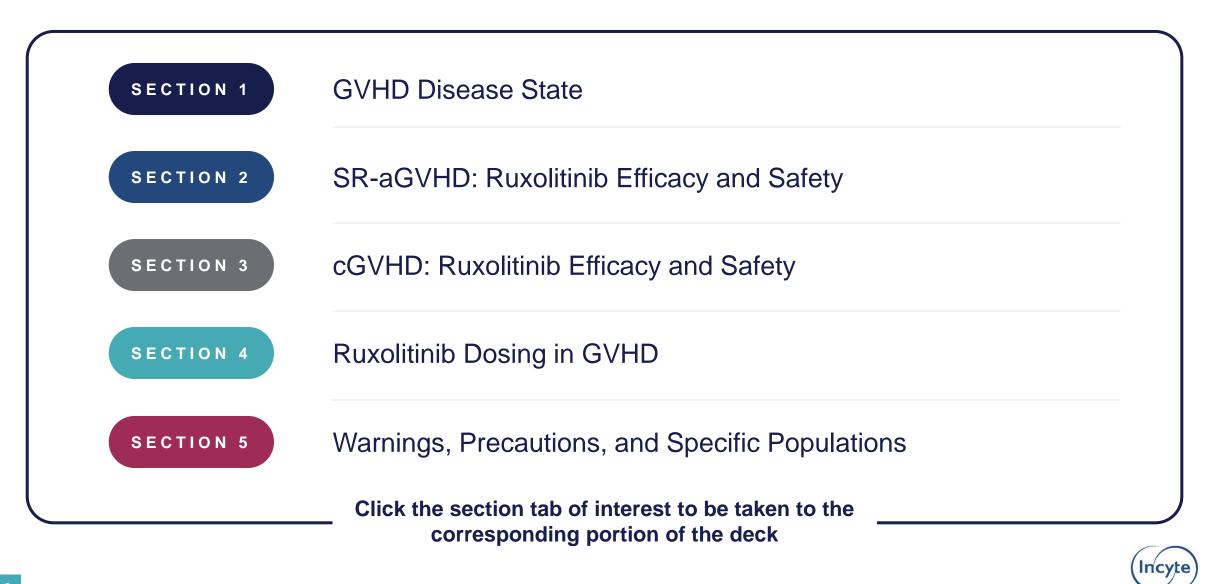
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Indications and Usage

- JAKAFI®(ruxolitinib) is indicated for treatment of:
 - Intermediate or high-risk MF, including primary MF, post-PV MF, and post-essential thrombocythemia MF in adults
 - PV in adults who have had an inadequate response to or are intolerant of hydroxyurea
 - SR-aGVHD in adult and pediatric patients 12 years and older
 - cGVHD after failure of one or two lines of systemic therapy in adult and pediatric patients 12 years and older
- Please see the <u>Full Prescribing Information</u>, including Warnings & Precautions, and <u>Patient Information</u> for JAKAFI



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GVHD Disease State

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GVHD Is an Immune-Mediated Complication of Allo-HSCT

- Allo-HSCT offers a potential cure for patients with hematologic malignancies^{1,2}
- GVHD is a major complication associated with allo-HSCT³
- GVHD occurs when donor immune cells recognize and attack host tissues¹

aGVHD¹

- Strong inflammatory component with tissue damage
- Mediated by donor T cells⁴
- Primarily affects the skin, gut, and liver

cGVHD¹

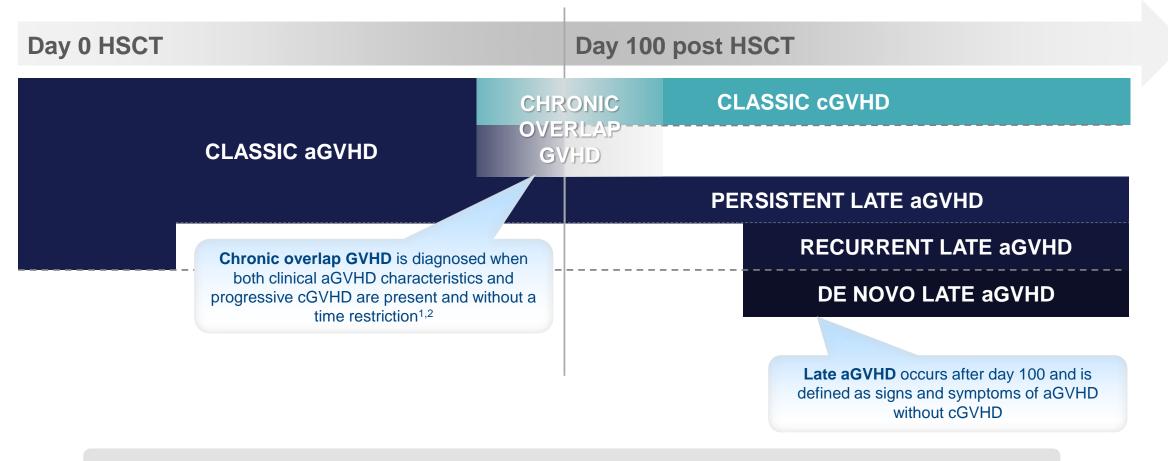
- Displays autoimmune and fibrotic features
- Mediated primarily by T cells, B cells, and macrophages^{4,5}
- Mainly affects oral and ocular mucosal surfaces and the skin, gut, liver, lungs, and kidneys

allo-HSCT, allogeneic hematopoietic stem cell transplantation.

1. Blazar BR, et al. Nat Rev Immunol. 2012;12:443-458. 2. Spoerl S, et al. Blood. 2014;123:3832-3842. 3. Ferrara JLM, et al. Lancet. 2009;373:1550-1561. 4. Cutler CS. Blood. 2017;129:22-29. 5. McDonald-Hyman C, et al. Sci Transl Med. 2015;7:280-282.



Classification of GVHD



aGVHD and cGVHD are considered distinct clinical syndromes without a time restriction¹

Note: Box sizes do not reflect relative prevalence or incidence. Figure adapted from Lee SJ. *Blood*. 2017;129:30-37. HSCT, hemopoietic stem cell transplant. 1. Lee SJ. *Blood*. 2017;129:30-37. 2. Filipovich AH, et al. *Biol Blood Marrow Transplant*. 2005;11:945-956.

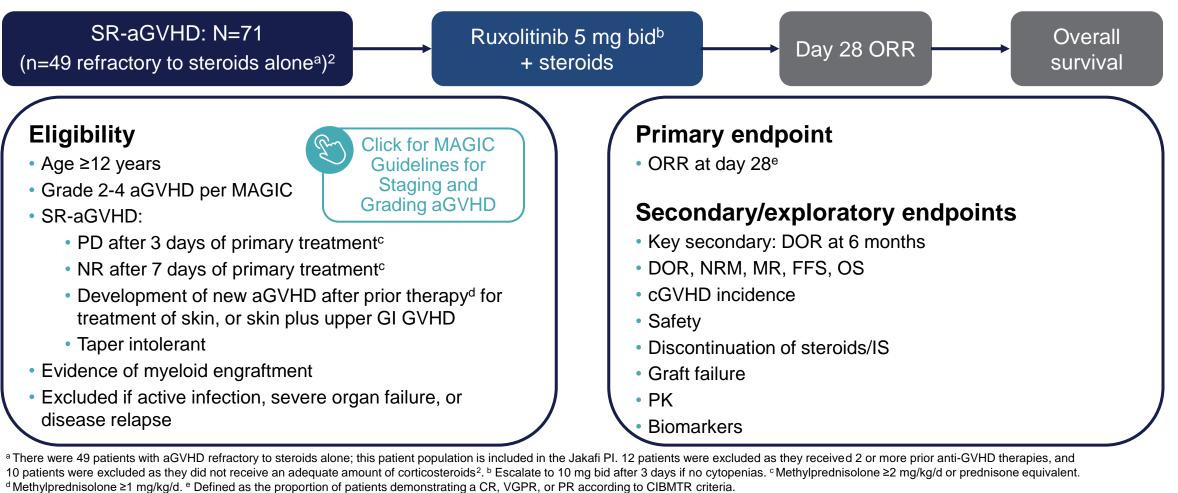




SR-aGVHD: Ruxolitinib Efficacy and Safety

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REACH1: Phase 2, Single-Cohort, Open-Label Study of Ruxolitinib in SR-aGVHD¹



bid, twice daily; CIBMTR, Center for International Blood and Marrow Transplant Research; CR, complete response; DOR, duration of response; FFS, failure-free survival; GI, gastrointestinal; IS, immunosuppressants; MAGIC, Mount Sinai Acute GVHD International Consortium; MR, malignancy relapse; NR, no response; NRM, nonrelapse mortality; ORR, overall response rate; OS, overall survival; PD, progressive disease; PK, pharmacokinetics; PR, partial response; VGPR, very good partial response.

