Johnson&Johnson

(2L+)

Identifying patients with relapsed or refractory multiple myeloma (RRMM) who may be eligible for a bispecific antibody combination therapy in 2nd line and beyond

Instructions for the Epic®, Oracle Health®, OncoEMR®, and iKnowMed® EHR Systems

2L+, second line and beyond.

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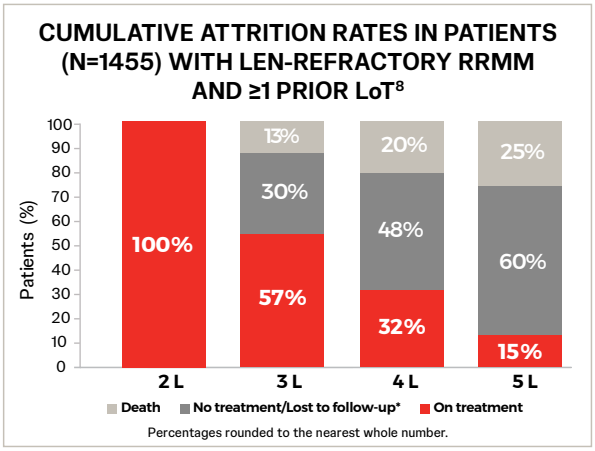
The Importance of Understanding Eligibility for a Bispecific Antibody Combination Therapy in RRMM

Patients With RRMM Have a Critical Need for New Treatment Approaches[1-3]

There is no known cure for multiple myeloma, which is characterized by cycles of remission and relapse.[4-6] With every treatment round, the disease grows more resistant—and median PFS declines.[7]

Fewer Patients Make It to the Next Line of Therapy[8]

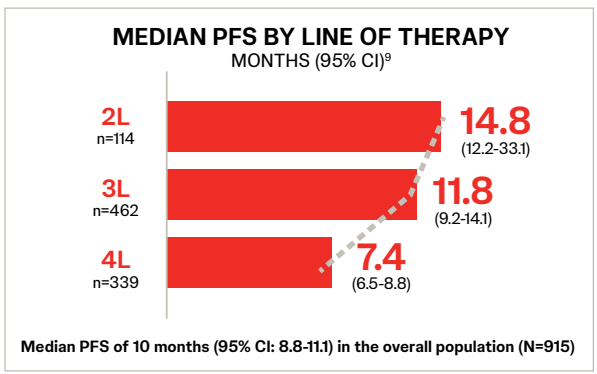
Results of a retrospective database analysis (January 2016-April 2022) of 1455 patients with RRMM with 1-3 prior LoT, ECOG PS <2, who were exposed to PI and an immunomodulatory agent, and were considered lenalidomide-refractory.[8]



The percentage of patients on treatment decreases with each LoT, demonstrating the need for efficacious therapies at first relapse in RRMM[8]

Efficacy Diminishes With Each Line of Therapy in the RRMM Setting[9]

A study of individual patient-level data from nine daratumumab clinical trials included 4764 patients with 1-3 prior LoT, and ECOG PS <2, who were exposed to a PI and lenalidomide. Analysis was based on 915 patients identified as lenalidomide-refractory and who met study inclusion criteria.[9†]



Declining PFS drives urgency to consider a treatment strategy that maximizes disease control in earlier-line settings[9]

2L, second-line; 3L, third-line; 4L, fourth-line; 5L, fifth-line; CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group performance status; LoT, line(s) of therapy; PI, proteasome inhibitor; RRMM, relapsed or refractory multiple myeloma.

*Patients who received an active antimyeloma treatment and had ≥1 follow-up assessment but were subsequently lost to follow-up.

†This study includes 44% of patients on a DARZALEX®-based regimen and 56% of patients on a non-DARZALEX®-based regimen from a comparator arm of the clinical trials.

Using the EHR to Help Close Gaps in RRMM Care

Patient queries (also referred to as "patient lists" and "reports") in the electronic health record (EHR) can be leveraged to identify patients with potential care gaps. Consider conducting a patient query to help identify patients diagnosed with RRMM who have already received at least 1 line of treatment or are currently receiving first-line treatment and may become candidates for second-line treatment, and thus may be eligible for a bispecific antibody combination therapy. A patient query is created by entering patient clinical criteria and is run through the EHR's reporting solution. Depending on the EHR system, the resulting list can then be used to efficiently contact oncologists and their eligible patients.

Overview and Limitations

This guide provides instructions to generate a patient list and conduct mass messaging to oncologists and their patients for 4 EHR systems: Epic®, Oracle Health®, OncoEMR®, and iKnowMed®. The instructions will not work for other conditions, treatments, or therapeutic areas or for other EHR systems.

The processes outlined in this document are variable, and not all steps will apply to every health system. Any steps or settings that are not part of a health system's standard process should be excluded or modified accordingly. Any questions should be directed to the appropriate service provider. The system is solely responsible for the implementation, testing, monitoring, and ongoing operation of any EHR tools.

