

Testicular torsion study: Organisational questionnaire

A. Introduction

What is this study about?

The aim of this study is to review the complete pathway and quality of care provided to children and young people 2 – 24 years of age who present to hospital with testicular torsion.

Inclusions

All acute hospital providers to which patients aged between 2 and 24 years with testicular torsion might be admitted.

Who should complete this questionnaire?

This questionnaire has been designed to collect data on the organisational structures surrounding the care provided to patients with testicular torsion.

One questionnaire should be completed for each hospital within a Trust/Health board where patients with testicular torsion might be admitted.

It should be completed by or with input from clinicians(s) who provide care to this group of patients. This is likely to include, but not limited to the paediatric surgeons, general surgeons and urologists.

Questions or help

If you have any queries about this study or this questionnaire, please contact: testiculartorsion@ncepod.org.uk or telephone 020 7251 9060.

CPD accreditation

Consultants who complete NCEPOD questionnaires make a valuable contribution to the investigation of patient care. Completion of questionnaires also provides an opportunity for consultants to review their clinical management and undertake a period of personal reflection. These activities have a continuing medical and professional development value for individual consultants. Consequently, NCEPOD recommends that consultants who complete NCEPOD questionnaires keep a record of this activity which can be included as evidence of internal/self-directed Continuous Professional Development in their appraisal portfolio.

About NCEPOD

The National Confidential Enquiry into Patient Outcome and Death (NCEPOD) reviews healthcare practice by undertaking confidential studies, and makes recommendations to improve the quality of the delivery of care, for healthcare professionals and policymakers to implement. Data to inform the studies are collected from NHS hospitals and Independent sector hospitals across England, Wales, Northern Ireland and the Offshore Islands. NCEPOD are supported by a wide range of bodies and the Steering Group consists of members from the Medical Royal Colleges and Specialist Associations, as well as observers from The Coroners Society of England and Wales, and the Healthcare Quality Improvement Partnership (HQIP).

Impact of NCEPOD

Recommendations from NCEPOD reports have had an impact on many areas of healthcare including:
Development of the NICE 'Acutely ill patients in hospital guideline' (CG50) – 'An Acute Problem' (2005).
Appointment of a National Clinical Director for Trauma Care – 'Trauma: Who Cares?' (2007).
Development of NICE Clinical Guidelines for Acute Kidney Injury, published 2013 – 'Adding Insult to Injury' (2009).
Development of ICS Standards for the care of adult patients with a temporary Tracheostomy, published 2014 – 'On the right trach?' (2014).
Development of guidelines from the British Society of Gastroenterology: diagnosis and management of acute lower gastrointestinal bleeding, published 2019 – 'Time to Get Control' (2015).

This study was commissioned by The Healthcare Quality Improvement Partnership (HQIP) as part of the Clinical Outcome Review Programme into Child Health

B. Organisation details

1. What is the population of the catchment area of this hospital?

Unknown

2a. Does this organisation provide: (Please tick all that apply)

Paediatric services Adolescent services Adult services Unknown

2b. If answered "Paediatric services" to [2a] then:

If paediatric services, how many paediatric inpatient beds does this hospital have?

 beds

Unknown

2c. If answered "Adolescent services" to [2a] then:

If adolescent services, how many adolescent inpatient beds does this hospital have?

 beds

Unknown

2d. If answered "Adult services" to [2a] then:

If adult services, how many adult inpatient beds does this hospital have?

 beds

Unknown

3a. Which of the following departments are available in this hospital? (Please tick all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Paediatric emergency department | <input type="checkbox"/> Paediatric surgery department |
| <input type="checkbox"/> Paediatric urology department | <input type="checkbox"/> Adult emergency department |
| <input type="checkbox"/> Adult surgery department | <input type="checkbox"/> Adult urology department |
| <input type="checkbox"/> None of these departments | <input type="checkbox"/> Unknown |

3b. If answered "Paediatric emergency department" to [3a] then:

If YES to paediatric emergency department, when is this available?

- 24/7
 Normal working hours (e.g., 8am - 6pm) 7 days/week
 Normal working hours (e.g., 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

3c. If answered "Paediatric surgery department" to [3a] then:

If YES to paediatric surgery department, when is this available?

- 24/7
 Normal working hours (e.g., 8am - 6pm) 7 days/week
 Normal working hours (e.g., 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

3d. If answered "Paediatric urology department" to [3a] then:

If YES to paediatric urology department, when is this available?