^{1.} Jagasia M, et al. *Blood*. 2020;135:1739-1749. 2. Incyte Corporation. News release. Accessed Oct 2021. <u>https://investor.incyte.com/press-releases/press-releases/2019/FDA-Approves-Jakafi-ruxolitinib-for-the-Treatment-of-Patients-with-Acute-Graft-Versus-Host-Disease/default.aspx.</u>



REACH1: Baseline Characteristics *Patients With GVHD Refractory to Steroids Alone (n=49)*

Characteristic ¹	Refractory to steroids alone (n=49)	
Median age, y (range)	57 (18-72)	
Male, %	47	
Ethnicity: Hispanic, %	14	
Race: Caucasian, %	92	
aGVHD grade, %		
II	27	
III	55	
IV	18	
Visceral GVHD, %	84	
Graft source, n (%) ²		
Bone marrow	9 (18)	
PBSCs	39 (80)	
Cord blood	1 (2)	



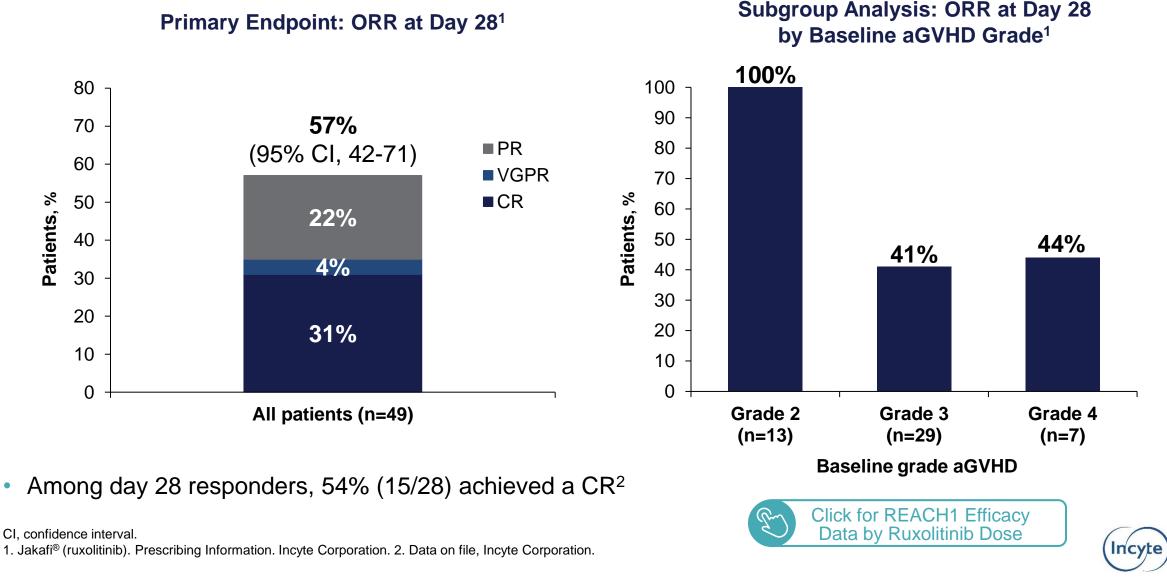


PBSC, peripheral blood stem cell; y, years.

1. Jakafi® (ruxolitinib). Prescribing Information. Incyte Corporation. 2. Data on file, Incyte Corporation.



REACH1: ORR at Day 28 (n=49)



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REACH1: ORR at Day 28 by Organ Involvement (n=49) Subgroup Analysis

Subgroup	Number of Patients	ORR at Day 28 (95% CI)
All patients	49	—
1 organ involved	22	— — — — 7 3 (50, 89)
≥2 organs involved	27	44 (26, 65)
Liver, stage 1-4	11	27 (6, 61)
Upper GI, stage 1	16	31 (11, 59)
Lower GI, stage 1-4	36	H 50 (33, 67)
Skin, stage 1-4	26	62 (41, 80)
	0 10 20 30 40 50 60	70 80 90 100
	Percent	



REACH1: Duration of Response (n=49) Secondary Endpoint

The median DOR was calculated using 2 methods, which define disease progression differently:

- Method 1 calculated from day 28 until: 1) need for new aGVHD treatment, <u>or</u> 2) death, <u>or</u> 3) worsening in any organ by one stage compared to prior response assessment (disease progression)
 Median DOR: 16 days (95% CI: 9, 83)
- Method 2 calculated from day 28 until: 1) need for new aGVHD treatment, <u>or</u> 2) death, <u>or</u> 3) increase in steroid dose from baseline (disease progression)
 - Median DOR: 173 days (95% CI: 66, NE)

	Start of DOR assessment	Events for end of DOR			Median DOR (95% Cl)	
	Day 28 response	Death	Salvage therapy for aGVHD	Change in organ stage ^a	Increase in steroid dose ^b	
Method 1	✓	\checkmark	\checkmark	\checkmark		16 days (9, 83)
Method 2	✓	\checkmark	\checkmark		\checkmark	173 days (66, NE)

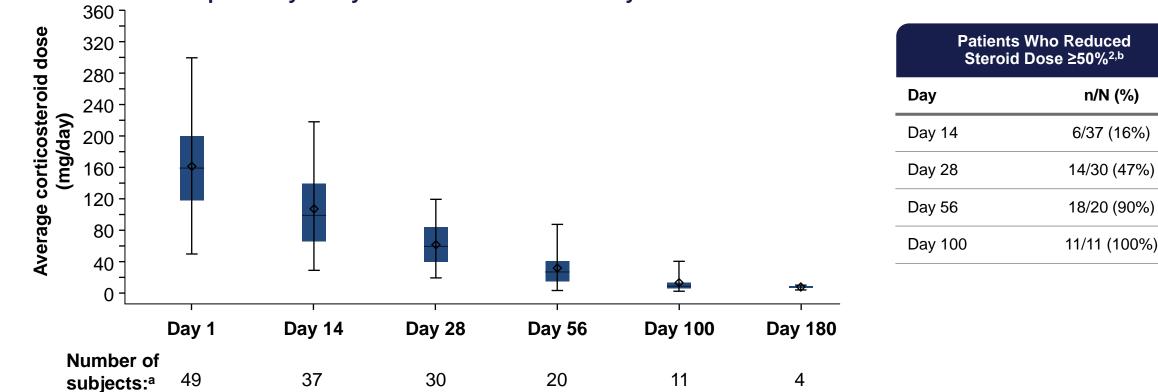
^a Progression was defined as worsening by 1 stage in any organ without improvement in other organs in comparison to prior response assessment. ^b Increase from baseline dose. NE, not established.

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REACH1: Efficacy Data

Exploratory Analysis: Reduction in On-Study Steroid Dose

47% of patients remaining on ruxolitinib were able to reduce their steroid dose by ≥50% at day 28¹



Exploratory Analysis: Reduction in On-Study Steroid Dose²

^a For days 14, 28, 56, 100, and 180, average CS dose (mg/day) = total CS dose (mg) for the week ending on the specified study day 7². CS dose (mg) = methylprednisolone dose (mg)×1.25 + prednisone dose (mg)². ^b Percentage of patients still receiving Jakafi and CS who had a \geq 50% decrease in CS dose relative to initial dose.² CS, corticosteroid.

1. Jakafi® (ruxolitinib). Prescribing Information. Incyte Corporation. 2. Data on file, Incyte Corporation.

REACH1: Nonhematologic Adverse Reactions Occurring in ≥15% of Patients^a

Infections:^b site-/organspecific (eg, urinary tract, lung)

Bacterial infections: organismspecific (eg, *clostridium difficile*)

Viral infections: organismspecific (eg, CMV, BK virus)

	Ruxolitinib (N=71)		
Adverse Reactions, %	All Grades ^c	Grade 3-4	
Infections	55	41	
Edema	51	13	
Hemorrhage	49	20	
Fatigue	37	14	
Bacterial infections	32	28	
Dyspnea	32	7	
Viral infections	31	14	
Thrombosis	25	11	
Diarrhea	24	7	
Rash	23	3	
Headache	21	4	
Hypertension	20	13	
Dizziness	16	0	

- There were no fatal adverse reactions to ruxolitinib treatment
- Adverse reactions resulting in treatment discontinuation occurred in 31% of patients
 - The most common adverse reaction leading to treatment discontinuation was infection (10%)

^a At the time of the 3-month data cutoff. ^b Fungal infections occurred in fewer than 15% of patients and are not listed in this table. ^c National Cancer Institute CTCAE, version 4.03. CMV, cytomegalovirus; CTCAE, Common Terminology Criteria for Adverse Events. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.



REACH1: Selected Laboratory Abnormalities Worsening From Baseline

	Ruxolitinib (N=71) Worst Grade During Treatment		
Laboratory Parameter, %	All Grades ^a Grade 3-4		
Hematology			
Anemia	75	45	
Thrombocytopenia	75	61	
Neutropenia	58	40	
Chemistry			
Elevated ALT	48	8	
Elevated AST	48	6	
Hypertriglyceridemia	11	1	

^a National Cancer Institute CTCAE, version 4.03.

ALT, alanine aminotransferase; AST, aspartate aminotransferase.

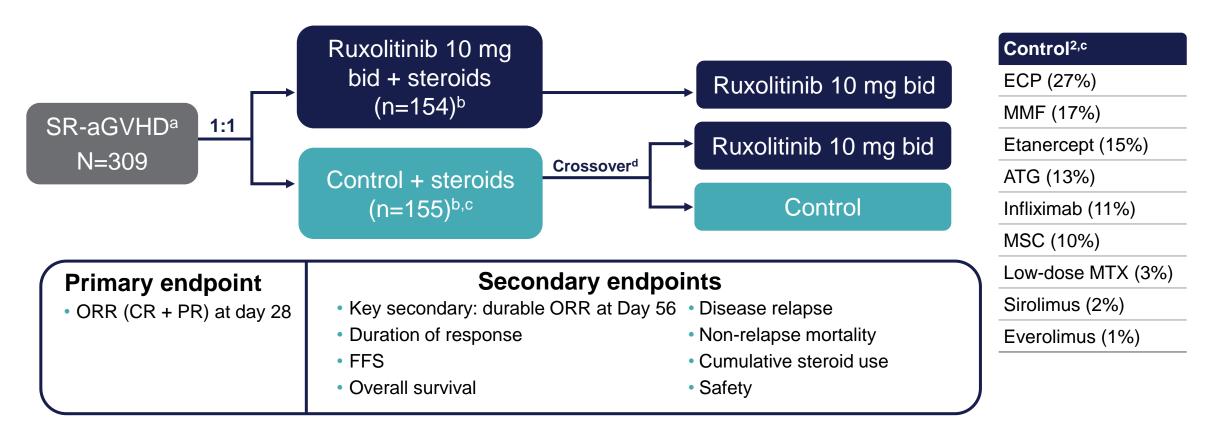
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REACH1: Data Summary

- In the single-cohort, open-label REACH1 study, 71 patients with aGVHD were treated with ruxolitinib
 - Median duration of treatment with ruxolitinib was 46 days (range, 4-382 days)
 - In total, 49 patients were refractory to corticosteroids alone
- Efficacy for patients refractory to steroids alone (n=49):
 - 57% of patients achieved an overall response at day $28^{\rm a}$
 - Median duration of response^b was 16 days (95% CI, 9-83)
 - Median time from day 28 response to death or need for new therapy for aGVHD was 173 days (95% CI, 66-NE)
 - 47% of patients remaining on ruxolitinib were able to reduce their steroid dose by ≥50% at day 28
- Safety (N=71)
 - The most frequent nonhematologic adverse reactions were infections and edema (incidence >50%)
 - Treatment discontinuation due to adverse reactions occurred in 31% of patients
 - The most common adverse reaction leading to treatment discontinuation was infection (10%)
 - Anemia, thrombocytopenia, and neutropenia were the most common hematologic adverse reactions (incidence >50%)



REACH2: Phase 3, Open-Label, Randomized Study of Ruxolitinib vs Control in SR-aGVHD¹



REACH2 is not included in the Jakafi prescribing information.