J&J Health Information Technology (HIT) Specialists can educate organizations on approved EHR solutions that may address user experience, efficiency, and patient care gaps. **Reach out to your J&J contact to set up time with an HIT Specialist if you would like support or training on this HIT resource.**

Note

The patient list can be used to identify patients diagnosed with RRMM who may be eligible for a bispecific antibody combination therapy. Once these patients have been identified, mass messaging can be used to send a crafted communication to the healthcare provider of record to consider evaluating their patients' eligibility for a bispecific antibody combination therapy. The healthcare provider can use the EHR's outreach tools to deliver information and education about a bispecific antibody combination therapy to those patients who they deem appropriate. **Eligibility for treatment and treatment selection are always decisions made by the healthcare provider.**

Suggested Inclusion Criteria

Consider using the clinical criteria below to help generate a list of patients diagnosed with RRMM who may be eligible for a bispecific antibody combination therapy.

Diagnosis

- Multiple myeloma not having achieved remission (ICD-10 code C90.00)
- Multiple myeloma in relapse (ICD-10 code C90.02)

Medications

- At least 1 prior line of therapy, including medications from the proteasome inhibitors and immunomodulatory agents medication classes

Note

Consider running the report on a regular basis. Once the initial report has been created, it can be saved for future use and subsequent reports can be rerun. Running reports over time helps identify new patients who meet the inclusion criteria.

ICD-10, International Classification of Diseases, Tenth Revision

Epic

Patient List Instructions

Epic's SlicerDicer or Reporting Workbench may be used to create the patient list. Consult your organization if administrative user rights are required to access the reporting solution.

Review documentation practices in the EHR before creating the patient report. The first set of instructions uses the SlicerDicer reporting solution to create the patient query (see Option 1).

The next 2 options use Reporting Workbench. The first Reporting Workbench option uses the oncology-specific report template and includes the Line of Treatment criterion, which requires structured documentation in the EHR (see Option 2). If this information is not routinely documented, consider the second Reporting Workbench option, which uses the generic criteria template (see Option 3).

Patient List Instructions (cont'd)

Option 1: SlicerDicer

1. Access SlicerDicer (click the Epic logo > Reports > SlicerDicer).
2. Depending on availability, select the Patients or Patients with Cancer data model (the numbers in the data model box represent the base population and number of records in the data model).
3. In the right-hand column, select the desired patient base (eg, "All Patients").
   Note: First-time users of SlicerDicer may see a tutorial prompted during initial use. Complete the tutorial and continue with the steps below.
4. In the Search for Criteria field, enter "diagnosis." Alternatively, the + Browse button can be used. When using the + Browse button, a new screen will display where the filter criterion and inclusion/exclusion status can be selected.
5. Select the Diagnosis criterion.
6. Set the mode to ICD/Grouper, and enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
7. In the Search for Criteria field, enter "status."
8. Select the Patient Living Status criterion and set to Alive.
9. In the Search for Criteria field, enter "medication."
10. Enter and select the desired pharmaceutical classes/subclasses (proteasome inhibitors and immunomodulatory agents).
    Note: Ensure selection of the appropriate pharmaceutical class/subclass as there may be multiple options (eg, immunomodulators, immunomodulating agents, antineoplastic immunomodulators).
11. Set the logic to include the diagnosis, patient living status, and medications criteria.
12. If the filters are linked by encounter, unlink them (click the chain icon next to the filter criterion so it appears broken) to allow the search to be completed across encounters.
13. Click the last icon with the detail table in the Visual Option section to see the query results.
14. The results can be exported to Reporting Workbench by right-clicking the bar with the patient results and selecting Show Slice in Reporting Workbench.

continued on the next page

Patient List Instructions (cont'd)

Option 1: SlicerDicer (cont'd)

15. In Reporting Workbench, select the Display tab to set all display columns for the report. Search for any display information in the Available Columns pane. Select all desired display columns and click the right arrow to drag them to the Selected Columns pane.

16. In the Display tab, navigate to the Detailed Views section and set additional information displays. Consider adding the current and past medications and springboard views.

17. In the General tab, enter the desired report name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy") and a description. Results can be shared with selected users or pools.

18. Click Save and then Run to create the patient list. The list will display all patients matching the criteria.

Option 2: Reporting Workbench – using the oncology report template

1. Access Reporting Workbench (click the Epic logo > Reports > My Reports).

2. Enter "oncology generic criteria" in the search field and click Search.

3. Select the Oncology Generic Criteria report and click New.

4. In the Report Settings window, select the Criteria tab and add the first criterion to the query.

5. In the Find Criteria search field, enter "living" and select Patient: Living Status and set the status to Alive.

6. In the Find Criteria search field, enter "diagnosis" and select the Plan: Diagnosis criterion (alternatively, consider the Plan: Diagnosis by Grouper criterion if a multiple myeloma diagnoses grouper is available).

7. Enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.

8. In the Find Criteria search field, enter "line" and select the Plan: Line of Treatment criterion.

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Patient List Instructions (cont'd)

Option 2: Reporting Workbench – using the oncology report template (cont'd)

9. Enter "second line" in the value field.
Note: Skip this step if "second line" is not an available option at your organization. Consider asking your IT team to add "second line" as a category list item to make it an available option in the future.

10. Set the logic to include the diagnosis, patient living status, and line of treatment criteria. If desired, the criteria for Patient: Medication history by pharmaceutical class/subclass may be included. Enter and select the desired pharmaceutical classes/subclasses (proteasome inhibitors and immunomodulatory agents).
Note: Ensure selection of the appropriate pharmaceutical class/subclass as there may be multiple options (eg, immunomodulators, immunomodulating agents, antineoplastic immunomodulators).