- 24/7
 Normal working hours (e.g., 8am - 6pm) 7 days/week
 Normal working hours (e.g., 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

**3e. If answered "Adult emergency department" to [3a] then:
If YES to adult emergency department, when is this available?**

- 24/7
- Normal working hours (e.g., 8am - 6pm) 7 days/week
- Normal working hours (e.g., 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

**3f. If answered "Adult surgery department" to [3a] then:
If YES to adult surgery department, when is this available?**

- 24/7
- Normal working hours (e.g., 8am - 6pm) 7 days/week
- Normal working hours (e.g., 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

**3g. If answered "Adult urology department" to [3a] then:
If YES to adult urology department, when is this available?**

- 24/7
- Normal working hours (e.g., 8am - 6pm) 7 days/week
- Normal working hours (e.g., 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

4a. Are children and young people with suspected torsion operated on in this hospital?

- Yes No Unknown

**4b. If answered "No" to [4a] then:
If NO, please give further information on what happens if a patient with suspected torsion presents to this hospital**

Please save the questionnaire as you complete this section

Children/Adolescents

1a. Is there a specific protocol for the management of testicular pain in children/adolescents?

- Yes No Unknown

If YES

**1b. If answered "Yes" to [1a] then:
What age does this protocol cover up to?**

years Unknown

**1c. If answered "Yes" to [1a] then:
Is the protocol available in the emergency department?**

- Yes
 No
 Unknown
 Not applicable - no paediatric emergency department

**1d. If answered "Yes" to [1a] then:
What format is the protocol available in? (Please tick all that apply)**

- Paper Electronic Unknown

Please specify any additional options here...

**1e. If answered "Yes" to [1a] then:
Does the protocol state: (Please tick all that apply)**

- The use of a specific clinical risk score for all patients with suspected testicular torsion?
 That doppler ultrasound is routinely requested in patients with suspected testicular torsion?
 That patients who present with suspected testicular torsion are routinely fasted to allow rapid access t
 Which grade of surgeon is responsible for making the decision to operate?
 Which grade of surgeon undertakes the operation?
 Which specialty of surgeon undertakes the operation?
 That access to operating theatres is an emergency for patients with testicular torsion?
 What to do if no emergency operating theatre is available?
 Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?
 The time at which a follow-up appointment is offered?"
 None of the above

**1f. If answered "Yes" to [1a] and "The use of a specific clinical risk score for all patients with suspected testicular torsion?" to [1e] then:
What score is used?**

- TWIST score Unknown

If not listed above, please specify here...

1g. If answered "Yes" to [1a] and "Which grade of surgeon is responsible for making the decision to operate?" to [1e] then:

If the grade of surgeon making the decision to operate is stated, please specify the grade:

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

1h. If answered "Yes" to [1a] and "Which grade of surgeon undertakes the operation?" to [1e] then:

If the grade of surgeon operating is stated, please specify the grade:

- Consultant Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

1i. If answered "Yes" to [1a] and "Which specialty of surgeon undertakes the operation?" to [1e] then:

If the specialty of surgeon operating is stated, please specify the specialty:

- General surgery Urology Paediatric surgery Unknown

If not listed above, please specify here...

1j. If answered "Yes" to [1a] and "That access to operating theatres is an emergency for patients with testicular torsion?" to [1e] then:

Please give further details regarding access to operating theatres as an emergency for testicular torsion:

**1k. If answered "Yes" to [1a] and "What to do if no emergency operating theatre is available?" to [1e] then:
If the protocol states what to do if no emergency operating theatre is available, please give further details:**

**1l. If answered "Yes" to [1a] and "Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?" to [1e] then:
If the protocol states transfer arrangements, which grade of staff has the responsibility for the transfer?**

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

**1m. If answered "Yes" to [1a] and "Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?" to [1e] then:
If the protocol states transfer arrangements, please give any further details:**

**1n. If answered "Yes" to [1a] and "The time at which a follow-up appointment is offered?" to [1e] then:
If the protocol states the time at which a follow-up appointment is offered, when does this occur?**

- Within 6-months of the operation Unknown

If not listed above, please specify here...

If NO (there is no protocol for the management of testicular pain in children/adolescents), are parts of the testicular torsion pathway covered in any other protocols?

2a. If answered "No" to [1a] then:

Is there any protocol which states the use of a clinical risk score for all children/adolescents with suspected testicular torsion?

- Yes No Unknown

2b. If answered "No" to [1a] and "Yes" to [2a] then:

If YES, what score is used?

- TWIST score Unknown

If not listed above, please specify here...

3. If answered "No" to [1a] then:

Is there any protocol which states that doppler ultrasound is routinely requested in children/adolescents with suspected testicular torsion?