^a Randomization occurred according to baseline aGVHD grade. ^b Standard supportive therapy (including growth factors, anti-infective medication, transfusion support, and other standard supportive care measures) was allowed in both treatment groups in addition to the continued use of calcineurin inhibitors and glucocorticoids. ^c Control was chosen by the investigator at the time of randomization. ^d Crossover to ruxolitinib therapy was permitted if patients did not have a response at day 28 or if they had a loss of response and received additional systemic therapy and did not have signs of cGVHD.

ATG, antithymocyte globulin; ECP, extracorporeal photopheresis; MMF, mycophenolate mofetil; MSC, mesenchymal stromal cells; MTX, methotrexate. 1. Zeiser R, et al. N Engl J Med. 2020;382:1800-1810. 2. Data on File. Incyte Corporation. Incyte

REACH2: Key Eligibility Criteria

Steroid refractory^a defined as:

- Progressive disease after 3 days of primary treatment, or
- No response after 7 days of primary treatment, or
- Treatment failure during primary treatment taper or inability to taper

Inclusion criteria

- Age ≥12 years
- Recipients of allo-HSCT
- Grade 2-4 SR-aGVHD

Exclusion criteria

- Disease relapse
- Active, uncontrolled infection
- Previously received more than one treatment for SR-aGVHD
- Previously received JAKi therapy for any indication after initiation of allo-HSCT conditioning

^a High-dose systemic glucocorticoid therapy with or without calcineurin inhibitors. Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.



REACH2: Baseline Characteristics

Characteristic ^a	Ruxolitinib 10 mg bid (n=154)	Control (n=155)
Median age, y (range)	52.5 (12-73)	54.0 (13-71)
Male, n (%)	92 (60)	91 (59)
Race: Caucasian, n (%)	111 (72)	102 (66)
aGVHD grade, n (%)		
II	50 (32.5)	54 (34.8)
III	68 (44.2)	68 (43.9)
IV	30 (19.5)	32 (20.6)
SR criteria, n (%)		
Progression after 3 days	35 (22.7)	43 (27.7)
Response failure after 7 days	72 (46.8)	63 (40.6)
Failure to steroid taper	47 (30.5)	49 (31.6)

^a Baseline characteristics were well balanced between the 2 groups. SR, steroid refractory. Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.

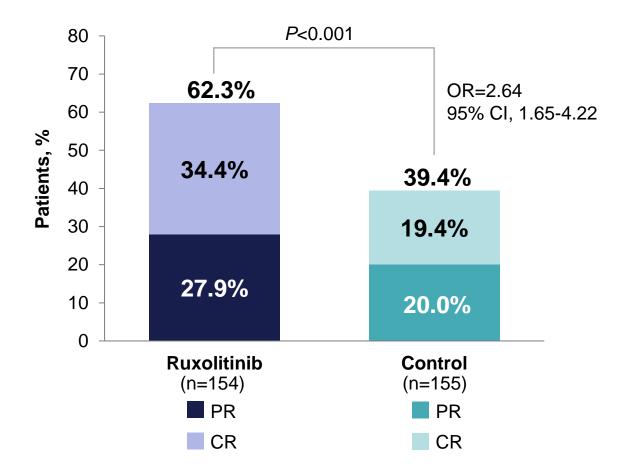


REACH2: Baseline Characteristics

Characteristic	Ruxolitinib 10 mg bid (n=154)	Control (n=155)
Primary malignancy, n (%)		
Acute leukemia/MDS ^a	113 (73.4)	111 (71.6)
Non-Hodgkin lymphoma	9 (5.8)	19 (12.3)
Hodgkin lymphoma	6 (3.9)	2 (1.3)
Other ^b	19 (12.3)	15 (9.7)
Stem cell type, n (%)		
PBSCs	134 (87.0)	118 (76.1)
Bone marrow	19 (12.3)	30 (19.4)
Single cord blood	1 (0.6)	7 (4.5)

^a Includes acute lymphoblastic leukemia, acute myelogenous leukemia, MDS, and other acute leukemias. ^b Includes chronic myelogenous leukemia, excess blasts from Fanconi syndrome, multiple myeloma, and other leukemias/malignant disease. MDS, myelodysplastic syndrome. Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.

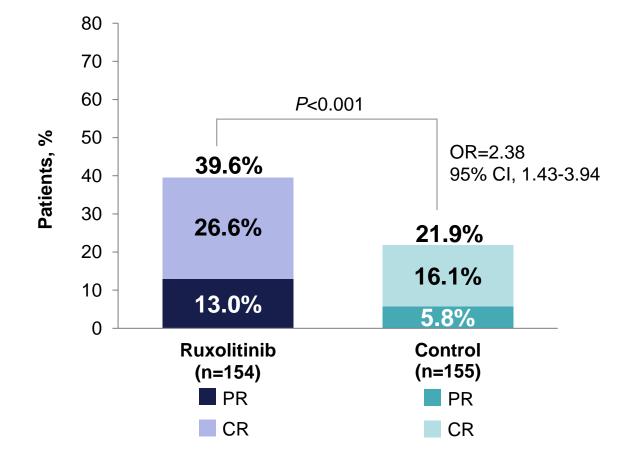
REACH2 Primary Endpoint: ORR at Day 28



OR, odds ratio. Zeiser R, et al. *N Engl J Med*. 2020;382:1800-1810.



REACH 2 Key Secondary Endpoint: Durable Overall Response at Day 56



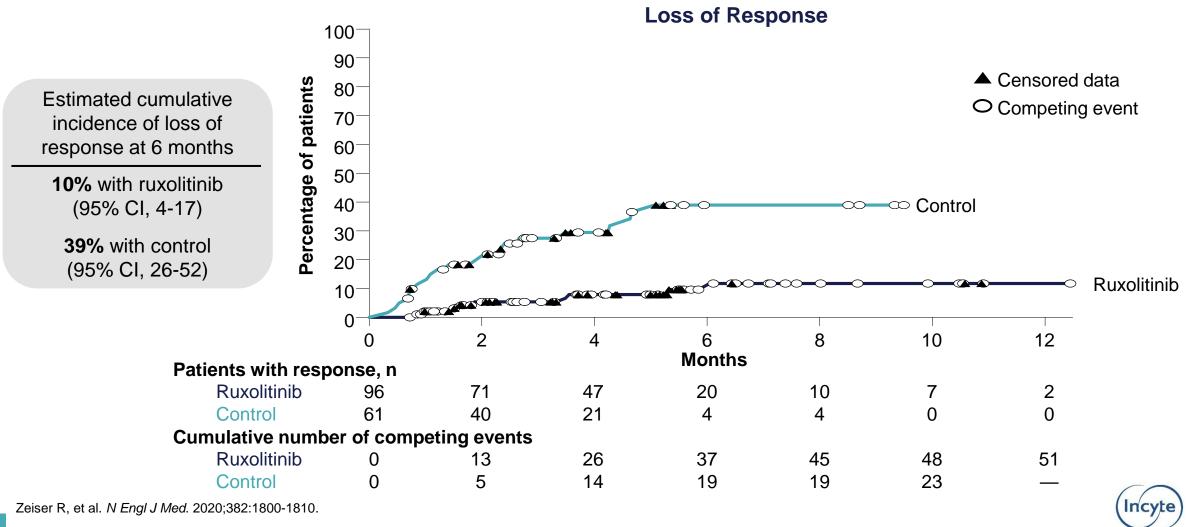
Discontinued steroids by day 56

21% of patients (n=32) receiving ruxolitinib14% of patients (n=21) receiving control

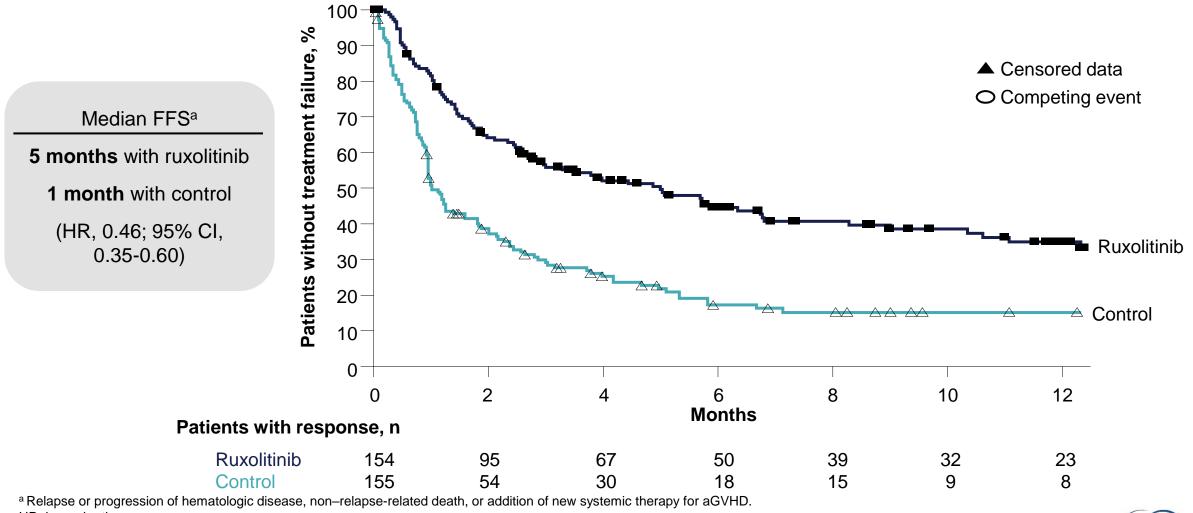
^a Patients who responded at day 28 and maintained response at day 56. Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.



