

Bleeding / Pain after Renal Biopsy Guideline

This guidance does not override the individual responsibility of health professionals to make appropriate decision according to the circumstances of the individual patient in consultation with the patient and /or carer. Health care professionals must be prepared to justify any deviation from this guidance.

Introduction

Severe bleeding after renal biopsy is uncommon but can rarely be life-threatening. It may become apparent the day after (or even a few days after) a kidney biopsy. Severe bleeding may occur into the urinary space (resulting in visible haematuria, possibly urinary retention due to clots or colic due to clot), into the retroperitoneal space (resulting in pain, haemorrhagic shock), or under the renal capsule (resulting in pain and possibly paradoxical hypertension due to “Page kidney”). The absence of haematuria does NOT exclude bleeding. This guideline is meant to serve as basic advice for initial management to doctors in A&E or general medicine, but ALL PATIENTS SUSPECTED TO HAVE A BLEED SHOULD BE SEEN BY A NEPHROLOGIST as soon as possible.

This guideline is for use by the following staff groups:

All Medical staff

Lead Clinician(s)

Dr Martin Ferring Consultant, Diabetes

Reviewed on: 8th July 2024

Review Date: 8th July 2027

This is the most current document and is to be used until a revised version is available

WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

Key amendments to this guideline

Date	Amendment	Approved by:
May 2014	New guideline	
December 2016	Documents extended for 12 months as per TMC paper approved 22 ND July 2015	TMC
October 2017	Document extended for further two years with no changes	Dr Ferring
December 2017	Sentence added in at the request of the Coroner	
January 2020	Document extended for 3 months whilst undergoing approval process	Dr Martin Ferring
14 th April 2020	Document extended for 6 months during COVID period	
February 2021	Document extended as per Trust agreement 11.02.2021	
15 th December 2021	Document extended for 6 months to allow for thorough review	Specialist Medicine Divisional Governance
17 th March 2022	Document extended until the end of the year to allow for thorough review	Dr Jasper Trevelyan
June 2024	Minor amendment to flow chart including correct contact numbers and including renal referral e-mail and major haemorrhage policy	

WAHT-REN-010

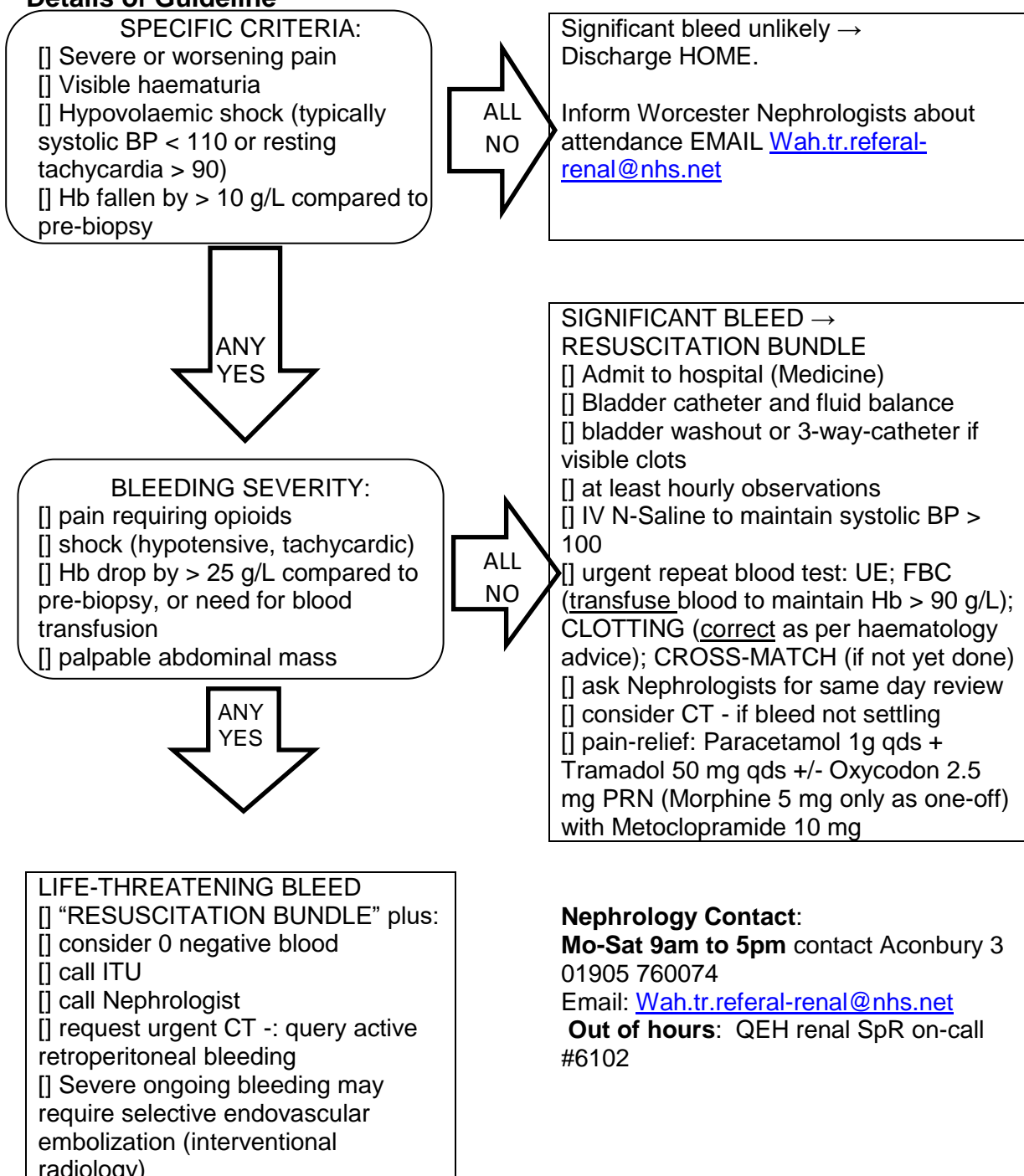
It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