11. Select the Display tab to set all display columns for the report. Search for any display information in the Available Columns pane. Select all desired display columns and click the right arrow to drag them to the Selected Columns pane. To add custom display columns, click + Add and enter and select the desired information (eg, medications).

12. In the Display tab, navigate to the Detailed Views section and set additional information displays. Consider adding the current and past medications and springboard views.

13. In the General tab, enter the desired report name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy") and a description. Results can be shared with selected users or pools.

14. Click Save and then Run to create the patient list. The list will display all patients matching the criteria.

Note

When line of treatment is not documented in the EHR, an alternative reporting template and alternative criteria may be considered when using Reporting Workbench. This approach requires a manual chart review of the results to confirm the line of treatment. Follow the steps below to complete the patient query using this model.

Option 3: Reporting Workbench – using the generic report template

1. Access Reporting Workbench (click the Epic logo > Reports > My Reports).

2. Enter "generic criteria" in the search field and click Search.

continued on the next page

Patient List Instructions (cont'd)

Option 3: Reporting Workbench – using the generic report template (cont'd)

3. Select the Find Patients – Generic Criteria report and click New.
4. In the Report Settings window, select the Criteria tab and add the first criterion to the query.
5. In the Find Criteria search field, enter "living" and select Patient: Living Status and set the status to Alive.
6. In the Find Criteria search field, enter "diagnosis" and select the Diagnosis by Code criterion (alternatively, consider the Diagnosis by Grouper criterion if a multiple myeloma diagnoses grouper is available).
7. Enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
8. In the Find Criteria search field, enter "medications" and select the Meds: All time, by pharm. class/subclass.
9. Enter and select the desired pharmaceutical classes/subclasses (proteasome inhibitors and immunomodulatory agents).
   Note: Ensure selection of the appropriate pharmaceutical class/subclass as there may be multiple options (eg, immunomodulators, immunomodulating agents, antineoplastic immunomodulators).
10. Set the logic to include the diagnosis, patient living status, and medications criteria.
11. Select the Display tab to set all display columns for the report. Search for any display information in the Available Columns pane. Select all desired display columns and click the right arrow to drag them to the Selected Columns pane.
12. In the Display tab, navigate to the Detailed Views section and set additional information displays. Consider adding the current and past medications and springboard views.
13. In the General tab, enter the desired report name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy") and a description. Results can be shared with selected users or pools.
14. Click Save and then Run to create the patient list. The list will display all patients matching the criteria.

Mass Messaging Instructions

For End Users

Once a patient list has been created, mass messaging, typically referred to as bulk communications for Epic, can be used to contact healthcare providers and patients in just a few clicks. The Reporting Workbench report can be used to efficiently communicate a message, such as patient eligibility for a particular treatment option, across a group of clinicians at the same time, and it can be used to easily contact all eligible patients in the report at once. The bulk communications feature also utilizes patients' communication preferences and can automatically trigger a printed mailer or prompt support staff to initiate a phone call if the patient prefers those methods of communication or is not registered for a MyChart account.

The instructions in this section describe the end-user/clinician workflow for communicating with healthcare providers and patients. These steps make 2 assumptions:

1. An In Basket pool for multiple myeloma clinicians is available at your organization.
2. Bulk communication has been enabled at your organization for the reporting tool(s).

If neither of these is true, see the bulk communications instructions for analysts starting on page 13 for the necessary steps to build an In Basket pool (page 16) and to enable bulk communication (page 14).

While EHRs may assist providers in identifying appropriate patients for consideration of assessment, treatment, and referral, the decision and action should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Johnson & Johnson Innovative Medicine shall have no liability thereto.

Note

Bulk communication may be intentionally limited to a small subset of users at your organization. Check with your EpicCare Ambulatory, MyChart, or patient communications team prior to implementing any changes to bulk communications access or security.

Using Bulk Communications for Healthcare Providers

1. After running the report, select the first patient on the list.
2. Scroll to the bottom of the results. Hold down the shift button and click on the last line of the report.

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Mass Messaging Instructions (cont'd)

Using Bulk Communications for Healthcare Providers (cont'd)

3. In the toolbar at the top of the report, select the Send Plan button.

4. In the Recipient field, enter the name of the multiple myeloma clinicians In Basket pool. See the In Basket Pool Build instructions on page 16 in the section for analysts if this pool is not available.
Note: This must be the *pool name* and not the *In Basket classification*.

5. In the message field, enter a message for the healthcare providers letting them know that some of their patients may be eligible for a bispecific antibody combination therapy. See Appendix A on page 33 for suggested content that can be copied and pasted into the message field.

6. Click Send to send the message to the pool.

7. Each patient will now show up in the healthcare providers' In Baskets under the Treatment Plans folder. Healthcare providers can then find their patients by sorting them by the Plan Provider column.

Using Bulk Communications for Patients

1. After running the report, click the Communications button and select Bulk Communications.

2. On the Outreach Details tab, enter the template(s) for Mail/Phone and MyChart in the appropriate fields. See the Bulk Communication Letter Template Build instructions on page 13 in the section for analysts if the template(s) have not been created.