REACH2: DOR With Ruxolitinib Compared With Control



REACH2: Median FFS With Ruxolitinib Compared With Control



HR, hazard ratio.

Zeiser R, et al. N Engl J Med. 2020;382:1800-1810.

REACH2: AEs Occurring in ≥12% of Patients Up to Day 28 (Safety Population)

$\Delta E = p \left(\frac{9}{2} \right)$	Ruxolitini	Ruxolitinib (n=152)		(n=150)
AE, n (%)	Any Grade	Grade ≥3	Any Grade	Grade ≥3
Thrombocytopenia	50 (33)	41 (27)	27 (18)	23 (15)
Anemia	46 (30)	33 (22)	42 (28)	28 (19)
CMV ^a	39 (26)	11 (7)	31 (21)	12 (8)
Peripheral edema	28 (18)	2 (1)	26 (17)	1 (1)
Platelet count decreased	26 (17)	22 (14)	21 (14)	20 (13)
Neutropenia	24 (16)	20 (13)	19 (13)	14 (9)
Hypokalemia	20 (13)	9 (6)	25 (17)	9 (6)
Hypomagnesemia	15 (10)	0	20 (13)	1 (1)

• Serious AEs occurred in 57 patients (38%) receiving ruxolitinib and in 51 (34%) receiving control

• AEs led to treatment discontinuation in 17 patients (11%) receiving ruxolitinib and 7 (5%) receiving control

^a A distinction between CMV infection and reactivation was not made in this study. AE, adverse event. Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.

REACH2: Rate of Infection Up to Day 28 (Safety Population)

Ruxolitinil	Ruxolitinib (n=152)ª		Control (n=150) ^b	
Any Grade	Grade 3	Any Grade	Grade 3	
93 (61.2)	34 (22.4)	82 (54.7)	28 (18.7)	
13 (8.6)	7 (4.6)	6 (4.0)	3 (2.0)	
65 (42.8)	13 (8.6)	50 (33.3)	12 (8.0)	
45 (29.6)	18 (11.8)	48 (32.0)	13 (8.7)	
	Any Grade 93 (61.2) 13 (8.6) 65 (42.8)	Any GradeGrade 393 (61.2)34 (22.4)13 (8.6)7 (4.6)65 (42.8)13 (8.6)	Any GradeGrade 3Any Grade93 (61.2)34 (22.4)82 (54.7)13 (8.6)7 (4.6)6 (4.0)65 (42.8)13 (8.6)50 (33.3)	

^a In the ruxolitinib group, there were also 13 infections categorized as "unknown" (grade 3: 4) and 4 categorized as "other" (grade 3: 0). ^b In the Control group, there were also 8 infections categorized as "unknown" (grade 3: 4) and 1 as "other" (grade 3: 0). Zeiser R, et al. *N Engl J Med.* 2020;382:1800-1810.



REACH2: Causes of Death

Mortality, n (%)	Ruxolitinib 10 mg bid (n=154)	Control (n=155)
Death at data cutoff	72 (47)	77 (51)
Attributed to aGVHD	34 (22)	37 (25)
Disease progression		
Neoplasms	8 (5)	8 (5)
Multiple organ dysfunction syndrome	3 (2)	1 (1)
Sepsis	4 (3)	3 (2)
Septic shock	3 (2)	3 (2)



REACH2 Summary

- Among patients with grade 2 to 4 SR-aGVHD, ruxolitinib was associated with a significantly higher ORR at day 28 compared with control (62.3% vs 39.4%, respectively; P<0.001)
 - Ruxolitinib was also associated with a greater DOR at day 56 when compared with control (39.6% vs 21.9%, respectively; *P*<0.001)
 - DOR and FFS were both longer with ruxolitinib than with control
- The most common AEs up to day 28 were thrombocytopenia, anemia, and CMV
- Rate of infection was similar between ruxolitinib and control, with infection of grade 3 severity occurring in 22% and 19% of patients, respectively
- In both groups, the main causes of death were related to progression of either aGVHD or relapse of primary disease

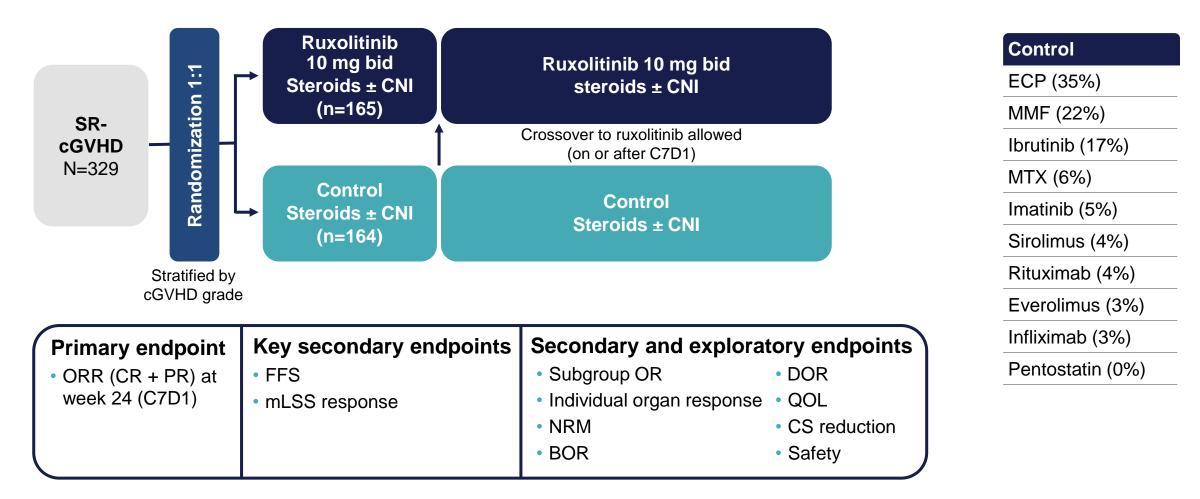




cGVHD: Ruxolitinib Efficacy and Safety

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REACH3: Phase 3, Open-Label, Randomized Study of Ruxolitinib vs Control in SR-cGVHD



BOR, best overall response; CNI, calcineurin inhibitor; C7D1, cycle 7, day 1; mLSS, modified Lee Symptom Scale; QOL, quality of life. Zeiser R, et al. *N Engl J Med.* 2021;385:228-238.



REACH3: Key Eligibility Criteria

Steroid-refractory or -dependent cGVHD defined per 2014 NIH consensus criteria^{1,2}

- Lack of response or disease progression after prednisone^a ≥1 mg/kg/day for ≥1 week, or
- Disease persistence without improvement despite continued treatment with prednisone at >0.5 mg/kg/day or 1 mg/kg/every other day for ≥4 weeks, or
- Increase in prednisone dose to >0.25 mg/kg/day after 2 unsuccessful attempts to taper the dose

Inclusion criteria¹

- Age ≥12 years
- Recipients of allogeneic stem cell transplantation
- Moderate or severe glucocorticoid-refractory or dependent cGVHD
- Previous treatment with JAKi therapy for aGVHD if treatment had resulted in CR or PR and if they had discontinued JAKi treatment ≤8 weeks before receiving the first dose of ruxolitinib or control therapy
- Evident myeloid and platelet engraftment^b

Exclusion criteria¹

- Previous treatment with ≥2 systemic therapies for cGVHD in addition to glucocorticoids, with or without calcineurin inhibitors
- Relapse of the primary cancer
- Graft loss within 6 months before treatment initiation
- Active, uncontrolled infection



^a Or prednisone equivalent. ^b ANC>1,000/mm³ and platelet count ≥25,000/mm³.

ANC, absolute neutrophil count; NIH, National Institutes of Health.

^{1.} Zeiser R, et al. N Engl J Med. 2021;385:228-238. 2. Martin PJ, et al. Biol Blood Marrow Transplant. 2015;21:1343-1359.

REACH3: Baseline Demographics

Characteristic	Ruxolitinib n=165	Control n=164
Median age, (range), y	49 (13-73)	50 (12-76)
Age 12 to <18 y, n (%)	4 (2)	8 (5)
Age >65 y, n (%)	18 (11)	22 (13)
Male, n (%)	109 (66)	92 (56)
Race, n (%)		
White	116 (70)	132 (81)
Black	2 (1)	0
Asian	33 (20)	21 (13)
Other	9 (5.5)	4 (2.4)
Unknown	3 (1.8)	7 (4.3)
Primary malignancy, n (%)		
Leukemia/MDS	121 (73.3)	122 (74.4)
Lymphoma (Hodgkin/NHL)	26 (15.8)	33 (20.1)
Myeloproliferative neoplasm	9 (5.5)	5 (3)
Nonmalignant disease	8 (4.8)	2 (1.2)
Other	1 (0.6)	2 (1.2)

NHL, non-Hodgkin lymphoma.

Zeiser R, et al. N Engl J Med. 2021;385:228-238.



REACH3: Transplant Characteristics

Characteristic	Ruxolitinib n=165	Control n=164
Stem cell source, n (%)		
Peripheral blood	141 (85.5)	131 (79.9)
Bone marrow	22 (13.3)	31 (18.9)
Single cord blood	2 (1.2)	2 (1.2)
Donor type, n (%) ^a		
Related	91 (54.5)	87 (52.1)
Unrelated	76 (45.5)	80 (47.9)
Prior aGVHD, n (%)		
Any	92 (55.8)	88 (53.7)
Grade I	25 (15.2)	30 (18.3)
Grade II	53 (32.1)	43 (26.2)
Grade III	14 (8.5)	12 (7.3)
Grade IV	0	3 (1.8)
SR-aGVHD	18 (10.9)	17 (10.4)

^a Some patients underwent more than 1 transplant. Zeiser R, et al. *N Engl J Med.* 2021;385:228-238.



