in patients requiring transfusions (data on file)

* areagines GnA/OBA to notiscifite with identification of ABO/RhD antigens

Additional Resources

Janssame 19 PHERMACEUTICAL COMPANIES

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To report Adverse Events/Product Complaint, please contact us at

Adverse events reporting guidance:

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DARATUMUMAB

References

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antibody therapy. Transfusion. 2015;55(6 Pt 2):1555-1562.

For full prescribing information, please refer to the data sheet or contact Johnson & Johnson Middle East FZ LLC, Mohamed Bin Rashid Academic Medical Centre Building 14, Level 7 - Dubai Healthcare City - Dubai 505080, United Arab

completed by For full prescribing information, please refer to th

A patient's compatibility profile, determined prior to their first dose of daratumumab, is recorded on the patient's ID card

- If an emergency transfusion is required, non-crossmatched, ABO/RhD-compatible RBCs can be given, per local blood bank practices⁶
- To date, no clinically significant hemolysis has been observed in patients receiving daratumumab, and no transfusion reactions have occurred
 - Daratumumab Interference Is Clinically Manageable

If available, refer to the patient's ID card for their blood type and antibody ID CARD OK

> DTT or locally validated Treat reagent RBCs with

DARATUMUMAB

daratumumab Interference Mitigation Methods

screen results conducted prior to initiation of daratumumab treatment.

daratumumab interference mitigation methods

daratumumab-treated patients may show pan-reactivity in Indirect Antiglobulin Test (IAT)

KEMEMBEK

Interference with Blood Compatibility Testing

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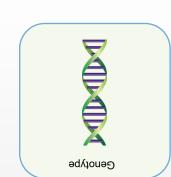
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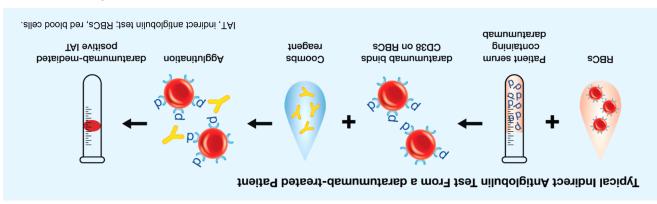
2. Daratumumab Summary of Product Characteristics, Janssen-Cilag International NV, Beerse, Belgium.

Understanding & Mitigating daratumumab



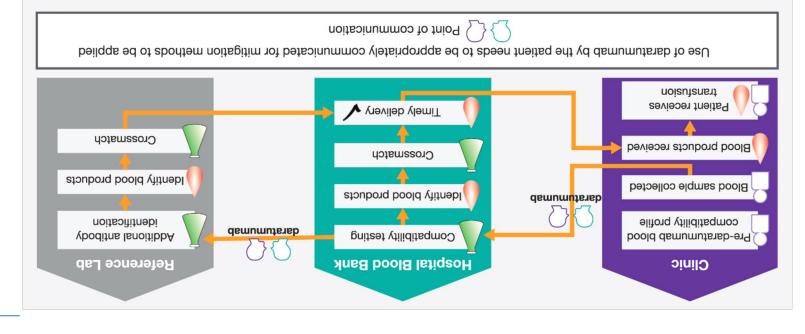
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Daratumumab Results in a Positive Indirect Antiglobulin Test which may persist for up to 6 months after the last product's infusion



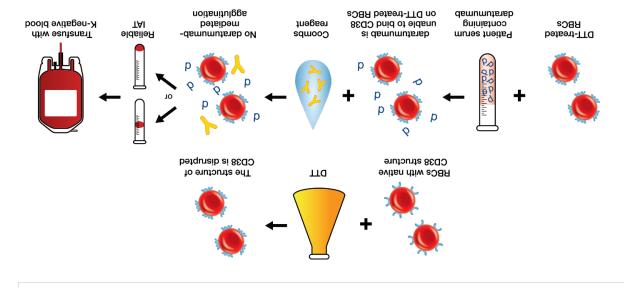
- \bullet daratumunab is a human monoclonal antibody for the treatment of multiple myeloma or AL amyloidosis 2
- daratumumab binds to CD38,1 a protein that is expressed at low levels on red blood cells (RBCs) $^{3-5}$
- set vilidited and of the contract of the contr
- daratumumab binding to RBCs may mask the detection of antibodies to minor antigens. This interferes with compatibility tests, including the antibody screening and crossmatching¹

Help Prevent Delays by Applying Mitigation Methods



- If steps are not taken to mitigate daratumumab interference, delays in the release of blood products for transfusion may occur.
- Blood products for transfusion can be identified for daratumumab-treated patients using protocols available in the literature^{1,6} or by using genotyping⁷
- Mitigation methods should be used until pan-agglutination is no longer observed

Treat Reagent RBCs With DTT or Locally Validated Method



DDT, dithiothreitol; IAT, indirect antiglobulin test; RBC, red blood cells.

- Treat reagent RBCs with dithiothreitol (DTT) to disrupt daratumumab binding, thus allowing antibody screening or crossmatching to be performed; the protocol can be found in Chapuy et al¹. Alternative locally validated methods can also be used
- Blood products for transfusion were identified for daratumumab-treated patients, after using DTT-treated reagent RBCs for antibody screening¹
- Since the Kell blood group system is also sensitive to DTT treatment,8 K-negative units should be supplied after ruling out or identifying alloantibodies using DTT-treated RBCs