

#1 PRESCRIBED MAINTENANCE THERAPY POST AUTO-HSCT^{1*}

REVLIMID is a FOUNDATION in NDMM post auto-HSCT

**Lenalidomide (REVLIMID)**

- The **ONLY** preferred National Comprehensive Cancer Network® (NCCN®) Category 1 maintenance therapy post auto-HSCT^{2†}
- The **ONLY** FDA-approved maintenance therapy post auto-HSCT³

Indications

REVLIMID® (lenalidomide) is indicated as maintenance therapy in adult patients with multiple myeloma (MM) following autologous hematopoietic stem cell transplantation (auto-HSCT).

REVLIMID is not indicated and is not recommended for the treatment of patients with chronic lymphocytic leukemia (CLL) outside of controlled clinical trials.

REVLIMID is only available through a restricted distribution program, REVLIMID REMS®.

Selected Safety Information: Boxed WARNINGS**WARNING: EMBRYO-FETAL TOXICITY, HEMATOLOGIC TOXICITY, and VENOUS and ARTERIAL THROMBOEMBOLISM**

See page 4 and full [Prescribing Information](#) for complete Boxed WARNINGS.

EMBRYO-FETAL TOXICITY

- Lenalidomide, a thalidomide analogue, caused limb abnormalities in a developmental monkey study similar to birth defects caused by thalidomide in humans. If lenalidomide is used during pregnancy, it may cause birth defects or embryo-fetal death.
- Pregnancy must be excluded before start of treatment. Prevent pregnancy during treatment by the use of two reliable methods of contraception.

REVLIMID is available only through a restricted distribution program called the REVLIMID REMS® program.

HEMATOLOGIC TOXICITY

- REVLIMID can cause significant neutropenia and thrombocytopenia.

VENOUS AND ARTERIAL THROMBOEMBOLISM

- Significantly increased risk of deep vein thrombosis (DVT) and pulmonary embolism (PE), as well as risk of myocardial infarction and stroke in patients with multiple myeloma receiving REVLIMID with dexamethasone. Anti-thrombotic prophylaxis is recommended.

*Claims data 07/2017-06/2020. Source: IntrinsiQ Data © 2020, IntrinsiQ Specialty Solutions, Inc.

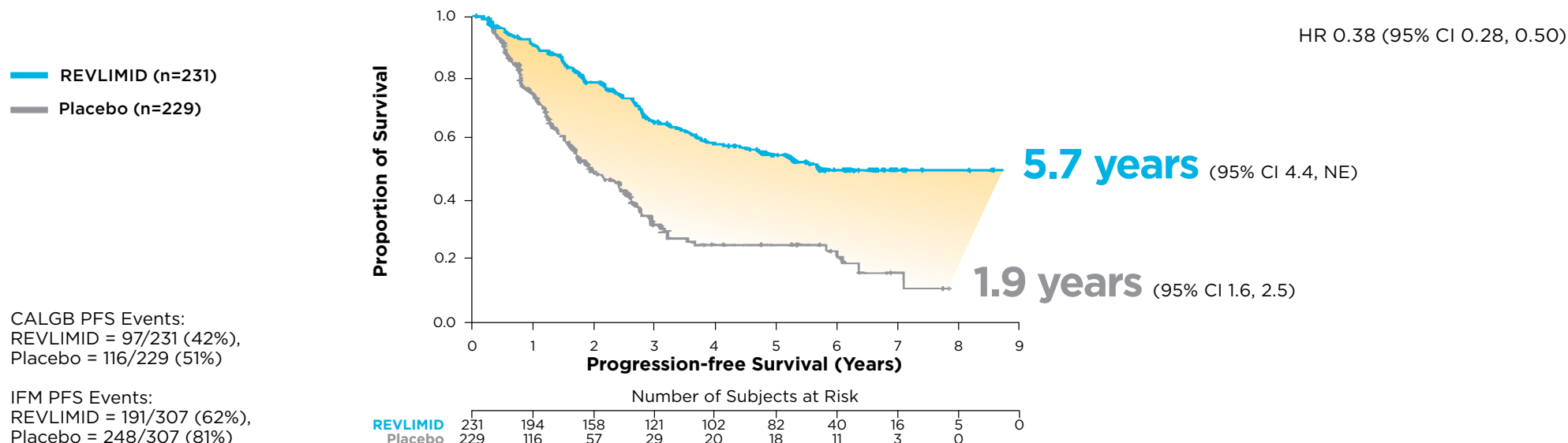
†See full NCCN Clinical Practice Guidelines in Oncology® (NCCN Guidelines®) for further detail about recommended therapies.

auto-HSCT, autologous hematopoietic stem cell transplantation; NDMM, newly diagnosed multiple myeloma.