   Alternatively, the suggested content in Appendix B on page 35 can be copied and pasted into the Outreach Details tab.

3. On the Routing Details tab, fill in any necessary fields in the Mail, MyChart, and Phone sections as appropriate.
Note: It is recommended to set the Reply option to "Do not allow patient to reply" under the MyChart section unless the user running the report will be actively monitoring their In Basket for patient replies to the message.

4. Click the Send Communication button to send the queued messages.

Mass Messaging Instructions (cont'd)

For Analysts

This section covers aspects of the bulk communication process that require analyst support and provides instructions for creating a letter template for the patient message, enabling bulk communication in SlicerDicer and Reporting Workbench, and setting up an In Basket pool.

Before following any of the instructions in this section, contact your administrator to ensure that the healthcare providers running the reports have the appropriate security for bulk communications (EpicCare Security Point 375 – Bulk Communication With Patient Outreach Tracking). The bulk communications feature supports contacting up to 10,000 patients at a time, so some organizations limit this access to specialized report templates or specific groups of users.

Bulk Communication Letter Template Build

1. Access the Letter Template Editor by navigating to the Epic button > Tools > SmartTool Editors > Letter Template.

2. Create a new letter template with MR Patient Instructions and MR Letter functional types.
   - MR Patient Instructions will allow your template to be used for MyChart communications.
   - MR Letter will allow it to be used for paper mailers and as a phone script for staff.

   Separate templates can be created if the content between MyChart and phone/mailers should differ.

3. Enter the message that you want to use with patients. See Appendix B on page 35 for suggested content. **Note:** Use SmartLinks with caution as certain SmartLinks may not display correctly to the patient within MyChart. Select the Preview for Patient button to thoroughly test how SmartLinks will display for patients.

4. Save and release the letter template(s).

5. If your organization limits the templates available in the Bulk Communications activity, add the templates to the necessary profiles: Open Clinical Administration and navigate to Decision Support, Pop Management > Bulk Communication and Bulk Orders – 1 screen.

Mass Messaging Instructions (cont'd)

Making Bulk Communication Available in SlicerDicer

1. Access the Report Action Editor by performing a chart search.
2. Open the 58591042-HP Bulk Communication Launch from the SlicerDicer report action.
3. Click Create Copy and give your action a new name.
4. Navigate to the Activity Information section and add the following Info Names:
   - PATIENTID
   - HRNID
   - HRNRECORDID
5. Enter the following data in the appropriate fields:

Data Model	Item & View Parameter Information			Subset Information		
	Info Name	Source	Column	Subset Name	Source	ID
1-Patients 53000-Patients With Cancer	HRNID	Run ID		ACTION_SET	Row	
	HRNRECORDID	Run ID				
	PATIENTID	Run ID				

6. Save your report action.

Making Bulk Communication Available in Reporting Workbench

1. Access the Template Editor activity by performing a chart search.
2. Search for the Oncology Generic Criteria template in use at your organization.
   Note: A custom template must be created if your organization currently uses the report template from the Foundation System. In that case, open the report template and select the Create Copy button.

continued on the next page

Mass Messaging Instructions (cont'd)

Making Bulk Communication Available in Reporting Workbench (cont'd)

3. In the Template Editor, go to the Actions tab.
4. Select Add Action.
5. In the Provide Information window, search for the HP Bulk Communication Launch action and click Accept.
6. In the Parent Menu search field, search for MR_MNU_FMP_COMMUNICATION and add the HP Bulk Communication Launch action.
7. Save the template.
8. If you created a new template during Step 2, go to Template Manager and find your new template.
9. Add the appropriate Report Tags and Access Groups to the new template using the original Foundation System template as a reference.

Mass Messaging Instructions (cont'd)

Note

The build below assumes that your organization uses, or is amenable to creating, a disease-specific pool for oncologists who treat multiple myeloma. Portions of this build may be adapted to align with organizational preferences, such as identifying healthcare provider groups through department-specific pools. However, the core build and workflow outlined below will remain consistent. Contact your administrator and oncology leadership prior to the build to discuss the best strategy for your organization.

In Basket Pool Build

1. In Hyperspace, access the Category List Maintenance activity.
2. In the Masterfile prompt, enter "EMP." In the item prompt, enter "450."
3. Scroll to the bottom of the list to identify the next available ID, or scroll to the section that corresponds to the ID range assigned to the oncology areas at your organization (if applicable) to find the next available ID within that range.
4. In the ID field at the top of the screen, enter the ID you found.
5. In the name/title field, enter the name for the In Basket classification (eg, "Oncology – Multiple Myeloma Clinicians").
6. Click Save and close the activity.
7. Access the Registries activity.
8. In the search window, select Create New.
9. Enter an ID and a name. Often, these can be the same name and ID that you used for the classification steps above.

