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Identifying patients with relapsed or refractory multiple myeloma (RRMM) who may be eligible for a bispecific therapy

Instructions for the iKnowMed™ EHR System

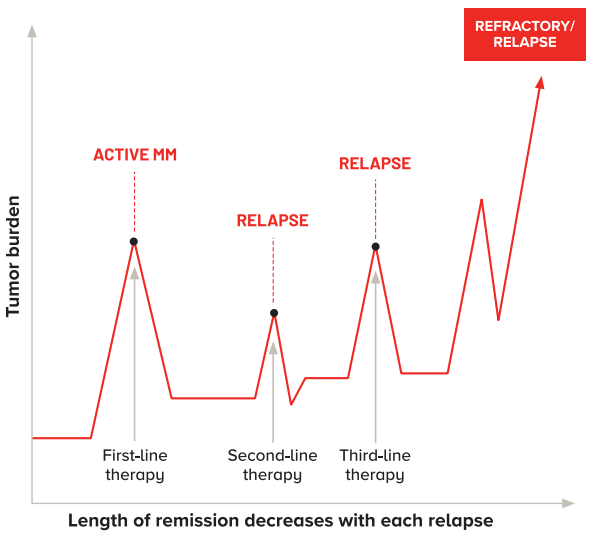
The Importance of Understanding Eligibility for Different Therapies in RRMM

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

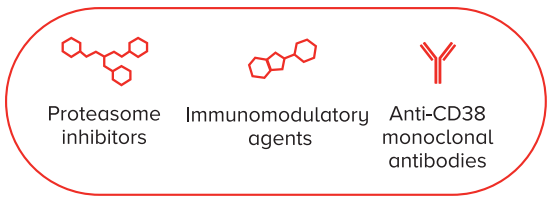
Multiple myeloma is prone to relapse, with patients with multiple myeloma continuing to relapse over the course of their disease.[4,5]

As RRMM progresses, the time between relapses shortens and patients can become refractory to treatment.[6-8] Furthermore, patients with RRMM can eventually become refractory to multiple classes of treatment, which continuously drives the need for new therapeutic approaches.[1-3]

Multiple Myeloma Cycle of Disease Progression[8]



Patients with RRMM have typically been treated with 3 classes of drugs[1]



Several treatment-related factors influence subsequent therapy selection, including[9]:

- Number and type of prior therapies
- Depth and/or duration of response to prior therapies

As patients with RRMM progress through lines of therapy, the number of treatment options becomes limited, so it is essential to identify different therapeutic targets and approaches.[2,8]

Bispecific antibodies have recently been FDA approved as an additional treatment approach for RRMM. For those interested in exploring bispecific antibodies as a therapeutic option, it is important to understand which patients may be eligible for this type of therapy.[10-12]

CD38, cluster of differentiation 38; RRMM, relapsed or refractory multiple myeloma.

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 4 lines of treatment or are currently receiving fourth-line treatment and may become candidates for fifth-line treatment, and thus may be eligible for a bispecific therapy. A patient query is created by entering patient clinical criteria and is run through the EHR’s reporting solution.

Overview and Limitations

These instructions were created specifically to create a patient list in the iKnowMed™ EHR system and will not work for other conditions, treatments, or therapeutic areas or for other EHR systems.

The process outlined in this document is 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 implementing, testing, monitoring, and ongoing operation of any EHR tools.

Suggested Inclusion Criteria

Diagnosis

- Multiple myeloma (ICD-10 code C90.0)

Medications

- At least 4 prior lines of therapy including medications from the proteasome inhibitors, immunomodulatory agents, and anti-CD38 monoclonal antibodies 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.

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 an ICD-10 code 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.

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 the ICD-10 code for multiple myeloma: C90.0.
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.

continued on the next page

Instructions (cont'd)

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 regimen and/or medication.
5. In the Associated Problem ICD-10 field, enter and select the ICD-10 code for multiple myeloma: C90.0.
6. Set other fields as desired (regimen type, date of order, etc).
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 4 prior lines of therapy.
3. Save the report with a unique name (eg, "List of Multiple Myeloma Patients With At Least 4 Prior Lines of Therapy").
4. A manual chart review is recommended to confirm the line of treatment.

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

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- 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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