

FACTOR VIII (RECOMBINANT)

(Advate®; Kovaltry®; Nuwiq®; Xyntha®; rFVIII)

CLASSIFICATION

- Coagulation factor.

INDICATIONS

- Routine prophylaxis to prevent or reduce frequency of bleeding episodes in adults and children with hemophilia A (classical hemophilia).
 - prevention and control of bleeding episodes, in hemophilia A.
 - perioperative management of patients with hemophilia A.
- Acquired hemophilia with low levels of factor VIII inhibitors.

ADMINISTRATION

- Reconstitute vials as per package insert.

Advate®

- Available in 250 IU, 500 IU, 1000 IU, 1500 IU, 2000 IU and 3000 IU vials (plasma and albumin-free)
- IV Direct: physician or RHCP; over 5 minutes (maximum infusion rate of 10 mL/minute). Monitor pulse before and during administration.
- Continuous infusion: refer to product monograph for details.

Kovaltry®

- Available in 250 IU, 500 IU, 1000 IU, 2000 IU and 3000 IU vials
- IV Direct: physician or RHCP; slowly over several minutes using the provided administration set. Monitor pulse before and during administration.

Nuwiq®

- Available in 250 IU, 500 IU, 1000 IU and 2000 IU vials
- IV Direct: physician or RHCP; at a rate of 4 mL/minute.

Xyntha® / Xantha Solofuse®

- Available in 250 IU, 500 IU, 1000 IU and 2000 IU vials. Available in 250 IU, 500 IU, 1000 IU, 2000 IU and 3000 IU prefilled dual-chamber syringes.
- IV Direct: physician or RHCP; slowly over several minutes

POTENTIAL ADMINISTRATION HAZARDS

- Hypersensitivity: fever, chills, facial swelling, flushing, rash, hives, hypotension, wheezing, anaphylaxis (rare).
- CNS: headache.
- Local reactions: burning, pruritus and erythema at injection site.

DOSAGE

- Refer to product monographs.

COMPATIBILITY, STABILITY

Advate®

- Store vials between 2-8°C. May be stored at room temp (up to 30°C) for up to 6 months. Do not place back in the refrigerator once removed from refrigerated storage.
- Do not refrigerate after reconstitution. Administer within 3 hours after reconstitution.

Kovaltry®

- Store vials between 2-8°C. May be stored at room temp (up to 25°C) for up to 12 months. Do not place back in the refrigerator once removed from refrigerated storage.
- Administer within 3 hours after reconstitution.

Nuwiq®

- Store vials between 2-8°C. Protect from light. May be stored at room temp (up to 25°C) for up to one month. Do not place back in the refrigerator once removed from refrigerated storage.
- Reconstituted solution should be used within 3 hours. Do not refrigerate the solution after reconstitution

Xyntha®

- Store between 2-8°C. May be stored at room temp (up to 25°C) for up to 3 months. After room temperature storage, the product can be returned to refrigerated storage until the expiration date. Do not store Xyntha® at room temperature and return it to refrigerated storage more than once.
- Reconstituted solutions may be stored at room temp and administered within 3 hours.

AVAILABILITY

- Advate® is not currently available from Canadian Blood Services. Nuwiq® is not stocked in KHSC blood bank, but is available to order from CBS upon request.

REFERENCES

1, 2, 23, 40, 95, 135.

2015 (KGH Revision Nov 2017)