- Yes No Unknown

4. If answered "No" to [1a] then:

Is there any protocol which states that children/adolescents who present with suspected testicular torsion are routinely fasted to allow rapid access to surgery?

- Yes No Unknown

5a. If answered "No" to [1a] then:

Is there any protocol which states who is responsible for making the decision to operate on children/adolescents with suspected torsion?

- Yes No Unknown

5b. If answered "No" to [1a] and "Yes" to [5a] then:

If YES, please specify the grade:

- Consultant
 Staff grade/Associate specialist
 Trainee with CCT
 Senior specialist trainee (ST3+ or equivalent)
 Junior specialist trainee (ST1& ST2 or CT equivalent)
 Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
 Senior staff nurse, enrolled nurse
 Unknown

If not listed above, please specify here...

6a. If answered "No" to [1a] then:

Is there any protocol which states which grade of surgeon undertakes the operation on children/adolescents with suspected torsion?

- Yes No Unknown

**6b. If answered "No" to [1a] and "Yes" to [6a] then:
If YES, please specify the grade:**

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

**7a. If answered "No" to [1a] then:
Is there any protocol which states which specialty of surgeon undertakes the operation on children/adolescents with suspected torsion?**

- Yes No Unknown

**7b. If answered "No" to [1a] and "Yes" to [7a] then:
If YES, please specify the specialty:**

- General surgery Urology Paediatric surgery Unknown

If not listed above, please specify here...

**8a. If answered "No" to [1a] then:
Is there any protocol which states that access to operating theatres is an emergency for children/adolescents with suspected testicular torsion?**

- Yes No Unknown

**8b. If answered "No" to [1a] and "Yes" to [8a] then:
If YES, please give further details:**

**9a. If answered "No" to [1a] then:
Is there any protocol which states what to do if no emergency operating theatre is available for children/adolescents with suspected testicular torsion?**

- Yes No Unknown

**9b. If answered "No" to [1a] and "Yes" to [9a] then:
If YES, please give further details:**

**10a. If answered "No" to [1a] then:
Is there any protocol which specifies transfer arrangements for children/adolescents with suspected torsion should a theatre or suitably qualified surgeon or anaesthetist not be present?**

- Yes No Unknown

**10b. If answered "No" to [1a] and "Yes" to [10a] then:
If YES, which grade of staff has the responsibility for the transfer?**

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

**10c. If answered "No" to [1a] and "Yes" to [10a] then:
If YES, please give further details:**

**11a. If answered "No" to [1a] then:
Is there a protocol which states the time at which a follow-up appointment is offered for children/adolescents with testicular torsion?**

- Yes No Unknown

**11b. If answered "No" to [1a] and "Yes" to [11a] then:
If YES, when does this occur?**

- Within 6-months of the operation Unknown

If not listed above, please specify here...

Adults

12a. Is there a specific protocol for the management of testicular pain in adults?

- Yes No Unknown

If YES

**12b. If answered "Yes" to [12a] then:
What age does this protocol cover from?**

years Unknown

**12c. If answered "Yes" to [12a] then:
Adult Is the protocol available in the emergency department?**

- Yes No
 Unknown
 No applicable - no adult emergency department

**12d. If answered "Yes" to [12a] then:
What format is the protocol available in? (Please tick all that apply)**

- Paper Electronic Unknown

Please specify any additional options here...

**12e. If answered "Yes" to [12a] then:
Does the protocol state: (Please tick all that apply)**

- The use of a specific clinical risk score for all patients with suspected testicular torsion?
- That doppler ultrasound is routinely requested in patients with suspected testicular torsion?
- That patients who present with suspected testicular torsion are routinely fasted to allow rapid access to the operating theatre?
- Which grade of surgeon is responsible for making the decision to operate?
- Which grade of surgeon undertakes the operation?
- Which specialty of surgeon undertakes the operation?
- That access to operating theatres is an emergency for patients with testicular torsion?
- What to do if no emergency operating theatre is available?
- Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?
- The time at which a follow-up appointment is offered?
- None of the above

**12f. If answered "Yes" to [12a] and "The use of a specific clinical risk score for all patients with suspected testicular torsion?" to [12e] then:
What score is used?**

- TWIST score Unknown

If not listed above, please specify here...

12g. If answered "Yes" to [12a] and "Which grade of surgeon is responsible for making the decision to operate?" to [12e] then:

If the grade of surgeon making the decision to operate is stated, please specify the grade:

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

12h. If answered "Yes" to [12a] and "Which grade of surgeon undertakes the operation?" to [12e] then:

If the grade of surgeon operating is stated, please specify the grade:

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

12i. If answered "Yes" to [12a] and "Which specialty of surgeon undertakes the operation?" to [12e] then:

If the specialty of surgeon operating is stated, please specify the specialty:

- General surgery Urology Paediatric surgery Unknown

If not listed above, please specify here...

