

Alphanate®
Antihemophilic Factor/von Willebrand
Factor Complex (Human)



Alphanate⁶

antihemophilic factor/von Willebrand factor complex (human)

ALPHANATE is an effective treatment for patients with von Willebrand disease (VWD)1

Patient with type 2N VMD who requires surgary"



Sydney's physician prescribed ALPHANATE because it:



Is a high-purity product manufactured pedifically to preserve the natural factor VIII (EVIIIVVWI-complex



Has been used successfully as prophylaxis during surgery or invasive



Has been approved and effectively ised for VWD since 2007



Is indicated for use in both adults

ALPHANATE* (antihemophilic factor/von Willebrand factor complex [human]) is indicated for surgical and/or invasive procedures in adult and pediatric patients with von Willebrand disease (VWD) in whom desmopressin (DDAVP) is either ineffective or contraindicated. It is not indicated for patients with severe VWD (type 3) undergoing major surgery.

Monitor for development of FVIII and VWF inhibitors. Perform appropriate assays to determine if FVIII and/or VWF inhibitor(s) are present if bleeding is not controlled with expected dose of ALPHANATE.

ALPHANATE can be dosed to meet a VWD patient's individual needs preoperative, periprocedural, and for postoperative maintenance.1

The most frequent adverse drug reactions reported with ALPHANATE in >1% of infusions were pruritus, headache, back pain, paresthesia, respiratory distress, facial

Please see Important Safety Information for ALPHANATE on adjacent panel, and see a Grifols representative for full Prescribing Information.



Proven protection as demonstrated in VWD clinical trials¹

In clinical trials of patients with VWD, ALPHANATE successfully prevented excessive bleeding during and immediately after a wide range of major and minor surgical and invasive procedures.1



In clinical trials, more than 9 in 10 patients had good or excellent results, meaning the bleeding was comparable to or only slightly worse than expected bleeding in patients without a clotting disorder.

Confidently consider ALPHANATE, the only plasma-derived VWD treatment that provides1:

- A maximum infusion rate[†] of 10 mL/min
- The most vial sizes for a variety of dosing options
- FDA labeling for capacity to remove pathogenic prions

ALPHANATE is contraindicated in patients who have manifested life-threatening immediate hypersensitivity reactions, including anaphylaxis, to the product or its

Anaphylaxis and severe hypersensitivity reactions are possible with ALPHANATE. Discontinue use of ALPHANATE if hypersensitivity symptoms occur, and initiate appropriate treatment.

Because ALPHANATE is made from human plasma, it may carry a risk of transmitting infectious agents, eg, viruses, the variant Creutzfeldt-Jakob disease (vCJD) agent, and, theoretically, the Creutzfeldt-Jakob disease (CJD) agent, despite steps designed to reduce this risk.

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Alphanate®

antihemophilic factor/von Willebrand factor complex (human)

ALPHANATE is an effective treatment for patients with von Willebrand disease (VWD)¹

THE RESERVE AS A SECOND

Sydney

35 years old

Patient with type 2N VWD who requires surgery

Promboembelic events have been reported with ansihemophilic factor (AHP)/von Wilebrand factor (VMP) complex (human) in YMD patients, especially in settings of known risk factors.



Sydney's physician prescribed ALPHANATE because it:



Is a high-purity product manufactured specifically to preserve the natural factor VIII (FVIII)/VWF complex



Has been used successfully as prophylaxis during surgery or invasive procedures



Has been approved and effectively used for WWD since 2007



Is indicated for use in both adults and children

ALPHANATE® (antihemophilic factor/von Willebrand factor complex [human]) is indicated for surgical and/or invasive procedures in adult and pediatric patients with von Willebrand disease (VWD) in whom desmopressin (DDAVP) is either ineffective or contraindicated. It is not indicated for patients with severe VWD (type 3) undergoing major surgery.

Monitor for development of FVIII and VWF inhibitors. Perform appropriate assays to determine if FVIII and/or VWF inhibitor(s) are present if bleeding is not controlled with expected dose of ALPHANATE.

ALPHANATE can be dosed to meet a VWD patient's individual needs — preoperative, periprocedural, and for postoperative maintenance.¹

The most frequent adverse drug reactions reported with ALPHANATE in >1% of infusions were pruritus, headache, back pain, paresthesia, respiratory distress, facial edema, pain, rash, and chills.

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Proven protection as demonstrated in VWD clinical trials¹

In clinical trials of patients with VWD, ALPHANATE successfully prevented excessive bleeding during and immediately after a wide range of major and minor surgical and invasive procedures.¹



In clinical trials, more than 9 in 10 patients had good or excellent results, meaning the bleeding was comparable to or only slightly worse than expected bleeding in patients without a clotting disorder.¹

Confidently consider ALPHANATE, the **only** plasma-derived VWD treatment that provides¹:

- A maximum infusion rate[†] of 10 mL/min
- The most vial sizes for a variety of dosing options
- FDA labeling for capacity to remove pathogenic prions

Rate of infusion is based upon tolerability of the patient.

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Reference: 1. ALPHANATE® (antihemophilic factor/von Willebrand factor complex [human Drawnshing Information (furbol)

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Indications

ALPHANATE® (antihemophilic factor/von Willebrand factor complex [human]) is indicated for:

- Control and prevention of bleeding episodes and perioperative management in adult and pediatric patients with factor VIII (FVIII) deficiency due to hemophilia A
- Surgical and/or invasive procedures in adult and pediatric patients with von Willebrand disease (VWD) in whom desmopressin (DDAVP) is either ineffective or contraindicated. It is not indicated for patients with severe VWD type 3) undergoing major surgery

Important Safety Information

ALPHANATE is contraindicated in patients who have manifested life-threatening immediate hypersensitivity reactions, including anaphylaxis, to the product or its components.

