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# Acacium Group Community

## Urinalysis

Procedure Reference | SOP 09

Version | V4.0

<b>Procedure Name</b>	Urinalysis
<b>Purpose of Document</b>	To ensure that the correct preparation, procedure and outcome are achieved by implementing a consistent, and systematic, approach to the procedure of urinalysis
<b>Target Audience</b>	All nurses and appropriately trained workers
<b>Version</b>	V4.0
<b>Author</b>	Karen Matthews-Shard
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<b>Lead Director</b>	Karen Matthews-Shard
<b>Review Frequency</b>	3 yearly, or when clinical or operation guidelines change
<b>Last Reviewed</b>	October 2022
<b>Next Review Date</b>	October 2025
<b>Equality Impact Assessment (EIA) Form</b>	Acacium Group is committed to Equality, Diversity and Inclusion and in line with our values, we strive to ensure that everyone that is part of the Acacium community is not disadvantaged or discriminated against given their individual need or characteristics. To support this, an Equality Impact Assessment has been undertaken on this policy/procedure. This information is held centrally and can be requested from the Clinical Governance Team.
<b>About Acacium Group</b>	Details of all Acacium Group trading companies that this policy applies to are detailed within Appendix A

Document History			
Version	Date	Changes made/comments	By whom
V1	Dec 2016	Implementation of document history page	KNF/SJ
V1	Mar 2018	Updated front sheet to include new review frequency date.	KMS/MS
V2	Oct 2019	3 Yearly Review	Clinical Advisory Group
V2.1	Oct 2020	Updated re rebrand	CC
V3	Oct 2022	3 Yearly Review	Clinical Advisory Group
V4	Jan 2024	Rebrand	Clinical Advisory Group

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## 1. Introduction

- 1.1 Urinalysis is the analysis of the volume as well as the physical, chemical and microscopic properties of urine which informs the practitioner about the state of the body and the possibility of a urinary infection.

## 2. Aim

- 2.1 To detect any abnormalities in the Client's urine in order to support any timely treatment if required.

## 3. Who needs to be aware of this procedure

- 3.1 All Acacium Group healthcare professionals may undertake this procedure as long as they are competent to do so.

## 4. Assessment of need

- 4.1 Urinalysis may be indicated when a Client complains of difficulty passing urine, pain, burning on urination, or urine has been observed to have an offensive smell, looks abnormal such as has haematuria (blood in the urine) or is unusually frothy.
- 4.2 The presence of a urinary catheter predisposes the Client to infection so regular assessment may be required. The presence of kidney or liver disease may also require regular assessment.

## 5. Consent

- 5.1 Please read Acacium Group policy on consent thoroughly and ensure valid consent has been gained.
- 5.2 **Please now ensure you understand the Consent Policy and Mental Capacity Act in full.**

## 6. Client and relatives/Carers involvement

- 6.1 The Client and or family or Carers should be supported to undertake this procedure if required.

## 7. Client information

- 7.1 As part of obtaining valid consent the risks, benefits and alternatives to treatment will have been discussed.
- 7.2 The procedure must be explained fully in order to gain full cooperation.

## 8. Additional information

- 8.1 Store reagent sticks (urine dip sticks) in accordance with manufacturer's instructions. This is usually a dry and dark place.

## 9. Equipment

- Urinalysis reagent strips
- Appropriate PPE as per current guidelines
- Urine
- Care record for documentation

## 10. Procedure

	Action	Rationale
1	Explain and discuss the procedure with the Client.	To ensure the Client understands the procedure and gives his/her valid consent (NMC 2006; NMC 2008;NMC 2018).
2	Wash and dry hands And apply PPE.	To maintain infection control and prevent cross infection (DOH 2022).
3	Obtain clean specimen of urine from Client.	Urine that has been stored deteriorates rapidly and can give false results.
4	Dip the reagent strip in the urine. The strip should be completely immersed in the urine and then removed immediately.  Run edge of strip along the container in which you collected the specimen. This will prevent mix of chemicals from adjacent reagent areas ).	To remove excess urine.
5	Hold the stick at an angle.	Urine reagent strips should not be held upright when reading them because urine may run from square to square, mixing various reagents.
6	Wait the required time interval before reading the strip against the colour chart.  Then discard strip in the clinical waste, urine to be disposed in toilet.	The strips must be read exactly the time interval specified, or the reagents will not have time to react, or may be inaccurate (r.
7	Remove and dispose of PPE and wash and dry hands.	To reduce the risk of cross infection.
8	Document findings in the care record and where applicable, follow the escalation plan as noted in the care plan.	Any adverse or abnormal findings should be reported to the GP as soon as possible so that appropriate and timely medical care may be given.

## 11. Associated Policies / SOPs

### Policies

CLIN 04 Urinary Catheterisation Policy  
CLIN 07 Infection prevention and Control Policy  
CLIN 06 Consent Policy  
CLIN 14 Health Records Management Policy

### SOPs

SOP CATH 01 Urethral Catheterisation (Male & Female)  
SOP CATH 02 Suprapubic Re-catheterisation (Male & Female)  
SOP CATH 03 Guidance for Care of Clients Catheterised for Retention of Urine  
SOP CATH 04 Catheter Management for urinary catheters that block, bypass or are expelled with balloon intact  
SOP CATH 05 Intermittent Self-Catheterisation  
SOP CATH 06 Urinary Catheter Removal  
SOP CATH 07 Urinary Catheter Bag Emptying  
SOP CATH 08 Bladder Washouts  
SOP CATH 09 Urinalysis  
SOP CATH 10 Collection of a Catheter Urine Specimen  
SOP CATH 11 Penile Sheath Application  
SOP CATH 12 Attaching and Detaching a Night Bag  
SOP CATH 13 Mitrofanoff Management

## 12. References

- Department of Health. (2022). Infection prevention and control: resource for adult social care. [Online]. 31st March 2022. Available at: <https://www.gov.uk/government/publications/infection-prevention-and-control-in-adult-social-care-set> [Accessed 9 November 2022].
- The Royal Marsden Manual of Clinical Nursing Procedures. 10th ed. London: Wiley-Blackwell.
- Nursing and Midwifery Council (2018) The code: professional standards of practice and behaviour for nurses, midwives and nursing associates. Available at: <https://www.nmc.org.uk/standards/code/> (Accessed: 9<sup>th</sup> November 2022)

## Appendix A: About Acacium Group

Acacium Group consists of a number of trading companies, each providing services within core niche areas of the health and social care industries. Therefore, as this document is a Group Policy, the Policy herein applies to all trading companies detailed below:

 Part of Acacium Group	 Part of Acacium Group
 Part of Acacium Group	 Part of Acacium Group