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Mass Messaging Instructions (cont'd)

In Basket Pool Build (cont'd)

10. In the Send Message To field, enter "EMP."
11. In the Selection Item field, enter "450-Classifications."
12. In the Selection Values field, enter the classification name created in Step 5.
13. In the Selection Linker field, enter "2700-Standard Selection Linker."
14. In the Message Received By field, enter "EMP."
15. Save and close the record.
16. Access the User Security activity and open a user record for one of the clinicians who should receive these messages.
    Note: This step, along with the subsequent steps, may need to be performed directly in the production environment if user records are maintained exclusively in that environment.
17. Navigate to the In Basket section in the table of contents on the left side of the screen.
18. In the User Classifications field, enter the classification name created in Step 5. Save and close the record.
19. Repeat Steps 16-18 for all remaining clinicians who should be in the pool.
20. Instruct clinicians to sign in to the new pool by selecting the My Pools icon in the toolbar of their In Baskets. Alternatively, the In Basket Classification activity may be used to sign them in manually.

Oracle Health

Patient List Instructions

Oracle Health's Discern Analytics 2.0 may be used to create a patient query. While there is no direct approach to create a report for line of treatment, a report with proxies can be created to help identify patients with RRMM who've had at least 1 line of therapy. Consult your organization if additional user rights are required to access this reporting tool.

1. Launch Discern Analytics 2.0. It may be found as DA2.exe in the applications folder.
2. Click the Domains tab to access available domains. Select the oncology domain.
   Note: Available domains vary by health system. Check for an oncology domain with oncology disease, staging, and regimen information. If a domain with oncology-specific data is not available, consider reaching out to your organization's data team.
3. Select File > New > Query or select the desired oncology domain by double-clicking it.
4. The query wizard will display available categories.
5. In the Qualifications window, select the Diagnosis Code (or Oncology Disease) filter and click Modify Filter List.

continued on the next page

Patient List Instructions (cont'd)

6. In the search field, enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02. Click Include.
7. In the Qualifications window, select the Orders > Orders Synonym ID filter and click Modify Filter List.
8. In the search field, enter and select the desired pharmaceutical classes/subclasses (proteasome inhibitors and immunomodulatory agents).
9. Set the logic to include the diagnosis and pharmaceutical classes/subclasses.
10. Select the desired display columns to include in the report and click the right arrow to drag them to the Columns window. Suggested display columns include information specific to:
    - Oncology staging (depending on the available data, a relapsed and refractory stage may be available)
    - PowerPlans (regimens)
    - Oncology disease (name, severity, disease form)
    - Person ID for the healthcare provider of record
11. Set the general criteria for the report and enter a unique name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").
12. Click Query > Query Review or Run Query in Viewer in the Query tab to run the query.
13. The results will display. The results may be further evaluated if desired or exported to Excel.
14. Review the orders column to confirm that each patient has completed at least 1 prior line of therapy.
15. Save the query for future use.

Mass Messaging Instructions

Communications to Healthcare Providers

Once a patient list has been created, Oracle Health's Dynamic Worklist can be used as a starting point for communicating with healthcare providers about patients who may be candidates for a bispecific antibody combination therapy. Communications to healthcare providers are not sent directly from Dynamic Worklist but are instead sent through the Message Center or another third-party messaging tool.

While EHRs may assist providers in identifying appropriate patients for consideration of assessment, treatment, and referral, the decision and action should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Johnson & Johnson Innovative Medicine shall have no liability thereto.

Note

There is no direct communication tool available in Discern Analytics 2.0. Consider selecting the desired patients from the Discern Analytics 2.0 patient list and exporting them into Dynamic Worklist to use the mass-messaging capability.

1. After running and exporting the report, filter it to show only the subset of patients you would like to message.
2. Go to Message Center > New Message.
   Note: It is recommended to send separate messages to each healthcare provider who has a patient on the list who may be eligible for a bispecific antibody combination therapy.
3. Enter the healthcare provider's username or Person ID found on the Dynamic Worklist.
4. Enter the subject line, body, and any attachments for the message.
   - Consider attaching the patient list specific to the healthcare provider you are messaging
   - For the subject line, consider: "Your Patient May Be Eligible for a Bispecific Antibody Combination Therapy"
   - For the body of the message, see Appendix A on page 33 for suggested content that can be copied and pasted into the message field
5. Once the message is sent, the healthcare provider will receive it in the EHR as a Message Center message, which will be visible when they log in. Because the message does not leave the EHR, it is secure and auditable.
6. Repeat these steps for each healthcare provider who has an eligible patient on the Dynamic Worklist.

Mass Messaging Instructions (cont'd)

Communications to Patients

Automated outreach to all eligible patients in the report can also be initiated through Oracle Health's Dynamic Worklist. Messages are delivered to patients using their preferred communication method, including letters, nurse outreach, HealtheLife messages (Oracle Health's patient portal), or no communication (do not contact) if the patient has opted out.

Note

There is no direct communication tool available in Discern Analytics 2.0. Consider selecting the desired patients from the Discern Analytics 2.0 patient list and exporting them into Dynamic Worklist to use the mass-messaging capability.

1. After exporting the desired patients into Dynamic Worklist, click Generate Communication from the menu.
2. Complete the Subject, Note Type, and Name in the Send on Behalf Of field.
3. Enter the message in the open window and click Generate. See Appendix B on page 35 for suggested content that can be copied and pasted into the message field.
4. Once all communications have been generated, click View Summary to monitor the progress of the outreach campaign.