12j. If answered "Yes" to [12a] and "That access to operating theatres is an emergency for patients with testicular torsion?" to [12e] then:

Please give further details regarding access to operating theatres as an emergency for testicular torsion:

12k. If answered "Yes" to [12a] and "What to do if no emergency operating theatre is available?" to [12e] then:

If the protocol states what to do if no emergency operating theatre is available, please give further details:

**12l. If answered "Yes" to [12a] and "Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?" to [12e] then:
If the protocol states transfer arrangements, which grade of staff has the responsibility for the transfer?**

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

**12m. If answered "Yes" to [12a] and "Transfer arrangements should a theatre or suitably qualified surgeon or anaesthetist not be present?" to [12e] then:
If the protocol states transfer arrangements, please give any further details:**

**12n. If answered "Yes" to [12a] and "The time at which a follow-up appointment is offered?" to [12e] then:
If the protocol states the time at which a follow-up appointment is offered, when does this occur?**

- Within 6-months of the operation Unknown

If not listed above, please specify here...

If NO (there is no protocol for the management of testicular pain in adults), are parts of the testicular torsion pathway covered in any other protocols?

13a.If answered "No" to [12a] then:

Is there any protocol which states the use of a clinical risk score for all adults with suspected testicular torsion?

- Yes No Unknown

13b.If answered "No" to [12a] and "Yes" to [13a] then:

If YES, what score is used?

- TWIST score Unknown

14. If answered "No" to [12a] then:

Is there any protocol which states that doppler ultrasound is routinely requested in adults with suspected testicular torsion?

- Yes No Unknown

15. If answered "No" to [12a] then:

Is there any protocol which states that adults who present with suspected testicular torsion are routinely fasted to allow rapid access to surgery?

- Yes No Unknown

16a.If answered "No" to [12a] then:

Is there any protocol which states who is responsible for making the decision to operate on adults with suspected torsion?

- Yes No Unknown

16b.If answered "No" to [12a] and "Yes" to [16a] then:

If YES, please specify the grade:

- Consultant
 Staff grade/Associate specialist
 Trainee with CCT
 Senior specialist trainee (ST3+ or equivalent)
 Junior specialist trainee (ST1& ST2 or CT equivalent)
 Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
 Senior staff nurse, enrolled nurse
 Unknown

If not listed above, please specify here...

17a.If answered "No" to [12a] then:

Is there any protocol which states which grade of surgeon undertakes the operation on adults with suspected torsion?

- Yes No Unknown

17b.If answered "No" to [12a] and "Yes" to [17a] then:

If YES, please specify the grade:

- Consultant
 Staff grade/Associate specialist
 Trainee with CCT
 Senior specialist trainee (ST3+ or equivalent)
 Junior specialist trainee (ST1& ST2 or CT equivalent)
 Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
 Senior staff nurse, enrolled nurse
 Unknown

If not listed above, please specify here...

18a.If answered "No" to [12a] then:

Is there any protocol which states which specialty of surgeon undertakes the operation on adults with suspected torsion?

- Yes No Unknown

18b.If answered "No" to [12a] and "Yes" to [18a] then:

If YES, please specify the specialty:

- General surgery Urology Unknown

If not listed above, please specify here...

19a.If answered "No" to [12a] then:

Is there any protocol which states that access to operating theatres is an emergency for adults with suspected testicular torsion?

- Yes No Unknown

19b.If answered "No" to [12a] and "Yes" to [19a] then:

If YES, please give further details:

20a.If answered "No" to [12a] then:

Is there any protocol which states what to do if no emergency operating theatre is available for adults with suspected testicular torsion?

- Yes No Unknown

20b.If answered "No" to [12a] and "Yes" to [20a] then:

If YES, please give further details:

21a.If answered "No" to [12a] then:

Is there any protocol which specifies transfer arrangements for adults with suspected torsion should a theatre or suitably qualified surgeon or anaesthetist not be present?

- Yes No Unknown

21b.If answered "No" to [12a] and "Yes" to [21a] then:

If YES, which grade of staff has the responsibility for the transfer?

- Consultant
- Staff grade/Associate specialist
- Trainee with CCT
- Senior specialist trainee (ST3+ or equivalent)
- Junior specialist trainee (ST1& ST2 or CT equivalent)
- Specialist nurse (Nurse consultant, Nurse practitioner, Clinical nurse specialist)
- Senior staff nurse, enrolled nurse
- Unknown

If not listed above, please specify here...

