

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

Local haemostasis
e.g. sclerotherapy, compression
General measures
e.g. avoidance of hypertension, hypothermia

Reduction of dabigatran
e.g. discontinuation, suspension until
haemostasis is achieved

Laboratory analyses
blood count
renal function (eGFR, creatinine clearance)
if available: routine coagulation tests,
dabigatran-sensitive test

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

Local haemostasis
e.g. surgical intervention, compression
General measures
e.g. avoidance of hypothermia, acidosis, hypocalcaemia,
correction of secondary acquired coagulopathy

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)

Laboratory analyses
blood count
renal function (eGFR, creatinine clearance)
routine coagulation tests including thrombin time;
if available: Hemoclot Test or ecarin clotting time

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

2. PERIOPERATIVES BLEEDING RISK

Elective Surgery

Minor bleeding risk

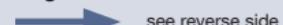
Continue dabigatran
Clinical observation
Vigilance of surgical team

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

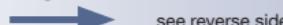
Dabigatran not discontinued
Clinical observation, haemodynamic monitoring
Vigilance of surgical team

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)