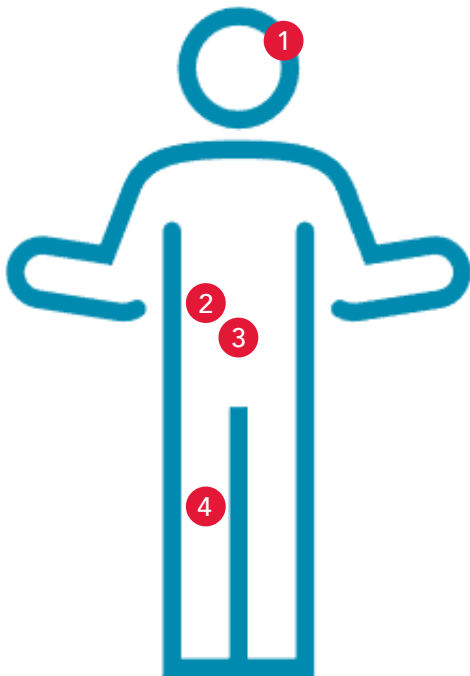


Chapter 7

TREATMENT OF SPECIFIC HEMORRHAGES

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- The primary clinical hallmarks of hemophilia are prolonged spontaneous and/or traumatic hemorrhages.
- The main treatment for bleeding episodes in patients with severe hemophilia is prompt clotting factor replacement therapy and rehabilitation.
- The aim of management of specific hemorrhages is not only to treat the bleed, but also to prevent bleed recurrence, limit complications, and restore tissue and/or organ function to a pre-bleed state.



1. Intracranial hemorrhage

Symptoms:

- Head injury
- Headache
- Sleepiness
- Severe back pain



Treatment:

- Immediate treatment with CFCs (before investigations begin)
- Immediate hospitalization and medical evaluation by a neurologist

2. Renal hemorrhage

Symptoms:

- Abdominal pain
- Abdominal swelling
- Flank and back pain
- Urination of blood



Treatment:

- Immediate treatment with CFCs
- Adequate hydration
- Bed rest

3. Gastrointestinal and abdominal hemorrhage

Symptoms:

- Vomiting blood
- Rectal passage of blood
- Melena (black stools)



Treatment:

- Immediate treatment with CFCs (before investigations begin)
- Immediate hospitalization and medical evaluation
- Antifibrinolytics
- Treat underlying condition

4. Joint hemorrhage

Symptoms:

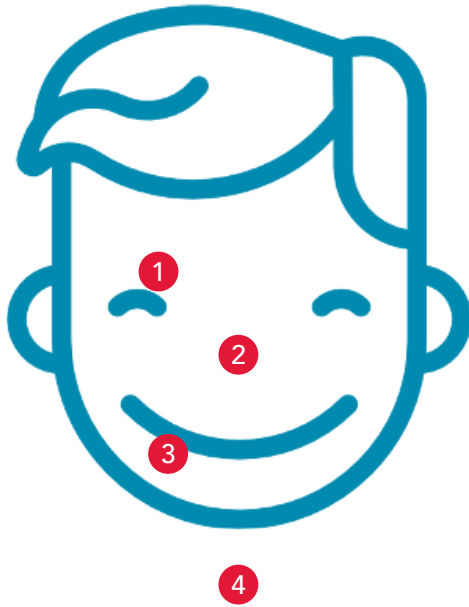
- Swelling
- Skin hot to the touch
- Increase of pain
- Loss of ROM



Treatment:

- Immediate CFCs
- Analgesics for pain
- RICE (rest, ice, compression, elevation), PRICE (protection, rest, ice, compression, elevation), or POLICE (protection, optimal loading, ice, compression, elevation)
- Physical therapy and rehabilitation

Chapter 7 TREATMENT OF SPECIFIC HEMORRHAGES



1. Ophthalmic hemorrhage

Symptoms:

- Bleeding in the eye



Cause:

- Possible trauma or infection

Treatment:

- Immediate treatment with CFCs (before investigations begin)
- Monitor every 6-8h until bleed has resolved

2. Epistaxis

Symptoms:

- Bleeding in the nose



Cause:

- Irritation
- Trauma

Treatment:

- Elevate head
- Compression
- Gauze soaked in antifibrinolytics
- Avoid nasal packing
- CFCs if warranted
- It may not be necessary to go to the hospital (unless epistaxis is not isolated or if the epistaxis does not improve)

3. Oral hemorrhage

Symptoms:

- Bleeding in the mouth



Cause:

- Dental extraction
- Gum disease
- Trauma

Treatment:

- Apply direct pressure 15-30 min / sutures and adrenaline if needed
- Immediate treatment with CFCs
- Dentist consultation
- No intense sports, soft diet x3-5 days
- No smoking for 24 hrs
- Soft splint if necessary

4. Throat and neck hemorrhages

Symptoms:

- Increase swelling in neck area
- Increase pain in neck area



Cause:

- Local pathology
- Trauma
- Coughing

Treatment:

- Immediate treatment with CFCs (before investigations begin)
- Immediate hospitalization and medical evaluation by an otolaryngologist