21c.If answered "No" to [12a] and "Yes" to [21a] then:

If YES, please give further details:

22a.If answered "No" to [12a] then:

Is there a protocol which states the time at which a follow-up appointment is offered for adults with testicular torsion?

- Yes No Unknown

22b.If answered "No" to [12a] and "Yes" to [22a] then:

If YES, when does this occur?

- Within 6-months of the operation Unknown

If not listed above, please specify here...

1a. Does this organisation have access to doppler ultrasound for testicular perfusion?

- Yes No Unknown

**1b. If answered "Yes" to [1a] then:
If YES, when is this service available?**

- 24/7
 Normal working hours (e.g. 8am - 6pm) 7 days/week
 Normal working hours (e.g. 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

**1c. If answered "Yes" to [1a] then:
Is this routinely performed by a radiologist**

- Yes No Unknown

**1d. If answered "Yes" to [1a] then:
If YES, is this used for:**

- All patients Some patients Unknown

If not listed above, please specify here...

**1e. If answered "Yes" to [1a] and "Some patients" to [1d] then:
If SOME PATIENTS, please give further details**

2a. What are the arrangements for urgent in-hours paediatric cover?

- Paediatric consultant/registrar on-site 24/7 On-call paediatric consultant/registrar
 Telephone advice only No arrangement
 Unknown

If not listed above, please specify here...

2b. What are the arrangements for urgent out-of-hours paediatric cover?

- Paediatric consultant/registrar on-site 24/7 On-call paediatric consultant/registrar
 Telephone advice only No arrangement
 Unknown

If not listed above, please specify here...

3a. Which of the following specialties does this hospital have? (Please tick all that apply)

- | | |
|---|--|
| <input type="checkbox"/> General adult surgeon | <input type="checkbox"/> Specialist adult urologist |
| <input type="checkbox"/> General paediatric surgeon | <input type="checkbox"/> Specialist paediatric urologist |
| <input type="checkbox"/> Specialist paediatric anaesthetist | <input type="checkbox"/> None |
| <input type="checkbox"/> Unknown | |

Please specify any additional options here...

General adult surgeon

**3b. If answered "General adult surgeon" to [3a] then:
When are they available?**

- 24/7
 Normal working hours (e.g. 8am - 6pm) 7 days/week
 Normal working hours (e.g. 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

**3c. If answered "General adult surgeon" to [3a] then:
In general from what age of child would they operate?**

 years Unknown

Specialist adult urologist

**3d. If answered "Specialist adult urologist" to [3a] then:
When are they available?**

- 24/7
 Normal working hours (e.g. 8am - 6pm) 7 days/week
 Normal working hours (e.g. 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

**3e. If answered "Specialist adult urologist" to [3a] then:
In general from what age of child would they operate?**

 years Unknown

General paediatric surgeon

**3f. If answered "General paediatric surgeon" to [3a] then:
When are they available?**

- 24/7
 Normal working hours (e.g. 8am - 6pm) 7 days/week
 Normal working hours (e.g. 8am - 6pm) Mon-Fri
 Unknown

If not listed above, please specify here...

**3g. If answered "General paediatric surgeon" to [3a] then:
In general from what age of child would they operate?**

 years Unknown

Specialist paediatric urologist

**3h. If answered "Specialist paediatric urologist" to [3a] then:
When are they available?**

- 24/7
- Normal working hours (e.g. 8am - 6pm) 7 days/week
- Normal working hours (e.g. 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

**3i. If answered "Specialist paediatric urologist" to [3a] then:
In general from what age of child would they operate?**

 years Unknown

Specialist paediatric anaesthetist

**3j. If answered "Specialist paediatric anaesthetist" to [3a] then:
When are they available?**

- 24/7
- Normal working hours (e.g. 8am - 6pm) 7 days/week
- Normal working hours (e.g. 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

**3k. If answered "Specialist paediatric anaesthetist" to [3a] then:
In general from what age of child would they anaesthetise?**

 years Unknown

4a. Does this organisation have the capacity to open a staffed second emergency operating theatre if a patient with testicular torsion presents and the main emergency operating theatre is busy?

- Yes No Unknown

**4b. If answered "Yes" to [4a] then:
If YES, is this available:**

- 24/7
- Normal working hours (e.g. 8am - 6pm) 7 days/week
- Normal working hours (e.g. 8am - 6pm) Mon-Fri
- Unknown

If not listed above, please specify here...

E. