

## CADTH REIMBURSEMENT REVIEW

# Stakeholder Feedback on Draft Recommendation

**Ruxolitinib (Jakavi)**

(Novartis Pharmaceutical Canada Inc.)

**Indication:** For the treatment of treatment of steroid refractory or dependent acute graft-versus-host disease in patients aged 12 years and older.

**September 2, 2022**

**Disclaimer:** The views expressed in this submission are those of the submitting organization or individual. As such, they are independent of CADTH and do not necessarily represent or reflect the view of CADTH. No endorsement by CADTH is intended or should be inferred.

By filing with CADTH, the submitting organization or individual agrees to the full disclosure of the information. CADTH does not edit the content of the submissions.

CADTH does use reasonable care to prevent disclosure of personal information in posted material; however, it is ultimately the submitter's responsibility to ensure no identifying personal information or personal health information is included in the submission. The name of the submitting stakeholder group and all conflicts of interest information from individuals who contributed to the content are included in the posted submission.

## CADTH Reimbursement Review Feedback on Draft Recommendation

| Stakeholder information  |   |                                     |
|--|---|-------------------------------------|
| CADTH project number   | SR0688-000  |                                     |
| Brand name (generic)   | Jakavi (ruxolitinib)  |                                     |
| Indication(s)  | Graft versus host disease   |                                     |
| Organization   | Ontario Health (Cancer Care Ontario) Complex Malignant Hematology |                                     |
| Contact information <sup>a</sup>   | Name: Dr. Tom Kouroukis   |                                     |
| Stakeholder agreement with the draft recommendation  |   |                                     |
| 1. Does the stakeholder agree with the committee's recommendation.   | Yes   | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |
| Expert committee consideration of the stakeholder input  |   |                                     |
| 2. Does the recommendation demonstrate that the committee has considered the stakeholder input that your organization provided to CADTH? | Yes   | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |
| Clarity of the draft recommendation  |   |                                     |
| 3. Are the reasons for the recommendation clearly stated?  | Yes   | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |
| 4. Have the implementation issues been clearly articulated and adequately addressed in the recommendation?                               | Yes   | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |
| 5. If applicable, are the reimbursement conditions clearly stated and the rationale for the conditions provided in the recommendation?   | Yes   | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |

<sup>a</sup> CADTH may contact this person if comments require clarification.

## Appendix 2. Conflict of Interest Declarations for Clinician Groups

- To maintain the objectivity and credibility of the CADTH drug review programs, all participants in the drug review processes must disclose any real, potential, or perceived conflicts of interest.
- This conflict of interest declaration is required for participation. Declarations made do not negate or preclude the use of the feedback from patient groups and clinician groups.
- CADTH may contact your group with further questions, as needed.
- Please see the [Procedures for CADTH Drug Reimbursement Reviews](#) for further details.
- For conflict of interest declarations:
  - Please list any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.
  - Please note that declarations are required for each clinician that contributed to the input.
  - If your clinician group provided input at the outset of the review, only conflict of interest declarations that are new or require updating need to be reported in this form. For all others, please list the clinicians who provided input are unchanged
  - Please add more tables as needed (copy and paste).
  - All new and updated declarations must be included in a single document.

| A. Assistance with Providing the Feedback   |     |                                     |
|---|-----|-------------------------------------|
| <b>1. Did you receive help from outside your clinician group to complete this submission?</b>   | No  | <input type="checkbox"/>            |
|   | Yes | <input checked="" type="checkbox"/> |
| Ontario Health provided secretariat function to the DAC.  |     |                                     |
| <b>2. Did you receive help from outside your clinician group to collect or analyze any information used in this submission?</b>   | No  | <input checked="" type="checkbox"/> |
|   | Yes | <input type="checkbox"/>            |
| B. Previously Disclosed Conflict of Interest  |     |                                     |
| <b>3. Were conflict of interest declarations provided in clinician group input that was submitted at the outset of the CADTH review and have those declarations remained unchanged? If no, please complete section C below.</b> | No  | <input type="checkbox"/>            |
|   | Yes | <input checked="" type="checkbox"/> |
| If yes, please list the clinicians who contributed input and whose declarations have not changed: <ul style="list-style-type: none"> <li>• Dr. Tom Kouroukis</li> <li>• Dr. Christopher Bredeson</li> </ul>                     |     |                                     |