REACH3: GVHD Characteristics

Characteristic	Ruxolitinib n=165	Control n=164
Median (range) corticosteroid dose at baseline (PE mg/kg) ^{1,a}	0.29 (0.01-1.81)	0.26 (0.06-1.21)
Prior therapy ¹		
Failed first-line steroids alone	115 (70)	125 (76)
Failed first-line combination including steroids	42 (25)	30 (18)
Failed 2 lines of therapy	6 (4)	8 (5)
No prior treatment for cGVHD	2 (1)	1 (1)
Refractory/dependent criteria ² , n (%)		
No response or disease progression after steroids ^b	62 (37.6)	73 (44.5)
Disease persistence despite continued treatment with steroids ^c	58 (35.2)	42 (25.6)
Prednisone dose increase after 2 unsuccessful taper attempts ^d	45 (27.3)	49 (29.9)

^a PE milligrams/kilogram. ^b Lack of response or disease progression after prednisone $\geq 1 \text{ mg/kg/day}$ for $\geq 1 \text{ week}$. ^c Disease persistence without improvement despite continued treatment with prednisone at >0.5 mg/kg/day or 1 mg/kg/every other day for ≥ 4 weeks. ^d Increase in prednisone dose to >0.25 mg/kg/day after 2 unsuccessful attempts to taper the dose. PE, prednisone equivalent.

1. Jakafi® (ruxolitinib). Prescribing Information. Incyte Corporation. 2. Zeiser R, et al. N Engl J Med. 2021;385:228-238.



REACH3: Disease Characteristics

Characteristic	Ruxolitinib n=165	Control n=164
Median time from transplant to randomization ¹ , (range), wk	69.4 (4.1-372.0)	63.21 (7.4-1427.7)
Median time from cGVHD onset to randomization ¹ , (range), wk	24.9 (1.0-288.1)	21.4 (1.4-278.1)
cGVHD severity at initial diagnosis ² , n (%)		
Mild	33 (20)	41 (25)
Moderate	77 (46.7)	77 (47)
Severe	53 (32.1)	45 (27.4)
Unknown	1 (0.6)	0
Missing	1 (0.6)	1 (0.6)
cGVHD severity at study entry, n (%) ^{1,a}		
Mild	1 (0.6)	1 (0.6)
Moderate	67 (40.6)	74 (45.15)
Severe	97 (58.8)	89 (54.3)
≥4 organs involved³, n (%)	67 (41)	63 (38)
Median (range) mLSS score ¹	19 (0-80)	18 (1-54)

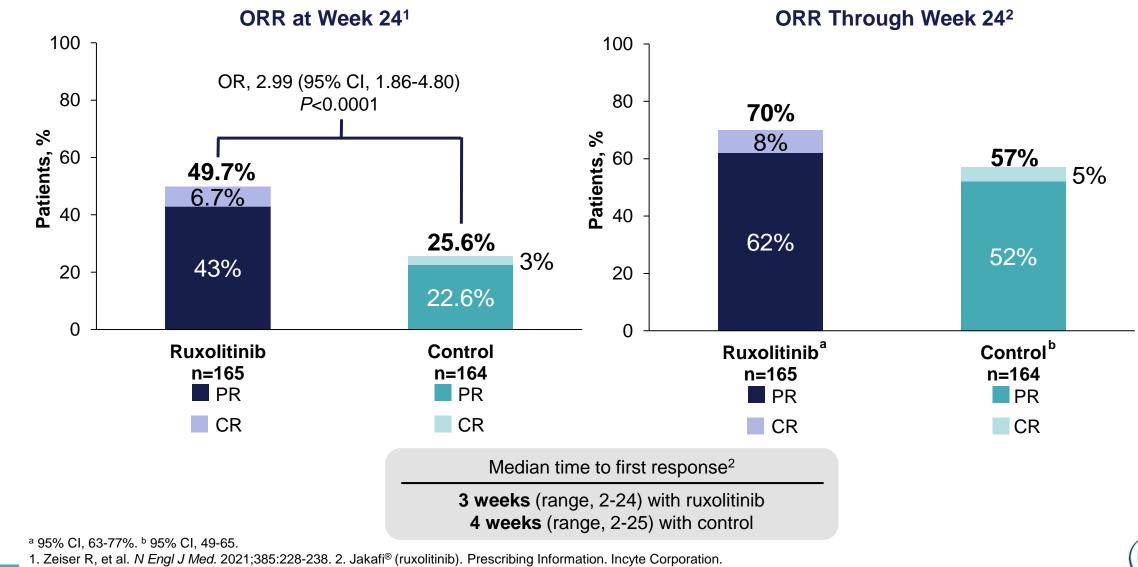
^a Severity was graded according to NIH consensus staging criteria at screening. Enrollment of patients with mild glucocorticoid-refractory or -dependent cGVHD was considered a protocol deviation.^{1,4}

wk, week.

1. Zeiser R, et al. *N Engl J Med.* 2021;385:228-238. 2. Data on file, Incyte Corporation. 3. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation. 4. Jagasia MH, et al. *Biol Blood Marrow Transplant.* 2015;21:389-401.e1.

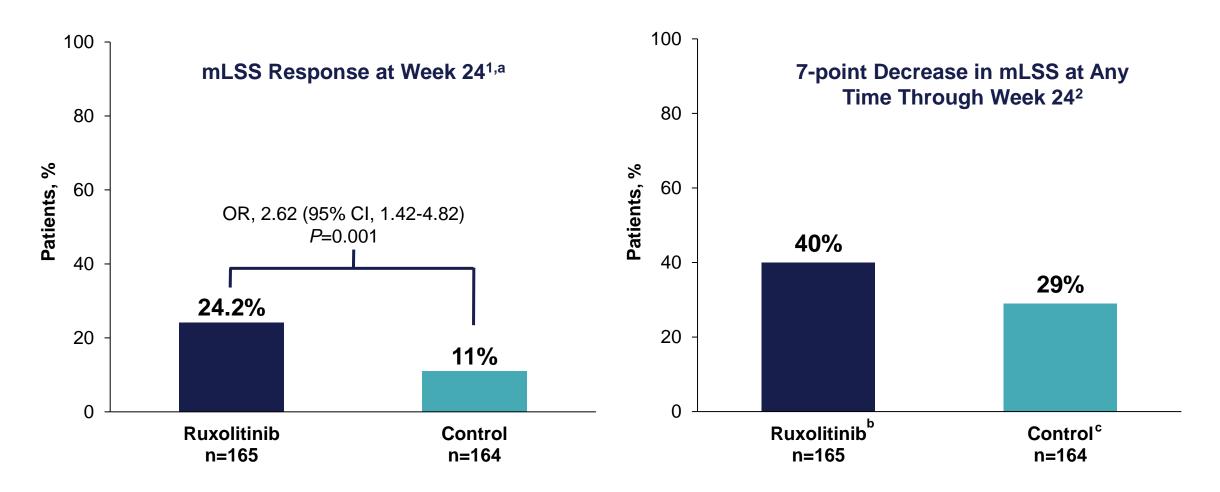


REACH3 Primary Endpoint: ORR





REACH3 Key Secondary Endpoint: mLSS Response

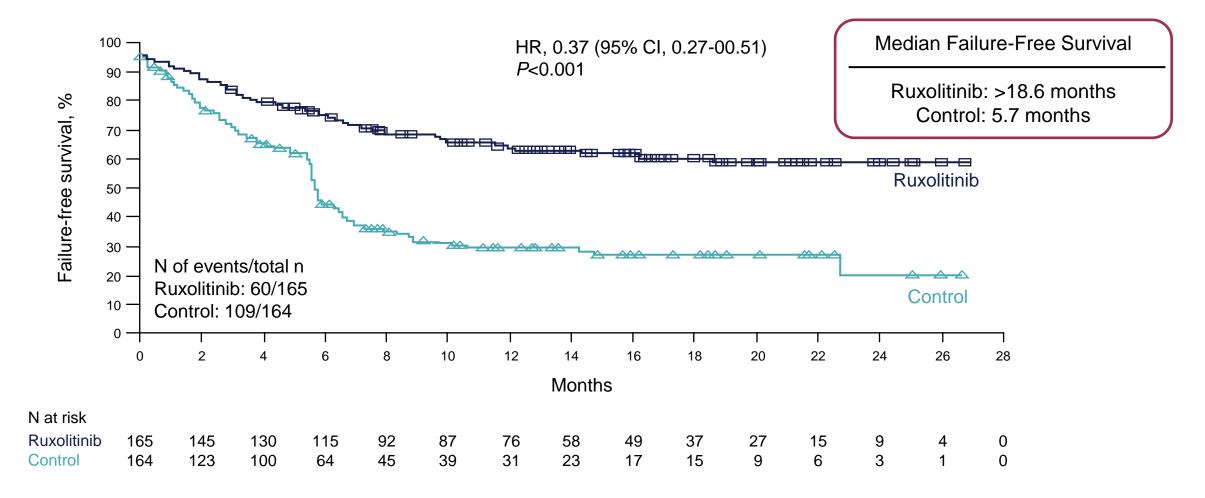


^a mLSS defined as a \geq 7-point reduction from baseline in total symptom score on the scale, which measures the symptoms of cGVHD on a scale of 0 to 100, with higher scores indicating worse symptoms. ^b 95% CI, 32-48. ^c 95% CI, 22-36.

1. Zeiser R, et al. N Engl J Med. 2021;385:228-238. 2. JAKAFI® (ruxolitinib). Prescribing Information. Incyte Corporation.