OncoEMR

Patient List Instructions

OncoEMR's reporting functionality may be used to identify patients. While there is no direct approach to create a report for line of treatment, this information can be generated by combining multiple reports. The Disease ICD and the Active Patient Drugs reports allow users to search for medications and include ICD-10 codes for multiple myeloma. To add display information beyond the standard columns, create a new report, export the results to Excel, and merge all queries using a common data element, such as the patient's medical record number (MRN). Consult your organization if additional user rights are required to access this functionality.

Patient List Instructions (cont'd)

Step 1: Run the Disease ICD Report

1. Click General > Reports in the left navigation menu.
2. Select the Disease ICD report.
3. In the ICD Code field, enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
4. The report will display the following: patient name, MRN, MD, location, visit date, diagnosis description, diagnosis date, ICD code, stage string, and stage date.
5. Set the general criteria for the report and enter a unique name (eg, "Multiple Myeloma Disease ICD Report").
6. Export the data for further manipulation if desired. Once exported to Excel, the results can be further evaluated.

Step 2: Run the Active Patient Drugs Report

1. Click General > Reports in the left navigation menu.
2. Select the Active Patient Drugs report.
3. Set the start and end dates as desired.
4. Check the radio button for the Dx Type – Primary field.
5. In the ICD Code field, enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
6. In the Drug(s) field, enter the desired medications, separated by a comma.
7. The report will display the following: patient name, MRN, MD, location/preferred clinic, next visit date, orders or eRx, date, drug name, primary diagnosis code, description, stage, regimen name and start date, treatment setting and intent, histopathology, and patient primary insurer.

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Patient List Instructions (cont'd)

Step 2: Run the Active Patient Drugs Report (cont'd)

8. Set the general criteria for the report and enter a unique name (eg, "Multiple Myeloma Active Patient Drugs Report").

9. Export the data for further manipulation if desired. Once exported to Excel, the results can be further evaluated.

Step 3: Merge the Results in Excel

1. In Excel, merge both reports using a primary key (eg, MRN or patient name).

2. Review the patient drugs column to confirm that the patient has completed at least 1 prior line of therapy.

3. Save the report with a unique name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").

4. A manual chart review is recommended to confirm the line of treatment.

Mass Messaging Instructions

Communications to Healthcare Providers

The patient list can be used as a starting point for determining which healthcare providers to communicate to about patients who may be candidates for a bispecific antibody combination therapy. The patient list itself cannot auto-trigger communications to healthcare providers, but it can be filtered to determine which patients may qualify for a bispecific antibody combination therapy and therefore which healthcare providers to notify about these patients.

The steps below assume your organization uses the OncoEMR messaging module. If your organization does not use it or uses a third-party tool for healthcare provider messaging, consult your internal IT team on the appropriate process for creating and disseminating healthcare provider communications that contain protected health information.

While EHRs may assist providers in identifying appropriate patients for consideration of assessment, treatment, and referral, the decision and action should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Johnson & Johnson Innovative Medicine shall have no liability thereto.

1. Navigate to the messaging module and access the menu used for managing communication templates.

2. Create a new template with the following metadata defined:
   - Name: Patient Potentially Eligible for a Bispecific Antibody Combination Therapy
   - Category: Provider Alerts
   - Target Audience/User Role: Provider
   - Owner/Department: Determine who will own the template based on your organization's policies
   - Status: Draft (until fully developed/tested)

3. Compose the message content (below are suggestions only).
   - Subject line: "Your Patient May Be Eligible for a Bispecific Antibody Combination Therapy"
   - Body: See Appendix A on page 33 for suggested content that can be copied and pasted into the message
   - Signature/footer: Include an automatic signature and/or a department-specific footer

4. Define trigger and modality.
   - Define as a manual launch via "Send Alert to Provider." If your organization has automated functionality in place, define accordingly
   - Define if the message will be sent to the healthcare provider's OncoEMR inbox, as an alert message in the dashboard, etc

5. Once the template has been adequately tested, change the status to Active and educate users on the use of the new template.

6. Use the template to send the message.

Mass Messaging Instructions (cont'd)

Communications to Patients

If your organization integrates OncoEMR with a third-party tool for automated messaging, the patient list can help identify patients who may be appropriate to receive a message about discussing a bispecific antibody combination therapy with their healthcare provider. If your organization does have automated messaging enabled through a third-party tool, work with your internal IT team on configuration. See Appendix B on page 35 for suggested content that can be copied and pasted into the message. The steps below involve running and merging an additional report to obtain patient contact information for mass messaging.

Step 1: Run the Patient Detail Information Report

1. Click General > Reports in the left navigation menu.
2. Select the Patient Detail Information report.
3. Set the general criteria for the report and enter a unique name (eg, "Patient Demographic Information Report").
4. Export the data for further manipulation if desired. Once exported to Excel, the results can be further evaluated.

Step 2: Merge the Results in Excel

1. In Excel, merge the Patient Detail Information report with the previously merged reports using a primary key (eg, MRN or patient name).
2. Filter the report to only include the patients from the previously merged Disease ICD and Active Patient Drugs reports.
3. Save the report with a unique name (eg, "Contact Info for Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").
4. Use the report information to contact patients via phone, email, the CareSpace patient portal, etc. See Appendix B on page 35 for suggested content that can be used as a script for phone calls or copied and pasted into a message.

iKnowMed

Patient List Instructions

iKnowMed's Reports may be used to identify patients. While there is no direct approach to create a report for line of treatment, this information can be generated by combining multiple reports.