# CADTH Reimbursement Review

## Feedback on Draft Recommendation

| Stakeholder information   |  |
|---|--|
| CADTH project number  | SR 0688  |
| Brand name (generic)  | JAKAVI (ruxolitinib)   |
| Indication(s)   | For the treatment of steroid refractory or dependent acute graft-versus-host disease (GVHD) in adult and pediatric patients 12 years and older |
| Organization  | Cell Therapy Transplant Canada (CTTC)  |
| Contact information <sup>a</sup>  | Kirk R. Schultz – CTTC President   |
| Stakeholder agreement with the draft recommendation   |  |
| <b>6. Does the stakeholder agree with the committee's recommendation?</b>   | Yes <input checked="" type="checkbox"/>  |
|   | No <input checked="" type="checkbox"/>   |
| <p>Ruxolitinib has become the preferred second line therapy for both acute and chronic GvHD. The drug is well tolerated and has a high efficacy. It is now considered standard of care by a majority of adult and pediatric Hematopoietic Stem Cell Transplant (HSCT) centres in Canada. Overall, we agree with the recommendation. However, for the frequency of renewal, we would suggest re-evaluation every 6 months. Once the patient responds to therapy it is unlikely that ruxolitinib is stopped during the first 3 or even 6 months. Also, we do not agree with not adding JAKAVI to other therapies. It is common practice in treatment of aGVHD (or cGVHD) to add a therapy when current therapies are not working and then taper off the other therapies. Similarly, the discontinuation of JAKAVI if it is not working, is also likely going to be AFTER a different therapy is started. We don't know if the JAKAVI in this situation is providing partial help and an abrupt stop without giving time for next therapy to work could lead to a flare.</p> |  |
| Expert committee consideration of the stakeholder input   |  |
| <b>7. Does the recommendation demonstrate that the committee has considered the stakeholder input that your organization provided to CADTH?</b>   | Yes <input checked="" type="checkbox"/>  |
|   | No <input type="checkbox"/>  |
| Clarity of the draft recommendation   |  |
| <b>8. Are the reasons for the recommendation clearly stated?</b>  | Yes <input checked="" type="checkbox"/>  |
|   | No <input type="checkbox"/>  |
| <b>9. Have the implementation issues been clearly articulated and adequately addressed in the recommendation?</b>   | Yes <input checked="" type="checkbox"/>  |
|   | No <input type="checkbox"/>  |
| <b>10. If applicable, are the reimbursement conditions clearly stated and the rationale for the conditions provided in the recommendation?</b>  | Yes <input checked="" type="checkbox"/>  |
|   | No <input type="checkbox"/>  |

<sup>a</sup> CADTH may contact this person if comments require clarification.

## Appendix 2. Conflict of Interest Declarations for Clinician Groups

- To maintain the objectivity and credibility of the CADTH drug review programs, all participants in the drug review processes must disclose any real, potential, or perceived conflicts of interest.
- This conflict of interest declaration is required for participation. Declarations made do not negate or preclude the use of the feedback from patient groups and clinician groups.
- CADTH may contact your group with further questions, as needed.
- Please see the [Procedures for CADTH Drug Reimbursement Reviews](#) for further details.
- For conflict of interest declarations:
  - Please list any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.
  - Please note that declarations are required for each clinician that contributed to the input.
  - If your clinician group provided input at the outset of the review, only conflict of interest declarations that are new or require updating need to be reported in this form. For all others, please list the clinicians who provided input are unchanged
  - Please add more tables as needed (copy and paste).
  - All new and updated declarations must be included in a single document.

