Acquired hemophilia A is a rare disease resulting from autoantibodies (inhibitors) against endogenous factor VIII (FVIII) that leads to bleeding, which is often spontaneous and severe. AHA tends to occur in elderly patients with comorbidities and is associated with high mortality risk from underlying comorbidities, bleeding, or treatment complications. Management of this bleeding diathesis in a Jehovah's Witness patient is challenging due to the religious beliefs further reducing the possibility for successful treatment of bleeding related to presence of FVIII inhibitor. Hemapure is a bovine hemoglobin based oxygen carrying solution that is approved only for compassionate use in patients with life threatening anemia in whom blood transfusion is not an option.