The Diagnosis Report and the Regimen Orders Report allow users to search for medications and include ICD-10 codes for multiple myeloma. To add display information beyond the standard columns, create a new report, export the results to Excel, and merge all queries using a common data element, such as the patient's medical record number (MRN). Consult your organization if additional user rights are required to access this functionality.

Patient List Instructions (cont'd)

Step 1: Run the Diagnosis Report

1. From the top toolbar, click Admin and select Reports from the pull-down menu.
2. Select the Reports tab.
3. Select the Diagnosis Report template.
4. In the ICD-10 Code & Description field, enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
5. Set other fields as desired (current stage, metastatic status, date of diagnosis, etc).
6. Click Generate Report to launch the patient query. The display columns are limited, and a manual chart pull may be required to confirm the information.
7. Click the 3 dots in the top right corner and select Download and then Excel to export to Excel.

Step 2: Run the Regimen Orders Report

1. From the top toolbar, click Admin and select Reports from the pull-down menu.
2. Select the Reports tab.
3. Select the Regimen Orders Report template.
4. In the Regimen Name and Medication Name field, enter and select the desired regimens and/or medications.
5. In the Associated Problem ICD-10 field, enter and select these ICD-10 codes for multiple myeloma: C90.00, C90.02.
6. Set other fields as desired (regimen type, date of order, etc).

continued on the next page

Patient List Instructions (cont'd)

Step 2: Run the Regimen Orders Report (cont'd)

7. Click Generate Report to launch the patient query. The display columns are limited, and a manual chart pull may be required to confirm the information.

8. Click the 3 dots in the top right corner and select Download and then Excel to export to Excel.

Step 3: Merge the Results in Excel

1. In Excel, merge both reports using a primary key (eg, patient name).

2. Review the past regimen orders column to confirm that the patient has completed at least 1 prior line of therapy.

3. Save the report with a unique name (eg, "List of Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").

4. A manual chart review is recommended to confirm the line of treatment.

Mass Messaging Instructions

Communications to Healthcare Providers

The patient list can be used as a starting point for determining which healthcare providers to communicate to about patients who may be candidates for a bispecific antibody combination therapy. The patient list itself cannot auto-trigger communications to healthcare providers, but it can be filtered to determine which patients may qualify for a bispecific antibody combination therapy and therefore which healthcare providers to notify about these patients. If your organization uses a third-party tool for healthcare provider messaging, consult your internal IT team on the appropriate process for creating and disseminating healthcare provider communications that contain protected health information. The steps below can be used to obtain healthcare provider contact information to notify them about patients who may be candidates for a bispecific antibody combination therapy.

While EHRs may assist providers in identifying appropriate patients for consideration of assessment, treatment, and referral, the decision and action should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Johnson & Johnson Innovative Medicine shall have no liability thereto.

Step 1: Run a Separate Report That Includes the Patients' Healthcare Provider Contact Information

1. From the top toolbar, click Admin and select Reports from the pull-down menu.
2. Select the Reports tab.
3. Select any report template that includes the contact information for the patients' healthcare provider.
4. Click Generate Report to launch the patient query.
5. Click the 3 dots in the top right corner and select Download and then Excel to export to Excel.

continued on the next page

Mass Messaging Instructions (cont'd)

Step 2: Merge the Results in Excel

1. In Excel, merge the report results from Step 1 with the previously merged reports using a primary key (eg, patient name).
2. Filter the report to only include the patients from the previously merged Diagnosis and Regimen Orders reports.
3. Save the report with a unique name (eg, "Healthcare Provider Contact Info for Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").
4. Use the report information to contact the patients' healthcare provider via phone or email. See Appendix A on page 33 for suggested content that can be used as a script for phone calls or copied and pasted into a message.

Communications to Patients

If your organization integrates iKnowMed with a third-party tool for automated messaging, the patient list can help identify patients who may be appropriate to receive a message about discussing a bispecific antibody combination therapy with their healthcare provider. If your organization does have automated messaging enabled through a third-party tool, work with your internal IT team on configuration. See Appendix B on page 35 for suggested content that can be copied and pasted into the message. The steps below can be used to obtain patient contact information for mass messaging.

Step 1: Run the Patient Demographics Report

1. From the top toolbar, click Admin and select Reports from the pull-down menu.
2. Select the Reports tab.
3. Select the Patient Demographics template.
4. Click Generate Report to launch the patient query.
5. Click the 3 dots in the top right corner and select Download and then Excel to export to Excel.

continued on the next page

Mass Messaging Instructions (cont'd)

Step 2: Merge the Results in Excel

1. In Excel, merge the Patient Demographics report with the previously merged reports using a primary key (eg, patient name).
2. Filter the report to only include the patients from the previously merged Diagnosis and Regimen Orders reports.
3. Save the report with a unique name (eg, "Contact Info for Patients With Multiple Myeloma With At Least 1 Prior Line of Therapy").
4. Use the report information to contact patients via phone, email, the My Care Plus patient portal, etc. See Appendix B on page 35 for suggested content that can be used as a script for phone calls or copied and pasted into a message.