| A. Assistance with Providing the Feedback   |     |                                     |
|---|-----|-------------------------------------|
| 1. Did you receive help from outside your clinician group to complete this submission?  | No  | <input checked="" type="checkbox"/> |
|   | Yes | <input type="checkbox"/>            |
| 2. Did you receive help from outside your clinician group to collect or analyze any information used in this submission?  | No  | <input checked="" type="checkbox"/> |
|   | Yes | <input type="checkbox"/>            |
| All HSCCT or BMT centre directors have had an opportunity to provide input on this response and it has been reviewed by the CTTC Board of Directors.  |     |                                     |
| B. Previously Disclosed Conflict of Interest  |     |                                     |
| 3. Were conflict of interest declarations provided in clinician group input that was submitted at the outset of the CADTH review and have those declarations remained unchanged? If no, please complete section C below.  | No  | <input type="checkbox"/>            |
|   | Yes | <input checked="" type="checkbox"/> |
| If yes, please list the clinicians who contributed input and whose declarations have not changed:   |     |                                     |
| <ul style="list-style-type: none"> <li>Kirk Schultz [REDACTED]</li> <li>Imran Ahmad [REDACTED]</li> <li>Mohamed Elemary [REDACTED]</li> <li>Wilson Lam [REDACTED]</li> <li>Jonas Mattsson [REDACTED]</li> <li>Gizelle Popradi [REDACTED]</li> <li>Mona Shafey [REDACTED]</li> </ul> |     |                                     |

### C. New or Updated Conflict of Interest Declarations

| New or Updated Declaration for Clinician 1 |   |
|--|---|
| <b>Name</b>                                | Chris Bredeson  |
| <b>Position</b>                            | Head, Malignant Hematology & Stem Cell Transplantation, The Ottawa Hospital |
| <b>Date</b>                                | 30-08-2022  |

|                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |
|-------------------------------------|---|

**Conflict of Interest Declaration**

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company  | Check Appropriate Dollar Range      |                          |                          |                          |
|----------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|          | \$0 to 5,000                        | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| Novartis | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**New or Updated Declaration for Clinician 2**

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Greg Guilcher   |
| <b>Position</b>                     | Paediatric Oncologist, Alberta Children's Hospital; Associate Professor, University of Calgary  |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

**Conflict of Interest Declaration**

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**New or Updated Declaration for Clinician 3**

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Terrance Comeau   |
| <b>Position</b>                     | Director, New Brunswick Stem Cell Transplant Program, Horizon Health Network  |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

**Conflict of Interest Declaration**

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**New or Updated Declaration for Clinician 4**

|   |   |                          |                           |                              |
|---|---|--------------------------|---------------------------|------------------------------|
| <b>Name</b>   | Mahmoud Elsayy  |                          |                           |                              |
| <b>Position</b>   | Assistant Professor, Dalhousie University   |                          |                           |                              |
| <b>Date</b>   | 31-08-2022  |                          |                           |                              |
| <input checked="" type="checkbox"/>   | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |                          |                           |                              |
| <b>Conflict of Interest Declaration</b>   |   |                          |                           |                              |
| List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review. |   |                          |                           |                              |
| <b>Company</b>  | <b>Check Appropriate Dollar Range</b>   |                          |                           |                              |
|   | <b>\$0 to 5,000</b>   | <b>\$5,001 to 10,000</b> | <b>\$10,001 to 50,000</b> | <b>In Excess of \$50,000</b> |
| Kite/Gilead   | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>     |
| Novartis  | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>     |
| Bristol Myers Squibb  | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>     |

|   |   |                          |                           |                              |
|---|---|--------------------------|---------------------------|------------------------------|
| <b>New or Updated Declaration for Clinician 5</b>   |   |                          |                           |                              |
| <b>Name</b>   | Geoffrey Cuvelier   |                          |                           |                              |
| <b>Position</b>   | Section Head, Department of Pediatric Oncology-Hematology-BMT, CancerCare Manitoba  |                          |                           |                              |
| <b>Date</b>   | 31-08-2022  |                          |                           |                              |
| <input checked="" type="checkbox"/>   | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |                          |                           |                              |
| <b>Conflict of Interest Declaration</b>   |   |                          |                           |                              |
| List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review. |   |                          |                           |                              |
| <b>Company</b>  | <b>Check Appropriate Dollar Range</b>   |                          |                           |                              |
|   | <b>\$0 to 5,000</b>   | <b>\$5,001 to 10,000</b> | <b>\$10,001 to 50,000</b> | <b>In Excess of \$50,000</b> |
| None  | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>     |

