

Advice on administration of the COVID-19 vaccine by intra-muscular injection for people with bleeding disorders

1. People with mild bleeding disorders or on Maintenance dose Emicizumab (Hemlibra)

Diagnosis	Action
Mild FVIII/FIX deficiency and VWD Baseline levels > 10% (0.1 IU/ml)	Haemostatic cover not required pre IM injection. Apply pressure (without rubbing the area) to the IM injection site for 10 minutes post injection. Keep the area under observation after the IM injection and contact the Haemophilia/Bleeding Disorder Comprehensive Care Centre if any concerns about bruising or bleeding.
Low Von Willebrand Factor	
Mild factor deficiencies (other than FVIII or FIX)	
Platelet function defect or Bleeding Disorder of unknown aetiology with mild bleeding history	
People with severe FVIII deficiency on Emicizumab prophylaxis on maintenance dose (after the 4 th weekly dose)	

2. All other people with bleeding disorders

Diagnosis	Haemostatic cover required
Mild FVIII/FIX deficiency and VWD Baseline levels <= 10% (0.1 IU/ml)	Factor replacement to 50% (either factor concentrate or DDAVP according to treatment of choice)
Moderate or Severe FVIII/FIX deficiency	Factor replacement to 50%
People with severe FVIII deficiency on Emicizumab (Hemlibra) before the 4 th weekly dose	Factor replacement to 50%
Type 3 VWD	Factor replacement to 50%
Severe factor deficiencies other than FVIII/FIX	Factor replacement (either factor concentrate or plasma according to treatment of choice)
Severe Platelet function disorders (eg Glanzmanns, Bernard Soulier)	Platelet transfusion or NovoSeven according to treatment of choice Platelet transfusion should be HLA matched if available
Platelet function defect or Bleeding Disorder of unknown aetiology with severe bleeding history	Tranexamic acid, DDAVP or platelet transfusion according to treatment of choice

NOTES:

- People on home treatment with clotting factor concentrate can self-administer a prophylaxis dose or an on demand dose (to 50%).
- Apply pressure (without rubbing the area) to the IM injection site for 10 minutes post injection.
- Keep the area under observation after the IM injection and contact the Haemophilia/Bleeding Disorder Comprehensive Care Centre if any concerns about bruising or bleeding.

If there is any uncertainty about the need for haemostatic cover, discuss with the Haemophilia/Bleeding Disorder Comprehensive Care Centre where the person is registered.