

1. MANIFEST BLEEDING

A) Mild Bleeding

no transfusion, stable haemodynamics

B) Severe Bleeding

< 4 erythrocyte concentrates
haemodynamically stable
without catecholamines

C) Life-threatening or organ-threatening Bleeding

≥ 4 erythrocyte concentrates,
catecholamine demand

Clinical observation

Clinical observation, haemodynamic monitoring
Volume therapy
Erythrocyte concentrate transfusion
according to individual transfusion trigger (~ 7-9 g/dl)

Local haemostasis

e.g. sclerotherapy, compression

General measures

e.g. avoidance of hypertension, hypothermia

Local haemostasis

e.g. surgical Intervention, compression

General measures

e.g. avoidance of hypothermia, acidosis, hypocalcaemia,
correction of secondary acquired coagulopathy

Reduction of dabigatran

e.g. discontinuation, suspension until
haemostasis is achieved

Discontinue dabigatran

Reduce resorption

active coal (1 g/kg BW) enterally in case of dabigatran intake < 2h

Consider forced elimination
haemodialysis > 4 h (haemo(dia)filtration)

Consider reversal
PPSB or FEIBA (≥ 25 U/kg BW) or rFVIIa
(≥ 50 µg/kg BW); consider repetition
(not effective: FFP)

Laboratory analyses

blood count

renal function (eGFR, creatinine clearance)

if available: routine coagulation tests,
dabigatran-sensitive test

Laboratory analyses

blood count

renal function (eGFR, creatinine clearance)

routine coagulation tests including thrombin time;
if available: Hemoclot Test or ecarin clotting time

2. PERIOPERATIVES BLEEDING RISK

Elective Surgery

Minor bleeding risk

Continue dabigatran
Clinical observation
Vigilance of surgical team

High bleeding risk

Discontinue dabigatran:
creatinine clearance > 80 ml/min:
2 days
creatinine clearance 50-80 ml/min:
3 days
creatinine clearance 30-50 ml/min:
≥ 4 days
Clinical observation
Careful haemostasis
Patient Blood Management
General measures
e.g. avoidance of hypothermia; volume therapy

Severe/life-threatening bleeding



see reverse side

Laboratory analyses

pre-op: blood count, renal function
intra-op: blood count

Acute Surgery

Minor bleeding risk

Dabigatran not discontinued
Clinical observation, haemodynamic monitoring
Vigilance of surgical team

High bleeding risk

Discontinue dabigatran
Reduce resorption
active coal (1 g/kg BW) enterally in case of dabigatran intake < 2 h
Consider forced elimination
haemodialysis > 4 h (haemo(dia)filtration)
Clinical observation
Careful haemostasis
Patient Blood Management
General measures
e.g. avoidance of hypothermia, volume therapy

Severe/life-threatening bleeding



see reverse side

Laboratory analyses

blood count, renal function, routine coagulation tests including thrombin time
if available: Hemoclot Test or ecarin clotting time

Emergency Surgery

Consider reversal
PPSB or FEIBA (≥ 25 U/kg BW) or rFVIIa
(≥ 50 µg/kg BW); consider repetition
(not effective: FFP)