Anaphylaxis and severe hypersensitivity reactions are possible with ALPHANATE. Discontinue use of ALPHANATE if hypersensitivity symptoms occur, and initiate appropriate treatment.

Development of procoagulant activity-neutralizing antibodies (inhibitors) has been detected in patients receiving FVIII-containing products. Carefully monitor patients treated with AHF products for the development of FVIII inhibitors by appropriate clinical observations and laboratory tests.

Thromboembolic events have been reported with AHF/VWF complex (human) in VWD patients, especially in the setting of known risk factors.

Intravascular hemolysis may occur with infusion of large doses of AHF/VWF complex (human).

Rapid administration of a FVIII concentrate may result in vasomotor reactions.

Because ALPHANATE is made from human plasma, it may carry a risk of transmitting infectious agents, eg, viruses, the variant Creutzfeldt-Jakob disease (vCJD) agent, and, theoretically, the Creutzfeldt-Jakob disease (CJD) agent, despite steps designed to reduce this risk.

Monitor for development of FVIII and VWF inhibitors. Perform appropriate assays to determine if FVIII and/or VWF inhibitor(s) are present if bleeding is not controlled with expected dose of ALPHANATE.

The most frequent adverse drug reactions reported with ALPHANATE in >1% of infusions were pruritus, headache, back pain, paresthesia, respiratory distress, facial edema, pain, rash, and chills.

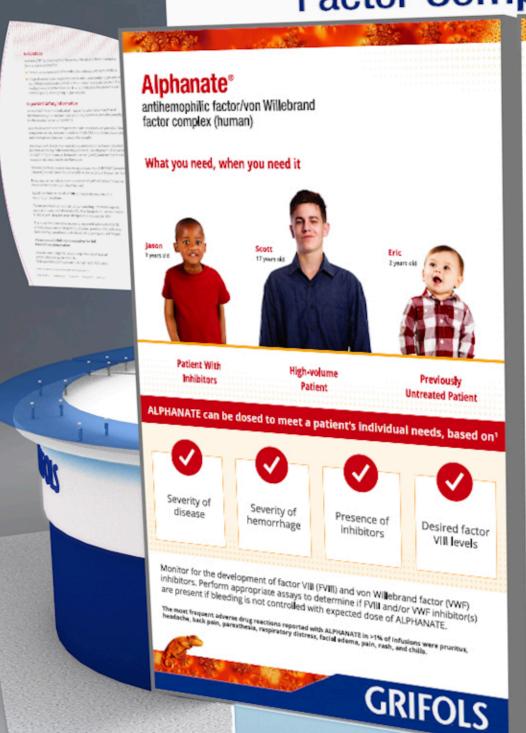
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You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.

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Alphanate®
Antihemophilic Factor/von Willebrand
Factor Complex (Human)



Confidently consider ALPHANATE, a proven choice for all patient types



ALPHANATE replaces exactly what is missing from the coagulation cascade, with the added benefits of von Willebrand factor



With ALPHANATE, the mean in vivo half-life is 17.9 hours



Since launch in 1997, there has never been a confirmed case of prion or virus transmission with ALPHANATE

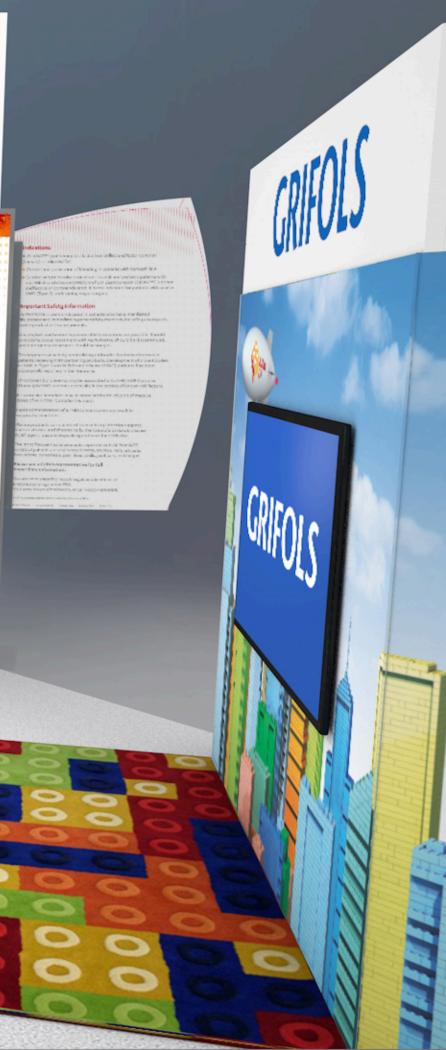
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GRIFOLS



Alphanate®

antihemophilic factor/von Willebrand factor complex (human)

What you need, when you need it







Patient



Previously
Untreated Patient

ALPHANATE can be dosed to meet a patient's individual needs, based on



Severity of disease



Severity of hemorrhage



Presence of inhibitors



Desired factor VIII levels

Monitor for the development of factor VIII (FVIII) and von Willebrand factor (VWF) inhibitors. Perform appropriate assays to determine if FVIII and/or VWF inhibitor(s) are present if bleeding is not controlled with expected dose of ALPHANATE.

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Reference: 1. ALPHANATE* (antihemophilic factor/von Willebrand factor complex (human)) Prescribing Information. Grifols.

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