Information on this form is a guide only. User will be solely responsible for verifying its currency and accuracy with the corresponding BC Cancer treatment protocols located at www.bccancer.bc.ca and according to acceptable standards of care

PROTOCOL CODE: MYDARLDF (IV Cycle 1)

Patient RevAid #_____

DOCTOR'S ORDERS

Ht _____cm Wt _____kg BSA_____m^2

REMINDER: Please ensure drug allergies and previous bleomycin are documented on the Allergy & Alert Form

DATE: **To be given:** **Cycle #: 1**

Date of Previous Cycle: _____

Risk Category: ☐ **Female of Childbearing Potential (FCBP) Rx valid for 7 days**

Risk Category: ☐ **Male or Female of non-Childbearing Potential (NCBP)**

****Ensure Red Blood Cell Phenotype **and Group and Screen** for all patients prior to Cycle 1****

☐ Delay treatment _____ week(s)

☐ **CBC & Diff**, **Platelets** day of treatment

- May proceed with daratumumab Day 1 doses as written, if within 96 hours (or within 48 h for Days 8, 15, 22) **ANC greater than or equal to 1.0 x 10^9/L, Platelets greater than or equal to 50 x 10^9/L**
- May proceed with lenalidomide doses as written, if within 96 hours **ANC greater than or equal to 1.0 x 10^9/L, Platelets greater than or equal to 30 x 10^9/L, eGFR as per protocol**

Dose modification for: ☐ **Hematology: _____** ☐ **Other Toxicity: _____**

Proceed with treatment based on blood work from _____

CHEMOTHERAPY:

LENALIDOMIDE

☐ lenalidomide* _____ mg PO daily, in the evening, on days 1 to 21 and off for 7 days

☐ lenalidomide* _____ mg PO _____

(*available as 25 mg, 20 mg, 15 mg, 10 mg, 5 mg and 2.5 mg capsules)

*Note: Use one capsule strength for the total dose; there are cost implications as costing is per capsule and not weight based

Mitte:

☐ FCBP dispense 21 capsules (1 cycle)

☐ For Male and Female NCBP: Mitte: 21 capsules (1 cycle).

Physician to assure DVT prophylaxis in place: ASA, Warfarin, low molecular weight heparin or direct oral anticoagulant or none

Pharmacy Use for Lenalidomide:

RevAid confirmation number:

_____

Lenalidomide lot number:

_____

Pharmacist counsel (initial):

_____

DOCTOR'S SIGNATURE:

Physician Revaid ID:

SIGNATURE:

UC:

DATE:

STEROID: RN to use patient's therapeutic steroid as pre-med for daratumumab - refer to protocol.

Standard Regimen: daratumumab full dose administered on Cycle 1 Day 1

☐ **dexamethasone** ☐ **40 mg or** ☐ **20 mg** PO before daratumumab on days 1, 8, 15 and 22
OR
☐ **predniSONE 100 mg** PO before daratumumab on days 1, 8, 15, and 22

OR

Alternative Regimen: daratumumab split dose administered on Cycle 1 Day 1 and Day 2

☐ **dexamethasone 20 mg** PO before daratumumab on days 1 and 2, and **40 mg** before daratumumb on days 8, 15, 22
OR
☐ **dexamethasone 20 mg** PO before daratumumab on days 1 and 2 and **20 mg** before daratumumb on days 8, 15, 22
OR
☐ **predniSONE 50 mg** PO before daratumumab on days 1 and 2, and **predniSONE 100 mg** before daratumumb on days 8, 15, 22

****Have Hypersensitivity Reaction Tray and Protocol Available****

DARATUMUMAB

If patient is VZV seropositive and/or at physician's clinical judgement, physician to ensure prophylaxis with valACYclovir 500 mg daily while on daratumumab and for 4 weeks after discontinuation

DARATUMUMAB PREMEDICATIONS: Patient to take own supply. RN/Pharmacist to confirm.

dexamethasone as ordered in steroid section

montelukast 10 mg PO prior to daratumumab on Day 1 (and Day 2 if on alternative regimen)

☐ **montelukast 10 mg** PO prior to daratumumab on Days 8, 15 and 22

acetaminophen 650 mg PO prior to each daratumumab. Repeat **acetaminophen 650 mg** PO every 4 hours x 1 dose during infusion on day 1 of cycle 1 only, then every 4 hours when needed

Select one of the following:

☐ **loratadine 10 mg** PO prior to each daratumumab, then **diphenhydrAMINE 50 mg** IV every 4 hours when needed

OR

☐ **diphenhydramine 50 mg** ☐ PO or ☐ IV prior to each daratumumab.
Repeat **diphenhydramine 50 mg** ☐ PO or ☐ IV every 4 hours x 1 dose during the infusion on day 1 of cycle 1 only, then **diphenhydrAMINE 50 mg** IV every 4 hours when needed