Please see Important Safety Information on pages 4-6 and full [Prescribing Information](#), including Boxed WARNINGS, for REVLIMID.

CALGB (STUDY 1)

5.7-year median PFS with REVLIMID Maintenance³

3.8-YEAR INCREASE IN MEDIAN PFS VS PLACEBO (UPDATED ANALYSIS: MARCH 2015)^{3*}


IFM (Study 2): 1.9-year advantage in median PFS vs placebo*

Median PFS: 3.9 years with REVLIMID Maintenance (95% CI 3.3, 4.7) (n=307) vs 2.0 years with placebo (95% CI 1.8, 2.3) (n=307) (HR 0.53 [95% CI 0.44, 0.64])

Trial design:

CALGB (Study 1) and IFM (Study 2) were multicenter, randomized, double-blind, parallel-group, placebo-controlled studies in newly diagnosed patients 18-70 years (CALGB) and <65 years at diagnosis (IFM) who received auto-HSCT following induction therapy, which must have occurred within 12 months. Patients were randomized 1:1 to receive REVLIMID or placebo maintenance 90-100 days (CALGB) or within 6 months (IFM) post auto-HSCT. Patients were required to achieve at least stable disease following hematologic recovery and CrCl ≥ 30 mL/min. The primary endpoint for both studies was PFS, based on assessment by investigator, and was defined from randomization to the date of progression or death, whichever occurred first. In both studies, the starting dose of REVLIMID was 10 mg once daily for repeated 28-day cycles. After 3 months, a dose increase to 15 mg once daily occurred in 135 patients (58%) in CALGB, and 185 patients (60%) in IFM. The dose was reduced, interrupted, and/or discontinued as needed to manage toxicity. Patients were treated until disease progression, unacceptable toxicity, or patient withdrawal for any reason. At a preplanned interim analysis, the primary endpoint of PFS was met and both studies were unblinded, and patients continued to be followed as before. Patients in the placebo arm of CALGB were allowed to cross over to receive REVLIMID before disease progression; patients in the IFM study were not recommended to cross over. In IFM, REVLIMID was stopped at the recommendation of the Data Monitoring Committee in January 2011.

Selected Safety Information (continued)

CONTRAINDICATIONS

Pregnancy: REVLIMID can cause fetal harm when administered to a pregnant female and is contraindicated in females who are pregnant. If this drug is used during pregnancy or if the patient becomes pregnant while taking this drug, the patient should be apprised of the potential risk to the fetus.

Severe Hypersensitivity Reactions: REVLIMID is contraindicated in patients who have demonstrated severe hypersensitivity (e.g., angioedema, Stevens-Johnson syndrome, toxic epidermal necrolysis) to lenalidomide.

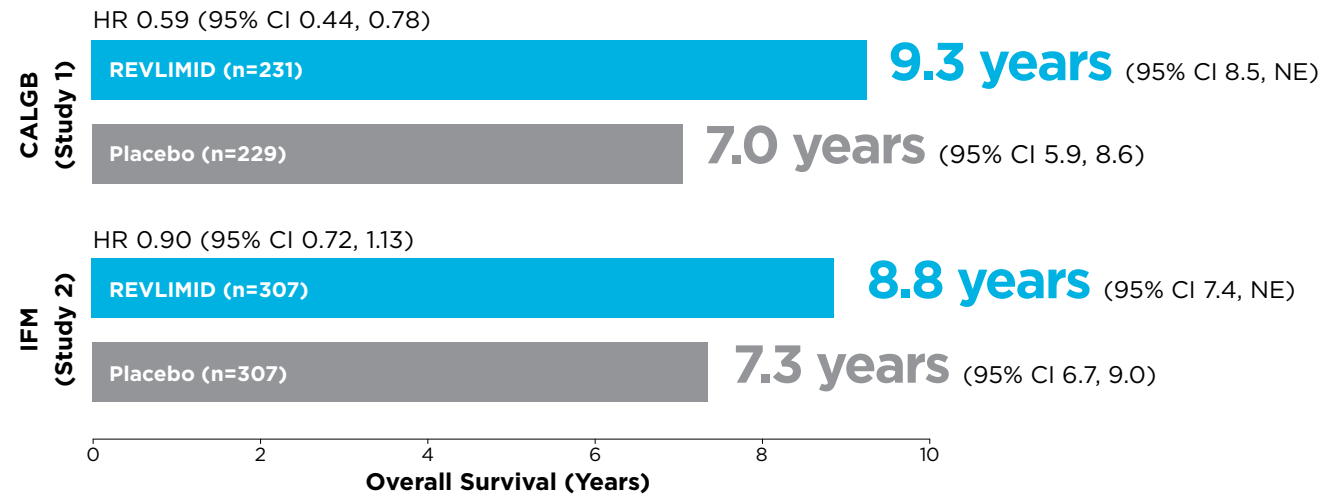
*Updated analysis, March 2015. Based on intent-to-treat (ITT) population.