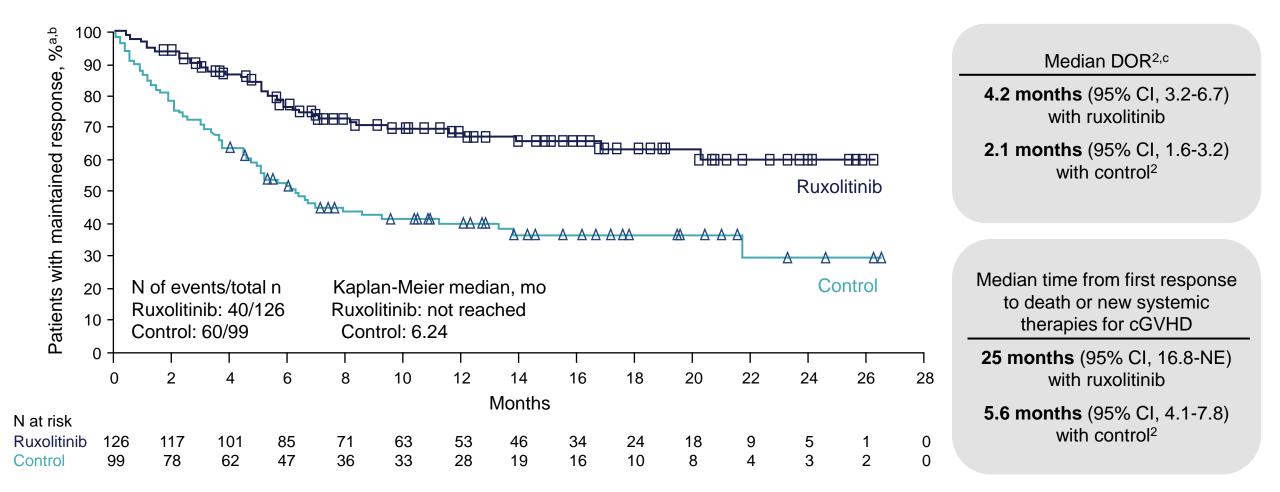
REACH3 Key Secondary Endpoint: FFS at Week 24





Zeiser R, et al. N Engl J Med. 2021;385:228-238.

REACH3: DOR^{1,a,b}

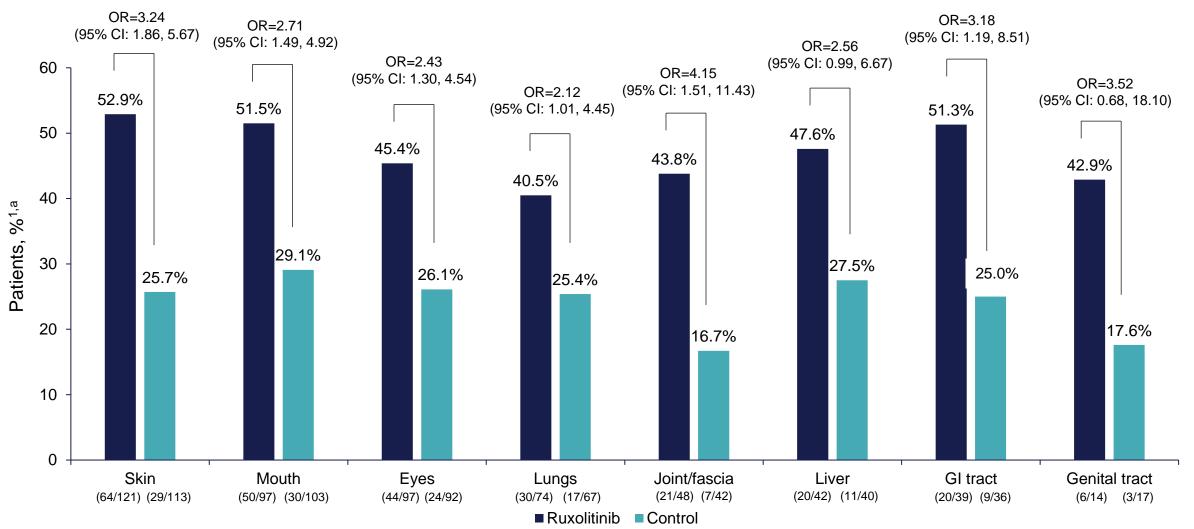


^a The comparisons for DOR are based on the subgroup of patients who had a CR or PR at any time up to week 24. ^b DOR to treatment was measured as the time from first documented

CR or PR. ^c Median DOR was calculated from first response to progression, death, or new system therapies for cGVHD.

1. Zeiser R, et al. N Engl J Med. 2021;385:228-238. 2. JAKAFI® (ruxolitinib). Prescribing Information. Incyte Corporation.

REACH3: ORR by Organ Involvement



Patients with >1 affected organ were counted in each organ subgroup.

^a Organ involvement defined as organ score ≥1 based on the cGVHD staging criteria.²

1. Zeiser R, et al. N Engl J Med. 2021;385:228-238. 2. Jagasia MH, et al. Biol Blood Marrow Transplant. 2015;21:389-401.e1.



REACH3: All Grade (≥10%) and Grades 3-5 (≥3%) Nonlaboratory Adverse Reactions up to Week 24

AE		olitinib 165	Control n=158	
	All Grades (%)	Grade ≥3 (%)	All Grades (%)	Grades ≥3 (%)
Infections and infestations				
Infection (pathogen not specified)	45	15	44	16
Viral infection	28	5	23	5
Musculoskeletal and connective tissue disorders				
Musculoskeletal pain	18	1	13	0
General disorders and administration site conditions				
Pyrexia	16	2	9	1
Fatigue	13	1	10	2
Edema	10	1	12	1



REACH3: All Grade (≥10%) and Grades 3-5 (≥3%) Nonlaboratory Adverse Reactions up to Week 24 (cont)

AE ^a	Ruxolitinib n=165		Control n=158	
	All Grades ^b (%)	Grade ≥3 (%)	All Grades (%)	Grades ≥3 (%)
Vascular disorders				
Hypertension	16	5	13	7
Hemorrhage	12	2	15	2
Respiratory, thoracic, and mediastinal disorders				
Cough	13	0	8	0
Dyspnea	11	1	8	1
Gastrointestinal disorders				
Nausea	12	0	13	2
Diarrhea	10	1	13	1

^a Grouped terms that are composites of applicable adverse reactions terms. ^b National Cancer Institute CTCAE, version 4.03. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.

REACH3: Selected Laboratory Abnormalities up to Week 24

Laboratory Test ^a		Ruxolitinib n=165		Control n=158	
	All Grades (%)	Grade ≥3 (%)	All Grades (%)	Grades ≥3 (%)	
Hematology					
Anemia	82	13	75	8	
Neutropenia	27	12	23	9	
Thrombocytopenia	58	20	54	17	
Chemistry					
Hypercholesterolemia	88	10	85	8	
Elevated AST	65	5	54	6	
Elevated ALT	73	11	71	16	
GGT increased	81	42	75	38	
Creatinine increased	47	1	40	2	
Elevated lipase	38	12	30	9	
Elevated amylase	35	8	25	4	

^a Presented values are worst grade values regardless of baseline. GGT, gamma glutamyltransferase. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.



REACH3: CMV Infection

CMV Infection (Safety Set), n (%)		Ruxolitinib n=165		Control n=158	
	At C7D1	At Data Cutoff	At C7D1	At Data Cutoff	
Patients with ≥1 event	15 (9.1)	16 (9.7)	17 (10.8)	18 (11.4)	
CMV infection reactivation	9 (5.5)	9 (5.5)	13 (8.2)	14 (8.9)	
CMV infection	2 (1.2)	2 (1.2)	2 (1.3)	2 (1.3)	
CMV test positive	2 (1.2)	3 (1.8)	2 (1.3)	2 (1.3)	
CMV enteritis	1 (0.6)	1 (0.6)	0	0	
CMV viremia	1 (0.6)	1 (0.6)	2 (1.3)	2 (1.3)	
Cytomegaloviral pneumonia	1 (0.6)	1 (0.6)	2 (1.3)	2 (1.3)	

REACH3: Summary

- Among patients with SR-aGVHD, ruxolitinib was associated with a significantly higher ORR at week 24 compared with control (49.7% vs 25.6%, respectively; *P*<0.0001) and higher ORR through week 24 (70% vs 57%, respectively)^{1,2}
 - Ruxolitinib was also associated with higher mLSS response at week 24 compared with control (24.2% vs 11%, P=0.001)²
 - Median time from first response to death or new systemic therapies for cGVHD was 25 months with ruxolitinib and 5.6 months with control¹
 - Median duration of response was 4.2 months with ruxolitinib and 2.1 months with control¹
- The most common grade 3 and higher AEs across both groups were cytopenias, infection, increased GGT, hypercholesterolemia, elevated AST, elevated ALT¹
- Rate of infection was similar between ruxolitinib and control, with infection of grade ≥3 severity occurring in 19% and 18% of patients, respectively²





Ruxolitinib Dosing in GVHD

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Ruxolitinib Dosing in aGVHD

• Recommended starting dose: 5 mg bid

Dose increases

 Consider increasing the dose to 10 mg bid after at least 3 days of treatment if the ANC and platelet counts are not decreased by 50% or more relative to the first day of dosing with ruxolitinib

Tapering of ruxolitinib

- Consider tapering ruxolitinib after
 6 months of treatment in patients
 with response who have
 discontinued therapeutic doses of
 corticosteroids
- Taper ruxolitinib by 1 dose level approximately every 8 weeks (10 mg bid to 5 mg bid to 5 mg qd)
- If aGVHD signs or symptoms recur during or after the taper of ruxolitinib, consider retreatment

Monitoring

 Monitor complete blood counts, including platelet count and ANC, and bilirubin prior to initiating therapy, every 2-4 weeks until doses are stabilized, and then as indicated clinically



Dose Modification Guidelines for Patients With aGVHD *By Laboratory Parameter*

Laboratory Parameter	Dosing Recommendations
Clinically significant thrombocytopenia after supportive measures	 Reduce dose by 1 level. When platelets recover to previous values, dosing may return to prior dose level
ANC <1x10 ⁹ /L considered related to ruxolitinib	 Hold ruxolitinib for up to 14 days; resume at 1 dose level lower upon recovery
	 3-5xULN: continue ruxolitinib at 1 dose level lower until recovery
Total bilirubin elevation, no liver GVHD	 >5-10xULN: hold ruxolitinib for up to 14 days until bilirubin ≤1.5xULN; resume at current dose upon recovery
	 Total bilirubin >10xULN: hold ruxolitinib for up to 14 days until bilirubin ≤1.5xULN; resume at 1 dose level lower upon recovery
Total bilirubin elevation, liver GVHD	 >3xULN: continue ruxolitinib at 1 dose level lower until recovery

ULN, upper limit of normal. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.