|   |   |  |  |  |
|---|---|--|--|--|
| <b>New or Updated Declaration for Clinician 6</b>   |   |  |  |  |
| <b>Name</b>   | David Mitchell  |  |  |  |
| <b>Position</b>   | Director, Pediatric Hematopoietic Stem Cell Transplantation, Montreal Children's Hospital   |  |  |  |
| <b>Date</b>   | 31-08-2022  |  |  |  |
| <input checked="" type="checkbox"/>   | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |  |  |  |
| <b>Conflict of Interest Declaration</b>   |   |  |  |  |
| List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review. |   |  |  |  |
| <b>Company</b>  | <b>Check Appropriate Dollar Range</b>   |  |  |  |

|      | \$0 to 5,000             | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
|------|--------------------------|--------------------------|--------------------------|--------------------------|
| None | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 7

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Victor Lewis  |
| <b>Position</b>                     | Associate Professor of Oncology and Pediatrics, University of Calgary, Alberta Children's Hospital  |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

#### Conflict of Interest Declaration

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company  | Check Appropriate Dollar Range      |                          |                          |                          |
|----------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|          | \$0 to 5,000                        | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| Novartis | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 8

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Kevin Song  |
| <b>Position</b>                     | Interim Medical Director, Leukemia/BMT Program of BC, Vancouver General Hospital  |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

#### Conflict of Interest Declaration

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 9

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Anargyros Xenocostas  |
| <b>Position</b>                     | Director, Hematopoietic Stem Cell Transplant Program, London Health Sciences-Victoria Hospital  |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

#### Conflict of Interest Declaration



List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company                    | Check Appropriate Dollar Range      |                          |                          |                          |
|----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|                            | \$0 to 5,000                        | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| Novartis (Advisory boards) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 10

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Jacob Rozmus  |
| <b>Position</b>                     | Pediatric Hematologist-Oncologist, BMT Director, BC Children's Hospital; Clinical Assistant Professor, University of British Columbia   |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

#### Conflict of Interest Declaration

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| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 11

|                                     |   |
|-------------------------------------|---|
| <b>Name</b>                         | Joanne Hickey   |
| <b>Position</b>                     | Associate Professor of Medicine (Hematology), Memorial University   |
| <b>Date</b>                         | 31-08-2022  |
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |

#### Conflict of Interest Declaration

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| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### New or Updated Declaration for Clinician 12

|                 |   |
|-----------------|---|
| <b>Name</b>     | Geneviève Gallagher   |
| <b>Position</b> | Directrice médicale du Programme de Transplantation de cellules Hématopoïétiques et de Thérapie Cellulaire, CHU de Québec- Université Laval |
| <b>Date</b>     | 31-08-2022  |

|                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <b>I hereby certify</b> that I have the authority to disclose all relevant information with respect to any matter involving this clinician or clinician group with a company, organization, or entity that may place this clinician or clinician group in a real, potential, or perceived conflict of interest situation. |
|-------------------------------------|---|

**Conflict of Interest Declaration**

List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.

| Company | Check Appropriate Dollar Range |                          |                          |                          |
|---------|--------------------------------|--------------------------|--------------------------|--------------------------|
|         | \$0 to 5,000                   | \$5,001 to 10,000        | \$10,001 to 50,000       | In Excess of \$50,000    |
| None    | <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

# CADTH Reimbursement Review

## Feedback on Draft Recommendation

| Stakeholder information            |  |
|------------------------------------|--|
| CADTH project number               | SR0688   |
| Name of the drug and Indication(s) | Ruxolitinib (Jakavi) for the treatment of treatment of steroid refractory or dependent acute graft-versus-host disease in patients aged 12 years and older |
| Organization Providing Feedback    | FWG  |

### 1. Recommendation revisions

Please indicate if the stakeholder requires the expert review committee to reconsider or clarify its recommendation.