auto-HSCT, autologous hematopoietic stem cell transplantation; CALGB, Cancer and Leukemia Group B; CrCl, creatinine clearance; IFM, Intergroupe Francophone du Myélome; NE, not evaluable; PFS, progression-free survival.

Please see Important Safety Information on pages 4-6 and full [Prescribing Information](#), including Boxed WARNINGS, for REVLIMID.

Revlimid[®]
(lenalidomide) capsules
2.5 • 5 • 10 • 15 • 20 • 25 mg

CALGB (STUDY 1)

9.3-year median OS with REVLIMID Maintenance³**MEDIAN OS DESCRIPTIVE ANALYSIS³**

Descriptive analysis of overall survival data with a cutoff date of February 1, 2016. Median follow-up time was 81.6 months for CALGB and 96.7 months for IFM. Neither CALGB nor IFM was powered to evaluate OS.



The ONLY preferred NCCN Category 1 maintenance therapy post auto-HSCT²

Selected Safety Information (continued)**WARNINGS AND PRECAUTIONS****Embryo-Fetal Toxicity: See Boxed WARNINGS**

- **Females of Reproductive Potential: See Boxed WARNINGS.**
- **Males:** Lenalidomide is present in the semen of patients receiving the drug. Males must always use a latex or synthetic condom during any sexual contact with females of reproductive potential while taking REVLIMID and for up to 4 weeks after discontinuing REVLIMID, even if they have undergone a successful vasectomy. Male patients taking REVLIMID must not donate sperm.
- **Blood Donation:** Patients must not donate blood during treatment with REVLIMID and for 4 weeks following discontinuation of the drug because the blood might be given to a pregnant female patient whose fetus must not be exposed to REVLIMID.

REVLIMID REMS® Program: See Boxed WARNINGS: Prescribers and pharmacies must be certified with the REVLIMID REMS program by enrolling and complying with the REMS requirements; pharmacies must only dispense to patients who are authorized to receive REVLIMID. Patients must sign a Patient-Physician Agreement Form and comply with REMS requirements; female patients of reproductive potential who are not pregnant must comply with the pregnancy testing and contraception requirements and males must comply with contraception requirements.

auto-HSCT, autologous hematopoietic stem cell transplantation; CALGB, Cancer and Leukemia Group B; IFM, Intergroupe Francophone du Myélome; NCCN, National Comprehensive Cancer Network; NE, not evaluable; OS, overall.

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Indications

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REVLIMID is not indicated and is not recommended for the treatment of patients with chronic lymphocytic leukemia (CLL) outside of controlled clinical trials.

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Important Safety Information

WARNING: EMBRYO-FETAL TOXICITY, HEMATOLOGIC TOXICITY, and VENOUS and ARTERIAL THROMBOEMBOLISM

Embryo-Fetal Toxicity

Do not use REVLIMID during pregnancy. Lenalidomide, a thalidomide analogue, caused limb abnormalities in a developmental monkey study. Thalidomide is a known human teratogen that causes severe life-threatening human birth defects. If lenalidomide is used during pregnancy, it may cause birth defects or embryo-fetal death. In females of reproductive potential, obtain 2 negative pregnancy tests before starting REVLIMID treatment. Females of reproductive potential must use 2 forms of contraception or continuously abstain from heterosexual sex during and for 4 weeks after REVLIMID treatment. To avoid embryo-fetal exposure to lenalidomide, REVLIMID is only available through a restricted distribution program, the REVLIMID REMS® program.