Bleeding / Pain after Renal Biopsy Guideline

Introduction

Severe bleeding after renal biopsy is uncommon but can be life-threatening. It may become apparent the same day or within a few days after a kidney biopsy. Severe bleeding may occur into the urinary space (resulting in visible haematuria, possibly urinary retention due to clots or colic due to clot), into the retroperitoneal space (resulting in pain, haemorrhagic shock), or under the renal capsule (resulting in pain and possibly paradoxical hypertension due to "Page kidney"). The absence of haematuria does NOT exclude bleeding. This guideline gives basic initial advice to doctors in A&E or Medicine, but ALL PATIENTS WITH SUSPECTED BLEED MUST BE SEEN BY A NEPHROLOGIST URGENTLY.

Details of Guideline



WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

[] Be aware of trusts major haemorrhage policy WAH T-KD-001

Monitoring Tool

1. Periodic audit on renal biopsies (at least every 2 years) by renal / radiology department
2. Systematic case review of every patient with significant bleed (defined as longer than planned in hospital stay for biopsy, or re-admission within a fortnight due to bleeding, or patient requiring blood transfusion within 2 weeks after kidney biopsy)

References

Whittier WL and Korbet SM: Indications for and complications of renal biopsy. UpToDate Online Wolters Kluwer Health (accessed 06/06/2014; last literature review May 2014; last updated 31/12/2013); URL:

http://www.uptodate.com/contents/indications-for-and-complications-of-renalbiopsy?source=search_result&search=renal+biopsy&selectedTitle=1%7E150

Contribution List

Key individuals involved in developing the document

Name	Designation
Clair Burton	Specialist nurse haematology

Circulated to the following individuals for comments

Name	Designation
Dr Stephen Spencer	Renal Consultant
Dr Sharan Wadhvani	Radiology Consultant

Circulated to the following CD's/Heads of dept for comments from their directorates / departments

Name	Directorate / Department
Dr Nick Hudson	Consultant Gastroenterology and Medical Director

Circulated to the chair of the following committee's / groups for comments

Name	Committee / group
	Directorate meeting
	Clinical Effectiveness committee

WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

Supporting Document 1 - Equality Impact Assessment Tool

To be completed by the key document author and included as an appendix to key document when submitted to the appropriate committee for consideration and approval.