|                                       |  |                          |
|---------------------------------------|--|--------------------------|
| <b>Request for Reconsideration</b>    | <b>Major revisions:</b> A change in recommendation <b>category</b> or patient <b>population</b> is requested | <input type="checkbox"/> |
|                                       | <b>Minor revisions:</b> A change in reimbursement <b>conditions</b> is requested                             | <input type="checkbox"/> |
| <b>No Request for Reconsideration</b> | <b>Editorial revisions:</b> Clarifications in recommendation <b>text</b> are requested                       | X                        |
|                                       | <b>No requested revisions</b>  | <input type="checkbox"/> |

### 2. Change in recommendation category or conditions

Complete this section if major or minor revisions are requested

Please identify the specific text from the recommendation and provide a rationale for requesting a change in recommendation.

### 3. Clarity of the recommendation

Complete this section if editorial revisions are requested for the following elements

#### a) Recommendation rationale

It would helpful to drug plans to differentiate 'systemic therapies' which may be used for alternative conditions, unrelated to immune suppression or treatment of aGvHD.

#### b) Reimbursement conditions and related reasons

In the prescribing conditions, (table item # 7) it would be helpful if 'systemic therapies' could be clarified to reflect systemic therapies for treatment of aGvHD.

#### c) Implementation guidance

Please provide high-level details regarding the information that requires clarification. You can provide specific comments in the draft recommendation found in the next section. Additional implementation questions can be raised here.

# Outstanding Implementation Issues

In the event of a positive draft recommendation, drug programs can request further implementation support from CADTH on topics that cannot be addressed in the reimbursement review (e.g., concerning other drugs, without sufficient evidence to support a recommendation, etc.). Note that outstanding implementation questions can also be posed to the expert committee in Feedback section 4c.

| <b>Algorithm and implementation questions</b>   |
|---|
| <b>1. Please specify sequencing questions or issues that should be addressed by CADTH (oncology only)</b> |
| 1.<br>2.  |
| <b>2. Please specify other implementation questions or issues that should be addressed by CADTH</b>       |
| 1.<br>2.  |
| <b>Support strategy</b>   |
| <b>3. Do you have any preferences or suggestions on how CADTH should address these issues?</b>            |
| May include implementation advice panel, evidence review, provisional algorithm (oncology), etc.          |

# CADTH Reimbursement Review

## Feedback on Draft Recommendation

| Stakeholder information   |  |                                     |
|---|--|-------------------------------------|
| CADTH project number  | SR 0688  |                                     |
| Brand name (generic)  | JAKAVI (ruxolitinib)   |                                     |
| Indication(s)   | For the treatment of steroid refractory or dependent acute graft-versus-host disease (GVHD) in adult and pediatric patients 12 years and older |                                     |
| Organization  | The Leukemia & Lymphoma Society, CLL Canada, Lymphoma Canada   |                                     |
| Contact information <sup>a</sup>  | Name: Sabrina Hanna  |                                     |
| Stakeholder agreement with the draft recommendation   |  |                                     |
| <b>1. Does the stakeholder agree with the committee's recommendation.</b>   | Yes  | <input checked="" type="checkbox"/> |
|   | No   | <input type="checkbox"/>            |
| <p>We agree with the CDEC recommendation that ruxolitinib be reimbursed for the treatment of steroid refractory or dependent acute graft-versus-host disease (aGvHD) in adult and pediatric patients aged 12 years and older only if the conditions listed in Table 1 are met. As noted by the committee, aGvHD is associated with substantial morbidity and mortality and currently there is a significant unmet need for additional effective treatments for patients. There are currently no standard of care treatments available and consequently availability of ruxolitinib is of utmost importance in fulfilling that patient need. Further, aGvHD symptoms significantly impacts patients' daily QoL. According to patients surveyed, Ruxolitinib was an effective treatment that improved their QoL as reported in the patient input provided to CADTH.</p> |  |                                     |
| Expert committee consideration of the stakeholder input   |  |                                     |
| <b>2. Does the recommendation demonstrate that the committee has considered the stakeholder input that your organization provided to CADTH?</b>   | Yes  | <input checked="" type="checkbox"/> |
|   | No   | <input type="checkbox"/>            |
| <p>While the report provides a good summary of the input provided, we feel it is important to highlight that many patients must be seen by multiple healthcare professionals before being properly diagnosed and must also take many treatments that complicate symptoms and require multiple visits to the hospital. In addition to the above, ruxolitinib can be administered as an outpatient treatment which is preferred by patients surveyed.</p>   |  |                                     |
| Clarity of the draft recommendation   |  |                                     |
| <b>3. Are the reasons for the recommendation clearly stated?</b>  | Yes  | <input checked="" type="checkbox"/> |
|   | No   | <input type="checkbox"/>            |
| <p>We feel the reasons for recommendations have been clearly stated and support the needs of patients.</p>  |  |                                     |
| <b>4. Have the implementation issues been clearly articulated and adequately</b>  | Yes  | <input checked="" type="checkbox"/> |