Information about the REVLIMID REMS program is available at www.celgeneriskmanagement.com or by calling the manufacturer's toll-free number 1-888-423-5436.

Hematologic Toxicity (Neutropenia and Thrombocytopenia)

REVLIMID can cause significant neutropenia and thrombocytopenia. Eighty percent of patients with del 5q MDS had to have a dose delay/reduction during the major study. Thirty-four percent of patients had to have a second dose delay/reduction. Grade 3 or 4 hematologic toxicity was seen in 80% of patients enrolled in the study. Patients on therapy for del 5q MDS should have their complete blood counts monitored weekly for the first 8 weeks of therapy and at least monthly thereafter. Patients may require dose interruption and/or reduction. Patients may require use of blood product support and/or growth factors.

Venous and Arterial Thromboembolism

REVLIMID has demonstrated a significantly increased risk of deep vein thrombosis (DVT) and pulmonary embolism (PE), as well as risk of myocardial infarction and stroke in patients with MM who were treated with REVLIMID and dexamethasone therapy. Monitor for and advise patients about signs and symptoms of thromboembolism. Advise patients to seek immediate medical care if they develop symptoms such as shortness of breath, chest pain, or arm or leg swelling. Thromboprophylaxis is recommended and the choice of regimen should be based on an assessment of the patient's underlying risks.

CONTRAINDICATIONS

Pregnancy: REVLIMID can cause fetal harm when administered to a pregnant female and is contraindicated in females who are pregnant. If this drug is used during pregnancy or if the patient becomes pregnant while taking this drug, the patient should be apprised of the potential risk to the fetus.

Severe Hypersensitivity Reactions: REVLIMID is contraindicated in patients who have demonstrated severe hypersensitivity (e.g., angioedema, Stevens-Johnson syndrome, toxic epidermal necrolysis) to lenalidomide.

WARNINGS AND PRECAUTIONS

Embryo-Fetal Toxicity: See Boxed WARNINGS

- **Females of Reproductive Potential: See Boxed WARNINGS.**
- **Males:** Lenalidomide is present in the semen of patients receiving the drug. Males must always use a latex or synthetic condom during any sexual contact with females of reproductive potential while taking REVLIMID and for up to 4 weeks after discontinuing REVLIMID, even if they have undergone a successful vasectomy. Male patients taking REVLIMID must not donate sperm.
- **Blood Donation:** Patients must not donate blood during treatment with REVLIMID and for 4 weeks following discontinuation of the drug because the blood might be given to a pregnant female patient whose fetus must not be exposed to REVLIMID.

Please see additional Important Safety Information on pages 5 and 6 and full [Prescribing Information](#), including Boxed WARNINGS, for REVLIMID.



Important Safety Information (continued)

REVLIMID REMS® Program: See Boxed WARNINGS: Prescribers and pharmacies must be certified with the REVLIMID REMS program by enrolling and complying with the REMS requirements; pharmacies must only dispense to patients who are authorized to receive REVLIMID. Patients must sign a Patient-Physician Agreement Form and comply with REMS requirements; female patients of reproductive potential who are not pregnant must comply with the pregnancy testing and contraception requirements and males must comply with contraception requirements.

Hematologic Toxicity: REVLIMID can cause significant neutropenia and thrombocytopenia. Monitor patients with neutropenia for signs of infection. Advise patients to observe for bleeding or bruising, especially with use of concomitant medications that may increase risk of bleeding. Patients may require a dose interruption and/or dose reduction.

MM: Monitor complete blood counts in patients taking REVLIMID + dexamethasone or REVLIMID as maintenance therapy, every 7 days for the first 2 cycles, on days 1 and 15 of cycle 3, and every 28 days thereafter.

Venous and Arterial Thromboembolism: See Boxed WARNINGS: Venous thromboembolic events (DVT and PE) and arterial thromboses (MI and CVA) are increased in patients treated with REVLIMID. Patients with known risk factors, including prior thrombosis, may be at greater risk and actions should be taken to try to minimize all modifiable factors (e.g., hyperlipidemia, hypertension, smoking). Thromboprophylaxis is recommended and the regimen should be based on the patient's underlying risks. Erythropoietin-stimulating agents (ESAs) and estrogens may further increase the risk of thrombosis and their use should be based on a benefit-risk decision.