Please complete assessment form on next page;



Herefordshire & Worcestershire STP - Equality Impact Assessment (EIA) Form
Please read EIA guidelines when completing this form

Section 1 - Name of Organisation (please tick)

Herefordshire & Worcestershire STP		Herefordshire Council		Herefordshire CCG	
Worcestershire Acute Hospitals NHS Trust	x	Worcestershire County Council		Worcestershire CCGs	
Worcestershire Health and Care NHS Trust		Wye Valley NHS Trust		Other (please state)	

Name of Lead for Activity	
----------------------------------	--

Details of individuals completing this assessment	Name	Job title	e-mail contact
Date assessment completed			

Section 2

Activity being assessed (e.g. policy/procedure, document, service redesign, policy, strategy etc.)	Title: Bleeding after Renal Biopsy Guideline		
What is the aim, purpose and/or intended outcomes of this Activity?			
Who will be affected by the development & implementation of this activity?	<input type="checkbox"/> Service User <input checked="" type="checkbox"/> Patient <input type="checkbox"/> Carers <input type="checkbox"/> Visitors	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Staff Communities Other _____
Is this:	<input checked="" type="checkbox"/> Review of an existing activity <input type="checkbox"/> New activity <input type="checkbox"/> Planning to withdraw or reduce a service, activity or presence?		

WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

What information and evidence have you reviewed to help inform this assessment? (Please name sources, eg demographic information for patients / services / staff groups affected, complaints etc.	
Summary of engagement or consultation undertaken (e.g. who and how have you engaged with, or why do you believe this is not required)	
Summary of relevant findings	

Section 3

Please consider the potential impact of this activity (during development & implementation) on each of the equality groups outlined below. **Please tick one or more impact box below for each Equality Group and explain your rationale.**

Please note it is possible for the potential impact to be both positive and negative within the same equality group and this should be recorded. Remember to consider the impact on e.g. staff, public, patients, carers etc. in these equality groups.

Equality Group	Potential positive impact	Potential neutral impact	Potential negative impact	Please explain your reasons for any potential positive, neutral or negative impact identified
Age				
Disability				
Gender Reassignment				
Marriage & Civil Partnerships				
Pregnancy & Maternity				
Race including Traveling Communities				
Religion & Belief				
Sex				
Sexual Orientation				
Other Vulnerable and Disadvantaged Groups (e.g. carers; care leavers; homeless;				

WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

Equality Group	Potential <u>positive</u> impact	Potential <u>neutral</u> impact	Potential <u>negative</u> impact	Please explain your reasons for any potential positive, neutral or negative impact identified
Social/Economic deprivation, travelling communities etc.)				
Health Inequalities (any preventable, unfair & unjust differences in health status between groups, populations or individuals that arise from the unequal distribution of social, environmental & economic conditions within societies)				

Section 4

What actions will you take to mitigate any potential negative impacts?	Risk identified	Actions required to reduce / eliminate negative impact	Who will lead on the action?	Timeframe
How will you monitor these actions?				
When will you review this EIA? (e.g in a service redesign, this EIA should be revisited regularly throughout the design & implementation)				

Section 5 - Please read and agree to the following Equality Statement

1. Equality Statement

1.1. All public bodies have a statutory duty under the Equality Act 2010 to set out arrangements to assess and consult on how their policies and functions impact on the 9 protected characteristics: Age; Disability; Gender Reassignment; Marriage & Civil Partnership; Pregnancy & Maternity; Race; Religion & Belief; Sex; Sexual Orientation

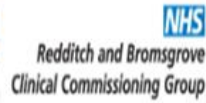
1.2. Our Organisations will challenge discrimination, promote equality, respect human rights, and aims to design and implement services, policies and measures that meet the diverse needs of our service, and population, ensuring that none are placed at a disadvantage over others.

1.3. All staff are expected to deliver services and provide services and care in a manner which respects the individuality of service users, patients, carer's etc, and as such treat them and members of the workforce respectfully, paying due regard to the 9 protected characteristics.

WAHT-REN-010

It is the responsibility of every individual to ensure this is the latest version as published on the Trust Intranet

Signature of person completing EIA	
Date signed	
Comments:	
Signature of person the Leader Person for this activity	
Date signed	
Comments:	



WAHT-REN-010

It is the responsibility of every individual to check that this is the latest version/copy of this document.

Supporting Document 2 – Financial Impact Assessment

To be completed by the key document author and attached to key document when submitted to the appropriate committee for consideration and approval.

	Title of document:	Yes/No
1.	Does the implementation of this document require any additional Capital resources	No
2.	Does the implementation of this document require additional revenue	No
3.	Does the implementation of this document require additional manpower	No
4.	Does the implementation of this document release any manpower costs through a change in practice	No
5.	Are there additional staff training costs associated with implementing this document which cannot be delivered through current training programmes or allocated training times for staff	No
	Other comments:	

If the response to any of the above is yes, please complete a business case and which is signed by your Finance Manager and Directorate Manager for consideration by the Accountable Director before progressing to the relevant committee for approval