|   |     |                          |
|---|-----|--------------------------|
| <b>addressed in the recommendation?</b>   | No  | <input type="checkbox"/> |
| If not, please provide details regarding the information that requires clarification.   |     |                          |
| <b>5. If applicable, are the reimbursement conditions clearly stated and the rationale for the conditions provided in the recommendation?</b>   | Yes | X                        |
|   | No  |                          |
| The reimbursement conditions have been clearly stated and the rationale has been provided, however, we are concerned with the rationale that a 65% reduction in price is necessary to meet CADTH QALY and WTP. While we fully agree with a negotiated and appropriate price review for this therapy, we feel that the unmet need for these patients must be considered as a top priority in supporting the reimbursement conditions for the reasons listed above. |     |                          |

<sup>a</sup> CADTH may contact this person if comments require clarification.

## Appendix 1. Conflict of Interest Declarations for Patient Groups

- To maintain the objectivity and credibility of the CADTH drug review programs, all participants in the drug review processes must disclose any real, potential, or perceived conflicts of interest.
- This conflict of interest declaration is required for participation. Declarations made do not negate or preclude the use of the feedback from patient groups and clinician groups.
- CADTH may contact your group with further questions, as needed.
- Please see the [Procedures for CADTH Drug Reimbursement Reviews](#) for further details.

| A. Patient Group Information  |  |                   |                          |                            |
|---|--|-------------------|--------------------------|----------------------------|
| <b>Name</b>   | Sabrina Hanna  |                   |                          |                            |
| <b>Position</b>   | Advocacy Lead  |                   |                          |                            |
| <b>Date</b>   | 31.08.2022   |                   |                          |                            |
| X   | I hereby certify that I have the authority to disclose all relevant information with respect to any matter involving this patient group with a company, organization, or entity that may place this patient group in a real, potential, or perceived conflict of interest situation. |                   |                          |                            |
| B. Assistance with Providing Feedback   |  |                   |                          |                            |
| 1. Did you receive help from outside your patient group to complete your feedback?  |  |                   | No                       |                            |
|   |  |                   | Yes                      | X                          |
| CLL Canada and Lymphoma Canada  |  |                   |                          |                            |
| 2. Did you receive help from outside your patient group to collect or analyze any information used in your feedback?  |  |                   | No                       | <input type="checkbox"/>   |
|   |  |                   | Yes                      | X <input type="checkbox"/> |
| Lymphoma Canada (LC), Lymphoma and Leukemia Society of Canada (LLSC), CLL Canada, Myeloma Canada, Aplastic Anemia & Myelodysplasia Association of Canada (AAMAC), Canadian MPN Research Foundation (CMPNRF), CML Network, MPN Canadian Research Foundation, Cell Therapy Transplant Canada (CTTC) |  |                   |                          |                            |
| C. Previously Disclosed Conflict of Interest  |  |                   |                          |                            |
| 1. Were conflict of interest declarations provided in patient group input that was submitted at the outset of the CADTH review and have those declarations remain unchanged? If no, please complete section D below.  |  |                   | No                       | <input type="checkbox"/>   |
|   |  |                   | Yes                      | X                          |
| D. New or Updated Conflict of Interest Declaration  |  |                   |                          |                            |
| 3. List any companies or organizations that have provided your group with financial payment over the past two years AND who may have direct or indirect interest in the drug under review.  |  |                   |                          |                            |
| Company   | Check Appropriate Dollar Range   |                   |                          |                            |
|   | \$0 to 5,000   | \$5,001 to 10,000 | \$10,001 to 50,000       | In Excess of \$50,000      |
| Novartis  | <input type="checkbox"/>   | X                 | <input type="checkbox"/> | <input type="checkbox"/>   |