Increased Mortality in Patients With CLL: In a clinical trial in the first-line treatment of patients with CLL, single-agent REVLIMID therapy increased the risk of death as compared to single-agent chlorambucil. Serious adverse cardiovascular reactions, including atrial fibrillation, myocardial infarction, and cardiac failure, occurred more frequently in the REVLIMID arm. REVLIMID is not indicated and not recommended for use in CLL outside of controlled clinical trials.

Second Primary Malignancies (SPM): In clinical trials in patients with MM receiving REVLIMID and in patients with FL or MZL receiving REVLIMID + rituximab therapy, an increase of hematologic plus solid tumor SPM, notably AML, have been observed. In patients with MM, MDS was also observed. Monitor patients for the development of SPM. Take into account both the potential benefit of REVLIMID and risk of SPM when considering treatment.

Increased Mortality With Pembrolizumab: In clinical trials in patients with MM, the addition of pembrolizumab to a thalidomide analogue plus dexamethasone resulted in increased mortality. Treatment of patients with MM with a PD-1 or PD-L1 blocking antibody in combination with a thalidomide analogue plus dexamethasone is not recommended outside of controlled clinical trials.

Hepatotoxicity: Hepatic failure, including fatal cases, has occurred in patients treated with REVLIMID + dexamethasone. Pre-existing viral liver disease, elevated baseline liver enzymes, and concomitant medications may be risk factors. Monitor liver enzymes periodically. Stop REVLIMID upon elevation of liver enzymes. After return to baseline values, treatment at a lower dose may be considered.

Severe Cutaneous Reactions: Severe cutaneous reactions including Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), and drug reaction with eosinophilia and systemic symptoms (DRESS) have been reported. These events can be fatal. Patients with a prior history of Grade 4 rash associated with thalidomide treatment should not receive REVLIMID. Consider REVLIMID interruption or discontinuation for Grade 2-3 skin rash. Permanently discontinue REVLIMID for Grade 4 rash, exfoliative or bullous rash, or for other severe cutaneous reactions such as SJS, TEN, or DRESS.

Tumor Lysis Syndrome (TLS): Fatal instances of TLS have been reported during treatment with REVLIMID. The patients at risk of TLS are those with high tumor burden prior to treatment. Closely monitor patients at risk and take appropriate preventive approaches.

Tumor Flare Reaction (TFR): TFR has occurred during investigational use of REVLIMID for CLL and lymphoma. Monitoring and evaluation for TFR is recommended in patients with MCL, FL, or MZL. Tumor flare may mimic the progression of disease (PD). In patients with Grade 3 or 4 TFR, it is recommended to withhold treatment with REVLIMID until TFR resolves to ≤Grade 1. REVLIMID may be continued in patients with Grade 1 and 2 TFR without interruption or modification, at the physician's discretion.

Impaired Stem Cell Mobilization: A decrease in the number of CD34+ cells collected after treatment (>4 cycles) with REVLIMID has been reported. Consider early referral to transplant center to optimize timing of the stem cell collection.

Thyroid Disorders: Both hypothyroidism and hyperthyroidism have been reported. Measure thyroid function before starting REVLIMID treatment and during therapy.

Please see additional Important Safety Information on pages 4 and 6 and full [Prescribing Information](#), including Boxed WARNINGS, for REVLIMID.



Important Safety Information (continued)

Early Mortality in Patients With MCL: In another MCL study, there was an increase in early deaths (within 20 weeks); 12.9% in the REVLIMID arm versus 7.1% in the control arm. Risk factors for early deaths include high tumor burden, MIPI score at diagnosis, and high WBC at baseline ($\geq 10 \times 10^9/L$).

Hypersensitivity: Hypersensitivity including angioedema, anaphylaxis, and anaphylactic reactions to REVLIMID has been reported. Permanently discontinue REVLIMID for these reactions.

ADVERSE REACTIONS

Multiple Myeloma

- **Maintenance Therapy Post Auto-HSCT:** The most frequently reported Grade 3 or 4 reactions in $\geq 20\%$ (REVLIMID arm) included neutropenia, thrombocytopenia, and leukopenia. The serious adverse reactions of lung infection and neutropenia (more than 4.5%) occurred in the REVLIMID arm.
- The most frequently reported adverse reactions in $\geq 20\%$ (REVLIMID arm) across both maintenance studies (Study 1, Study 2) were neutropenia (79%, 61%), thrombocytopenia (72%, 24%), leukopenia (23%, 32%), anemia (21%, 9%), upper respiratory tract infection (27%, 11%), bronchitis (4%, 47%), nasopharyngitis (2%, 35%), cough (10%, 27%), gastroenteritis (0%, 23%), diarrhea (54%, 39%), rash (32%, 8%), fatigue (23%, 11%), asthenia (0%, 30%), muscle spasm (0%, 33%), and pyrexia (8%, 20%).