DOCTOR'S SIGNATURE:	**SIGNATURE:** **UC:**

DATE:

****Have Hypersensitivity Reaction Tray and Protocol Available****

Standard regimen: daratumumab full dose administered on Cycle 1 Day 1

☐ **CYCLE 1, Day 1:**

daratumumab (First dose) 16 mg/kg x _____ kg = _____mg IV in 1000 mL NS (use 0.2 micron in-line filter)

OR

Alternative regimen: daratumumab split dose administered on Cycle 1 Day 1 and Day 2

☐ **CYCLE 1, Days 1 and 2**

daratumumab 8 mg/kg x _____ kg = _____mg IV in 500 mL NS (use 0.2 micron in-line filter)

Infusion rate for Day 1, (and Day 2, if Alternative regimen):

Start at 50 mL/h. If no infusion-related reactions after 60 minutes, increase by 50 mL/h every 60 minutes to a maximum rate of 200 mL/h
If BP falls to less than 80/50 mmHg or pulse increases to greater than 120 or if flushing, dyspnea, chills, rash, pruritus, vomiting, chest pain, throat tightness, cough, wheezing, or any other new acute discomfort occurs, stop daratumumab infusion and page physician.

Vitals monitoring:

Vital signs immediately before the start of infusion, then every 30 minutes x 4, then every 1-2 hours until the end of infusion and at 30 minutes post infusion. Observe patient for 30 minutes after each daratumumab infusion

☐ **CYCLE 1, Day 8**:
daratumumab 16 mg/kg x _____ kg = _____mg IV in 500 mL NS (use 0.2 micron in-line filter)

Infusion rate: Physician to determine rate of infusion

If no reaction in the previous infusion or reaction is Grade 2 or less:

☐ Start at 200 mL/h. If no infusion-related reactions after 30 minutes, infuse the remainder at 450 mL/h (Rapid infusion)

OR

If reaction in the previous infusion is Grade 3:

☐ Start at 50 mL/h. If no infusion-related reactions after 60 minutes, increase by 50 mL/h every 60 minutes to a maximum rate of 200 mL/h (Slow infusion)

Vitals monitoring:

Vital signs immediately before the start, at the end of the infusion and as needed. Observe patient for 30 minutes after infusion.

DOCTOR'S SIGNATURE:	**SIGNATURE:** **UC:**

DATE:

****Have Hypersensitivity Reaction Tray and Protocol Available****

CYCLE 1, Days 15 and 22:

daratumumab 16 mg/kg x _____ kg = _____mg IV in 500 mL NS (use 0.2 micron in-line filter)

Infusion rate for Days 15 and 22: Physician to determine rate of infusion

If no reaction in the previous infusion or reaction is Grade 2 or less:

☐ Start at 200 mL/h. If no infusion-related after 30 minutes, infuse the remainder at 450 mL/h (Rapid infusion)

OR

If reaction in the previous infusion is Grade 3:

☐ Start at 100 mL/h. If no infusion-related reactions after 60 minutes, increase by 50 mL/h every 60 minutes to a maximum rate of 200 mL/h. Refer to protocol for modified starting rate if previous infusion reactions were experienced during infusion rate of greater than or equal to 100 mL/h (Slow infusion)

Vitals monitoring: Vital signs immediately before the start, at the end of the infusion and as needed. Observe patient for 30 minutes after infusion. (Vitals and observation post-infusion not required after 3 treatments with no reaction).

RETURN APPOINTMENT ORDERS

☐ STANDARD REGIMEN: For Cycle 1, book chemo on days 1, 8, 15 and 22

☐ ALTERNATIVE REGIMEN: For Cycle 1, book chemo on days 1, 2, 8, 15 and 22

For Cycle 2 book chemo on days 1, 8, 15, 22

Return in **four** weeks for Doctor and Cycle 2

Laboratory: Blood work done prior to next cycle must be done less than or equal to 4 days prior to the start date

Red Blood Cell phenotype and Group and Screen prior to cycle 1

Cycles 1 to 2:

Day 1: CBC & Diff, platelets, sodium, potassium, creatinine, calcium, ALT, bilirubin, serum protein electrophoresis, serum free light chain levels

Day 8, 15, 22: CBC & Diff, platelets

☐ **CBC & Diff, platelets, creatinine, calcium** every two weeks

TSH every three months

If clinically indicated: ☐ immunoglobulin panel ☐ urine protein electrophoresis
☐ sodium, potassium ☐ ALT ☐ bilirubin ☐ creatinine

☐ Quantitative β-hCG blood test for FCBP 7-14 days and 24 h prior to cycle 1 and every week for 4 weeks during cycle 1

☐ Quantitative β-hCG blood test for FCBP less than or equal to 7 days prior to cycle 2

☐ See general orders sheet for additional requests

☐ Other tests:

☐ Consults:

DOCTOR'S SIGNATURE:	**SIGNATURE:** **UC:**