# CADTH Reimbursement Review

## Feedback on Draft Recommendation

| Stakeholder information   |             |                                     |
|---|-------------|-------------------------------------|
| CADTH project number  | SR0688      |                                     |
| Brand name (generic)  | Ruxolitinib |                                     |
| Indication(s)   | Acute GvHD  |                                     |
| Organization  | Novartis    |                                     |
| Contact information <sup>a</sup>  | [REDACTED]  |                                     |
| Stakeholder agreement with the draft recommendation   |             |                                     |
| <b>11. Does the stakeholder agree with the committee's recommendation.</b>  | Yes         | <input checked="" type="checkbox"/> |
|   | No          | <input type="checkbox"/>            |
| <p>Please explain why the stakeholder agrees or disagrees with the draft recommendation. Whenever possible, please identify the specific text from the recommendation and rationale.</p> <ul style="list-style-type: none"> <li>• Novartis agrees with the CADTH Canadian Drug Expert Committee (CDEC) to recommend that “that ruxolitinib be reimbursed for the treatment of steroid refractory or dependent acute graft-versus-host disease (aGvHD) in adult and pediatric patients aged 12 years and older.” (Recommendation, page 3)</li> <li>• Novartis also agrees with CDEC on the “rarity of steroid refractory and steroid dependent aGvHD and the significant unmet need for additional treatment options in this setting given the severe nature of this disease with substantial morbidity and mortality.” (Rational for recommendation, page 3)</li> <li>• Novartis agrees also with the clinical experts consulted by CADTH who «believed that the efficacy results from the REACH 2 trial were clinically meaningful and supportive of the reported response outcomes in the REACH 1 trial.” (Discussion points, page 8)</li> <li>• Novartis agrees with CADTH on the safety profile: “no unexpected safety concerns were observed with ruxolitinib and patients could be adequately managed in clinical practice.” (Discussion points, page 8)</li> <li>• Novartis agrees with CDEC on the similar treatment effect and safety profile among adults and adolescents aged 12 to 18 years. (Discussion points, page 8)</li> </ul> |             |                                     |
| Expert committee consideration of the stakeholder input   |             |                                     |
| <b>12. Does the recommendation demonstrate that the committee has considered the stakeholder input that your organization provided to CADTH?</b>  | Yes         | <input type="checkbox"/>            |
|   | No          | <input checked="" type="checkbox"/> |
| <p>If not, what aspects are missing from the draft recommendation?<br/>           While Novartis agrees with the clinical evaluation and conclusions by CDEC, it is incomprehensible to Novartis how price reductions can be requested with a CADTH ICER of \$21,057/QALY. Indeed, this ICER, based on CADTH reanalysis and assumptions, is still well below the willingness to pay threshold of \$50,000/QALY.</p>   |             |                                     |
| Clarity of the draft recommendation   |             |                                     |
| <b>13. Are the reasons for the recommendation clearly stated?</b>   | Yes         | <input checked="" type="checkbox"/> |
|   | No          | <input type="checkbox"/>            |
| <p>If not, please provide details regarding the information that requires clarification.</p>  |             |                                     |
| <b>14. Have the implementation issues been clearly articulated and adequately addressed in the recommendation?</b>  | Yes         | <input checked="" type="checkbox"/> |
|   | No          | <input type="checkbox"/>            |



|  |     |                                     |
|--|-----|-------------------------------------|
| If not, please provide details regarding the information that requires clarification.  |     |                                     |
| <b>15. If applicable, are the reimbursement conditions clearly stated and the rationale for the conditions provided in the recommendation?</b> | Yes | <input checked="" type="checkbox"/> |
|  | No  | <input type="checkbox"/>            |
| If not, please provide details regarding the information that requires clarification.  |     |                                     |

<sup>a</sup> CADTH may contact this person if comments require clarification.