DRUG INTERACTIONS

Periodically monitor digoxin plasma levels due to increased C_{max} and AUC with concomitant REVLIMID therapy. Patients taking concomitant therapies such as ESAs or estrogen-containing therapies may have an increased risk of thrombosis. It is not known whether there is an interaction between dexamethasone and warfarin. Close monitoring of PT and INR is recommended in patients with MM taking concomitant warfarin.

USE IN SPECIFIC POPULATIONS

- **PREGNANCY: See Boxed WARNINGS:** If pregnancy does occur during treatment, immediately discontinue the drug and refer patient to an obstetrician/gynecologist experienced in reproductive toxicity for further evaluation and counseling. There is a REVLIMID pregnancy exposure registry that monitors pregnancy outcomes in females exposed to REVLIMID during pregnancy as well as female partners of male patients who are exposed to REVLIMID. This registry is also used to understand the root cause for the pregnancy. Report any suspected fetal exposure to REVLIMID to the FDA via the MedWatch program at 1-800-FDA-1088 and also to Celgene Corporation at 1-888-423-5436.
- **LACTATION:** There is no information regarding the presence of lenalidomide in human milk, the effects of REVLIMID on the breastfed infant, or the effects of REVLIMID on milk production. Because many drugs are excreted in human milk and because of the potential for adverse reactions in breastfed infants from REVLIMID, advise female patients not to breastfeed during treatment with REVLIMID.
- **RENAL IMPAIRMENT:** Adjust the starting dose of REVLIMID based on the creatinine clearance value and for patients on dialysis.

REFERENCES

1. Data on file. Bristol-Myers Squibb Co; 2020.
2. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Multiple Myeloma V.4.2021. © National Comprehensive Cancer Network, Inc. 2020. All rights reserved. Accessed December 10, 2020. To view the most recent and complete version of the guidelines, go online to NCCN.org. NCCN makes no warranties of any kind whatsoever regarding their content, use, or application and disclaims any responsibility for their application or use in any way.
3. REVLIMID [package insert]. Summit, NJ: Celgene Corp.

Please see additional Important Safety Information on pages 4 and 5 and full [Prescribing Information](#), including Boxed WARNINGS, for REVLIMID.



REVLIMID is a FOUNDATION in NDMM post auto-HSCT

ONLY
NCCN
CATEGORY 1

Lenalidomide (REVLIMID): the ONLY preferred NCCN Category 1 maintenance therapy post auto-HSCT²

ONLY
FDA
APPROVED
MAINTENANCE THERAPY

The ONLY FDA-approved maintenance therapy post auto-HSCT³

#1
PRESCRIBED

#1 prescribed maintenance therapy post auto-HSCT^{1*}



Choose REVLIMID as a standard-of-care maintenance therapy post auto-HSCT³

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Selected Safety Information

- REVLIMID has Boxed WARNINGS for EMBRYO-FETAL TOXICITY, a RESTRICTED DISTRIBUTION PROGRAM—the REVLIMID REMS®, HEMATOLOGIC TOXICITY, and VENOUS and ARTERIAL THROMBOEMBOLISM.
- REVLIMID has contraindications for Pregnancy and Severe Hypersensitivity Reactions.
- Warnings and Precautions include Embryo-Fetal Toxicity, REVLIMID REMS® Program, Hematologic Toxicity, Venous and Arterial Thromboembolism, Increased Mortality in Patients With CLL, Second Primary Malignancies, Increased Mortality With Pembrolizumab, Hepatotoxicity, Severe Cutaneous Reactions, Tumor Lysis Syndrome, Tumor Flare Reaction, Impaired Stem Cell Mobilization, Thyroid Disorders, Early Mortality in Patients With MCL, and Hypersensitivity.

*Claims data 07/2017-06/2020. Source: IntrinsiQ Data © 2020, IntrinsiQ Specialty Solutions, Inc.
auto-HSCT, autologous hematopoietic stem cell transplantation; NCCN, National Comprehensive Cancer Network.

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02/21

US-REV-21-0021