Appendix A: Healthcare Provider Message

Below is an example of suggested content for the healthcare provider message. Organizations can edit this copy or create their own copy for a healthcare provider message as they see fit. See Appendix C on page 36 for smart data elements to use with this message for the relevant EHR systems referenced in this guide.

Subject line: Notification of Potential Patient Eligibility for a Bispecific Antibody Combination Therapy

Dear [insert healthcare provider name],

Based on a recent patient query conducted through your institution's electronic health record (EHR) system, you may have patients who meet the clinical eligibility criteria for a bispecific antibody combination therapy for relapsed or refractory multiple myeloma (RRMM).

This therapy has received regulatory approval for adult patients with RRMM who have received at least 1 prior line of therapy, including a proteasome inhibitor and an immunomodulatory agent.

EHR-Based Identification

Using EHR reporting tools, patients were identified based on:

- Diagnosis of multiple myeloma (ICD-10 code C90.00 or C90.02)
- History of ≥1 prior line of therapy
- Current treatment status indicating potential progression to second-line therapy

Clinical and Regulatory Considerations

This therapy is available only through a Risk Evaluation and Mitigation Strategy (REMS) program to manage these potential risks:

- Cytokine release syndrome (CRS)
- Neurologic toxicity, including immune effector cell-associated neurotoxicity syndrome (ICANS)

continued on the next page

Appendix A: Healthcare Provider Message (cont'd)

Next steps may include the following:

- Review the patient information, and consider a clinical evaluation of the patient to determine candidacy for a bispecific antibody combination therapy
- Confirm REMS certification status for prescribers and pharmacists
- Coordinate with initiating treatment centers as needed
- Ensure supportive therapies are available for CRS and neurologic toxicity, including ICANS

If you have any questions or need assistance with prior authorization or treatment logistics, please contact [insert contact info].

Thank you for your continued commitment to advancing care for patients with RRMM.

Sincerely,

[Insert healthcare provider name]

[Insert department name]

Appendix B: Patient Message

Below is an example of suggested content for the patient message. Organizations can edit this copy or create their own copy for a patient message as they see fit. Ensure that patients on the list are verified by the healthcare provider of record before sending the patient message. See Appendix C on page 36 for smart data elements to use with this message for the relevant EHR systems referenced in this guide.

Subject line: Important Information About a Combination Treatment Option for Relapsed or Refractory Multiple Myeloma

Dear [insert patient name],

We're reaching out to share information about an additional treatment option that may be relevant to you or someone you care for who is managing relapsed or refractory multiple myeloma (RRMM). A combination therapy is available to support ongoing care, and this may be a good time to speak with your healthcare provider about the most appropriate next steps.

A bispecific antibody combination therapy has been approved by the U.S. Food and Drug Administration for the treatment of adult patients with RRMM who have previously received at least 1 prior line of therapy, including a proteasome inhibitor and an immunomodulatory agent. The combination targets different proteins on myeloma cells. This may provide another treatment option for adult patients whose disease has progressed.

This bispecific antibody combination therapy may be an option for adults with a diagnosis of RRMM who have received at least 1 prior line of therapy, including a proteasome inhibitor and an immunomodulatory agent.

Next Steps

- Your care team will review your medical history and current treatment status
- If you are eligible, they will discuss the potential benefits and risks of this bispecific antibody combination therapy with you
- You will receive education about the treatment schedule and possible side effects
- Supportive care will be provided to help manage any side effects that may occur

If you have questions or would like to learn more, please contact your healthcare provider or care coordinator.

We are committed to supporting you throughout your treatment journey and providing you with access to information about different care options.

Sincerely,

Your Care Team

Appendix C: Smart Data Elements

Smart data elements are structured data points within certain EHR systems that enable dynamic, discrete patient information (eg, demographics, lab results, and healthcare provider or medication details) to be pulled directly into templates, notes, and forms. The table below provides examples of smart data elements that can be used in Epic, Oracle Health, and OncoEMR.

EHR	Feature Name	Examples
Epic	SmartLinks	@FNAME@ (patient first name), @MRN@ (medical record number), @AGE@ (patient age)
Oracle Health	Dynamic Documentation	{PATIENT.NAME}, {DOB}, {MRN}
OncoEMR	Merge Fields	[PatientName], [DOB], [ProviderName]

Notes

- The customer (eg, physician, medical group, integrated delivery network) shall be solely responsible for implementation, testing, and monitoring of the instructions to ensure proper orientation in each customer's EHR system

- Capabilities, functionality, and setup (customization) for each individual EHR system vary. Johnson & Johnson Innovative Medicine shall not be responsible for revising the implementation instructions it provides to any customer if that customer modifies or changes its software, or the configuration of its EHR system, after such time as the implementation instructions have been initially provided by Johnson & Johnson Innovative Medicine

- While Johnson & Johnson Innovative Medicine tests its implementation instructions on multiple EHR systems, the instructions are not guaranteed to work for all available EHR systems, and Johnson & Johnson Innovative Medicine shall have no liability thereto

- While EHRs may assist providers in identifying appropriate patients for consideration of assessment, treatment, and referral, the decision and action should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Johnson & Johnson Innovative Medicine shall have no liability thereto

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