Ruxolitinib Dosing in cGVHD

• Recommended starting dose: 10 mg bid

Dose reductions

- For dose reductions, patients who are currently receiving Jakafi 10 mg bid may have their dose reduced to 5 mg bid; patients receiving 5 mg bid may have their dose reduced to 5 mg qd
- Patients who are unable to tolerate ruxolitinib at a dose of 5 mg qd should have treatment interrupted until their clinical and/or laboratory parameters recover

Tapering of ruxolitinib

- Consider tapering ruxolitinib after 6 months of treatment in patients with response who have discontinued therapeutic doses of corticosteroids
- Taper ruxolitinib by 1 dose level approximately every 8 weeks (10 mg bid to 5 mg bid to 5 mg qd)
- If GVHD signs or symptoms recur during or after the taper of ruxolitinib, consider retreatment

Monitoring

 Monitor complete blood counts, including platelet count and ANC, and bilirubin prior to initiating therapy, every 2-4 weeks until doses are stabilized, and then as indicated clinically



Dose Modification Guidelines for Adverse Reactions in Patients With cGVHD

Parameter	Dosing Recommendations
Platelet count <20x10 ⁹ /L	 Reduce dose by 1 level. If resolved within 7 days, dosing may return to initial dose level. If not resolved within 7 days, then maintain at 1 dose level lower
ANC <0.75x10 ⁹ /L considered related to ruxolitinib	 Reduce ruxolitinib by 1 dose level; resume at initial dose level upon recovery
ANC <0.5x10 ⁹ /L considered related to ruxolitinib	 Hold ruxolitinib for up to 14 days; resume at 1 dose level lower upon recovery. May resume initial dose level when ANC >1x10⁹/L
Total bilirubin: 3-5xULN	 Continue ruxolitinib at 1 dose level lower until recovery. If resolved within 14 days, then increase by 1 dose level. If not resolved within 14 days, then maintain the decreased dose level
Total bilirubin: >5-10xULN	 Hold ruxolitinib for up to 14 days until resolved; resume at current dose upon recovery. If not resolved within 14 days, then resume at 1 dose level lower upon recovery
Total bilirubin: >10xULN	 Hold ruxolitinib for up to 14 days until resolved; resume at 1 dose level lower upon recovery. If not resolved within 14 days, discontinue
Other AEs: grade 3	Continue ruxolitinib at 1 dose level lower until recovery
Other AEs: grade 4	Discontinue ruxolitinib

Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.



Dose Modification Guidelines for Patients With aGVHD and cGVHD *For Concomitant Use With Strong CYP3A4 Inhibitors or Fluconazole*

- Modify the ruxolitinib dose when coadministered with strong CYP3A4 inhibitors or doses <200 mg of fluconazole
- Avoid concomitant use of ruxolitinib with fluconazole doses >200 mg qd

For Patients Coadministered Strong CYP3A4 Inhibitors or Doses ≤200 mg of Fluconazole	Starting Dose for Patients With cGVHD
Fluconazole doses ≤200 mg	 5 mg ruxolitinib qd for patients with aGVHD 5 mg ruxolitinib bid for patients with cGVHD
Other CYP3A4 inhibitors	 Monitor blood counts more frequently for toxicity and modify the ruxolitinib dosage for adverse reactions if they occur

CYP3A4, cytochrome P450 3A4. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.

Dose Modification Guidelines for Renal and Hepatic Impairment for Patients With aGVHD and cGVHD

Impairment	Dosing Recommendations
Denelimeneirment	 Patients with aGVHD: Moderate (CL_{cr} 30-59 mL/min) or severe (CL_{cr} 15-29 mL/min): 5 mg qd ESRD (CL_{cr} <15 mL/min) on dialysis: 5 mg once after dialysis session
Renal impairment	 Patients with cGVHD: Moderate (CL_{cr} 30-59 mL/min) or severe (CL_{cr} 15-29 mL/min): 5 mg bid ESRD (CL_{cr} <15 mL/min) on dialysis: 10 mg once after dialysis session
	 Patients with aGVHD: Mild, moderate, or severe based on NCI criteria without liver GVHD: no dose adjustment Stage 1, 2, or 3 liver aGVHD: no dose adjustment Stage 4 liver aGVHD: 5 mg qd
Hepatic impairment	 Patients with cGVHD: Mild, moderate, or severe based on NCI criteria without liver GVHD: no dose adjustment Score 1 or 2 liver cGVHD: no dose adjustment Score 3 liver cGVHD: monitor blood counts more frequently for toxicity and modify the ruxolitinib dosage for adverse reactions if they occur

CL_{cr}, creatinine clearance; ESRD, end-stage renal disease; NCI, National Cancer Institute. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.

Pharmacokinetics of Ruxolitinib¹

Absorption	Distribution	Elimination	Metabolism	Excretion
 Ruxolitinib achieves C_{max} within 1-2 hours post-dose Oral absorption of ruxolitinib is estimated to be at least 95% 	2 hoursruxolitinib is approximately 97%, mostly to albuminlife is approximately 3 hoursmetabolized by CYP3A4 and to a lesser extent by CYP2C9on of stimatedMean elimination half- life of ruxolitinib and itsextent by CYP2C9	 Following a single oral dose of radiolabeled ruxolitinib, 74% of radioactivity was excreted in urine and 22% via feces 		
		 Ruxolitinib clearance (% coefficient of variation) 		
	- 11.8 L/h (63) in patients with aGVHD			
		—9.7 L/h (51) in patients with cGVHD		







Warnings, Precautions, and Specific Populations

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Thrombocytopenia, Anemia and Neutropenia

- Treatment with Jakafi can cause thrombocytopenia, anemia and neutropenia
- Manage thrombocytopenia by reducing the dose or temporarily interrupting Jakafi. Platelet transfusions
 may be necessary
- Patients developing anemia may require blood transfusions and/or dose modifications of Jakafi
- Severe neutropenia (ANC less than 0.5 × 10⁹/L) was generally reversible by withholding Jakafi until recovery
- Perform a pre-treatment complete blood count and monitor CBCs every 2 to 4 weeks until doses are stabilized, and then as clinically indicated

55





Risk of Infection

 Serious bacterial, mycobacterial, fungal and viral infections have occurred. Delay starting therapy with Jakafi until active serious infections have resolved. Observe patients receiving Jakafi for signs and symptoms of infection and manage promptly. Use active surveillance and prophylactic antibiotics according to clinical guidelines

Tuberculosis

- Tuberculosis infection has been reported in patients receiving Jakafi. Observe patients receiving Jakafi for signs and symptoms of active tuberculosis and manage promptly
- Prior to initiating Jakafi, patients should be evaluated for tuberculosis risk factors, and those at higher risk should be tested for latent infection. Risk factors include, but are not limited to, prior residence in or travel to countries with a high prevalence of tuberculosis, close contact with a person with active tuberculosis, and a history of active or latent tuberculosis where an adequate course of treatment cannot be confirmed
- For patients with evidence of active or latent tuberculosis, consult a physician with expertise in the treatment of tuberculosis before starting Jakafi. The decision to continue Jakafi during treatment of active tuberculosis should be based on the overall risk-benefit determination



Risk of Infection (cont)

• PML has occurred with Jakafi treatment. If PML is suspected, stop Jakafi and evaluate Herpes Zoster and Herpes Simplex

- Herpes zoster infection has been reported in patients receiving Jakafi
- Advise patients about early signs and symptoms of herpes zoster and to seek treatment as early as
 possible if suspected
- Herpes simplex virus reactivation and/or dissemination has been reported in patients receiving Jakafi. Monitor patients for the development of herpes simplex infections. If a patient develops evidence of dissemination of herpes simplex, consider interrupting treatment with Jakafi; patients should be promptly treated and monitored according to clinical guidelines

Hepatitis B

PML

 Hepatitis B viral load (HBV-DNA titer) increases, with or without associated elevations in alanine aminotransferase and aspartate aminotransferase, have been reported in patients with chronic HBV infections taking Jakafi. The effect of Jakafi on viral replication in patients with chronic HBV infection is unknown. Patients with chronic HBV infection should be treated and monitored according to clinical guidelines

HBV, hepatitis B virus; PML, progressive multifocal leukoencephalopathy. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.





Symptom Exacerbation Following Interruption or Discontinuation of Treatment with Jakafi

Following discontinuation of Jakafi, symptoms from myeloproliferative neoplasms may return to pretreatment levels over a period of approximately one week. Some patients with MF have experienced one or more of the following adverse events after discontinuing Jakafi: fever, respiratory distress, hypotension, DIC, or multi-organ failure. If one or more of these occur after discontinuation of, or while tapering the dose of Jakafi, evaluate for and treat any intercurrent illness and consider restarting or increasing the dose of Jakafi. Instruct patients not to interrupt or discontinue Jakafi therapy without consulting their physician. When discontinuing or interrupting therapy with Jakafi for reasons other than thrombocytopenia or neutropenia, consider tapering the dose of Jakafi gradually rather than discontinuing abruptly



NMSC

 NMSCs including basal cell, squamous cell, and Merkel cell carcinoma have occurred in patients treated with Jakafi. Perform periodic skin examinations

DIC, disseminated intravascular coagulation; MF, myelofibrosis; NMSC, non-melanoma skin cancer. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.





Lipid Elevations

Treatment with Jakafi has been associated with increases in lipid parameters including total cholesterol, low-density lipoprotein cholesterol, and triglycerides. The effect of these lipid parameter elevations on cardiovascular morbidity and mortality has not been determined in patients treated with Jakafi. Assess lipid parameters approximately 8-12 weeks following initiation of Jakafi therapy. Monitor and treat according to clinical guidelines for the management of hyperlipidemia





MACE

- Another JAK-inhibitor has increased the risk of MACE, including cardiovascular death, myocardial infarction, and stroke (compared to those treated with TNF blockers) in patients with rheumatoid arthritis, a condition for which Jakafi is not indicated
- Consider the benefits and risks for the individual patient prior to initiating or continuing therapy with Jakafi particularly in patients who are current or past smokers and patients with other cardiovascular risk factors. Patients should be informed about the symptoms of serious cardiovascular events and the steps to take if they occur



Thrombosis

- Another JAK-inhibitor has increased the risk of thrombosis, including deep venous thrombosis, pulmonary embolism, and arterial thrombosis (compared to those treated with TNF blockers) in patients with rheumatoid arthritis, a condition for which Jakafi is not indicated. In patients with MF and PV treated with Jakafi in clinical trials, the rates of thromboembolic events were similar in Jakafi and control treated patients
- Patients with symptoms of thrombosis should be promptly evaluated and treated appropriately

MACE, major adverse cardiovascular event; TNF, tumor necrosis factor. Jakafi[®] (ruxolitinib). Prescribing Information. Incyte Corporation.





Secondary Malignancies

- Another JAK-inhibitor has increased the risk of lymphoma and other malignancies excluding NMSC (compared to those treated with TNF blockers) in patients with rheumatoid arthritis, a condition for which Jakafi is not indicated. Patients who are current or past smokers are at additional increased risk
- Consider the benefits and risks for the individual patient prior to initiating or continuing therapy with Jakafi, particularly in patients with a known secondary malignancy (other than a successfully treated NMSC), patients who develop a malignancy, and patients who are current or past smokers

Use in Specific Populations with GVHD



Pregnancy and Lactation

- There are no studies with the use of Jakafi in pregnant women to inform drug-associated risks
- Advise women not to breastfeed during treatment with Jakafi and for at least 2 weeks after the final dose

Pediatric Use

• The safety and effectiveness of Jakafi for treatment of cGVHD or aGVHD has not been established in pediatric patients younger than 12 years old



Renal Impairment

- Total exposure of ruxolitinib and its active metabolites increased with moderate and severe renal impairment, and ESRD on dialysis
- Modify Jakafi dosage as recommended

Hepatic Impairment

- Exposure of ruxolitinib increased with mild (Child-Pugh A), moderate (Child-Pugh B) and severe (Child-Pugh C) hepatic impairment
- Reduce Jakafi dosage as recommended for patients with Stage 4 liver aGVHD
- Monitor blood counts more frequently for toxicity and modify the Jakafi dosage for adverse reactions if they occur for patients with Score 3 liver cGVHD



Geriatric Use

- Clinical studies of Jakafi in patients with aGVHD did not include sufficient numbers of subjects age 65 and over to determine whether they respond differently from younger subjects
- Of the total number of patients with cGVHD treated with Jakafi in clinical trials, 11% were 65 years and older. No overall differences in safety or effectiveness of Jakafi were observed between these patients and younger patients





Appendix

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REACH1: Phase 2, Single-Cohort, Open-Label Study of Ruxolitinib in

MAGIC Guidelines for Staging and Grading aGVHD¹

MAGIC Guidelines were developed to help provide standardization in the clinical staging of aGVHD¹

MAGIC guidelines for acute GVHD grading ¹						
Stage	Skin (Active erythema only)	Liver (bilirubin)	Upper GI	Lower GI (Stool output/day)		
0	No active (erythematous) GVHD rash	<2 mg/dL	No or intermittent nausea, vomiting, or anorexia	Adult: <500 mL/day or <3 episodes/day Child: <10 mL/kg/day or <4 episodes/day		
1	Maculopapular rash <25% BSA	2-3 mg/dL	Persistent nausea, vomiting, or anorexia	Adult: 500-999 mL/day or 3-4 episodes/day Child: 10-19.9 mL/kg/day or 4-6 episodes/day		
2	Maculopapular rash 25-50% BSA	3.1-6 mg/dL	_	Adult: 1,000-1,500 mL/day or 5-7 episodes/day Child: 20-30 mL/kg/day or 7-10 episodes/day		
3	Maculopapular rash >50% BSA	6.1-15 mg/dL	_	Adult: >1,500 mL/day or >7 episodes/day Child: >30 mL/kg/day or >10 episodes/day		
4	Generalized erythroderma (>50%) with bullae	>15 mg/dL	-	Severe abdominal pain with or without ileus or grossly bloody stool (regardless of stool volume)		
Overall cli	inical grade:					
Grade 0: No stage 1-4 of any organ						
Grade I: Stage 1-2 skin without liver, upper GI, or lower GI involvement						
Grade II:	Stage 3 rash and/or stage 1 liver an	• • •				
Grade III:			e 11			
Grade IV:	rade IV: Stage 4 skin, liver, or lower GI involvement, with stage 0-1 upper GI					

• Other guidelines for grading include IBMTR and modified Glucksberg aGVHD classification²

BSA, body surface area; IBMTR, International Bone Marrow Transplant Registry. 1. Harris AC, et al. *Biol Blood Marrow Transplant*. 2016;22:4-10. 2. Schoemans HM, et al. *Bone Marrow Transplant*. 2018;53:1401-1415.

REACH1: Baseline Characteristics

Patients With CVUD Pofractory to Storoids Alono (n-40)

	(n=-	49) ^a	(n=	71) ^b
Ruxolitinib Dose	Day 7	Day 28	Day 7	Day 28
Total, n	46	30	67	43
5 mg bid, n (%)	17 (37.0)	9 (30.0)	28 (41.8)	13 (30.2)
10 mg bid, n (%)	27 (58.7)	14 (46.7)	35 (52.2)	20 (46.5)
Other, n (%)	2 (4.3)	7 (23.3)	4 (6.0)	10 (23.3)

REACH1 Dosing

^a For day 7, other included 5 mg qd or 10 mg qd. For day 28, other included 0 mg, 5 mg qd, or 15 mg qd. ^b For day 7, other included 5 mg qd, 10 mg qd, or 15 mg qd. For day 28, other included 0 mg, 5 mg qd, or 15 mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd, or 15 mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd, or 15 mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd, or 15 mg qd. For day 28, other included 0 mg, 5 mg qd. To mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd. To mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd. To mg qd. To mg qd. For day 28, other included 0 mg, 5 mg qd. To mg qd.

REACH1: Baseline Characteristics

Pofractory to Storoids Alono (n_10

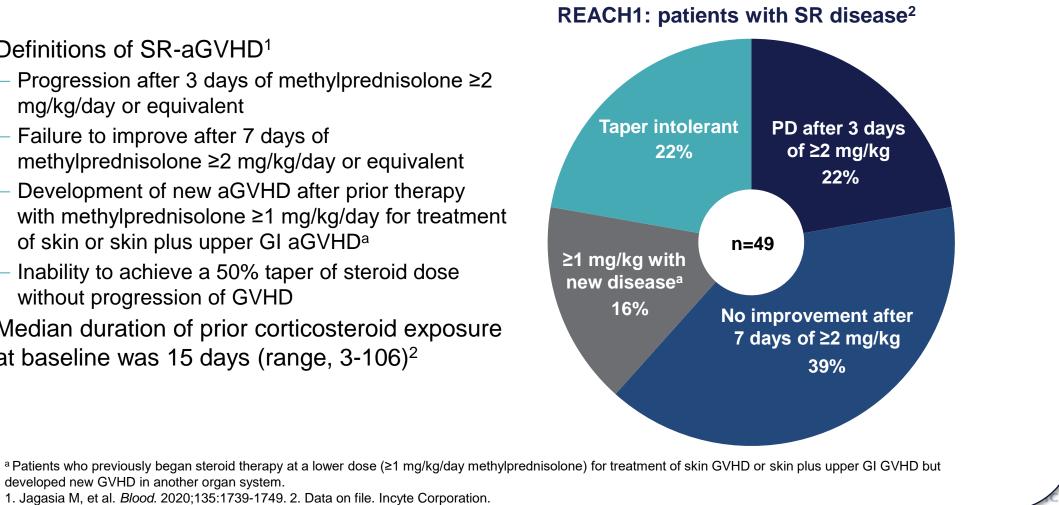
REACH1 Baseline Characteristics: Patients With SR-GVHD

Definitions of SR-aGVHD¹

developed new GVHD in another organ system.

- Progression after 3 days of methylprednisolone ≥ 2 mg/kg/day or equivalent
- Failure to improve after 7 days of methylprednisolone ≥2 mg/kg/day or equivalent
- Development of new aGVHD after prior therapy with methylprednisolone $\geq 1 \text{ mg/kg/day}$ for treatment of skin or skin plus upper GI aGVHD^a
- Inability to achieve a 50% taper of steroid dose without progression of GVHD
- Median duration of prior corticosteroid exposure at baseline was 15 days (range, 3-106)²

1. Jagasia M, et al. Blood. 2020;135:1739-1749. 2. Data on file. Incyte Corporation.



REACH1: ORR at Day 28 (n=49)

REACH1 Efficacy Data by Ruxolitinib Dose

Starting dose of ruxolitinib was 5 mg bid

Ruxolitinib Dose	(n=	49) ^a
Ruxontinib Dose	CR	PR/VGPR
Total, n	15	13
5 mg bid, n (%)	6 (40.0)	2 (15.4)
10 mg bid, n (%)	4 (26.7)	9 (69.2)
Other, n (%)	5 (33.3)	2 (15.4)

Pharmacokinetics of Ruxolitinib¹

Pharmacokinetic Modeling:	Drug-Drug Interactions
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CYP3A4 Inhibitor	Dose	AUC ratio	C _{max} ratio
Voriconazole	200 mg bid oral	2.35	1.29
	200 mg bid IV	2.52	1.29
	400 mg bid IV	2.92	1.32
Posaconazole	300 mg qd oral	1.66	1.17
	300 mg qd IV	2.05	1.25
	200 mg tid oral	1.95	1.21
	100 mg qd oral	1.27	1.08
Erythromycin	500 mg bid oral	1.84	1.22
Itraconazole	200 mg qd	2.82	1.33

AUC, area under the curve; IV, intravenous; tid, three times daily. Data on file, Incyte Corporation.

Jak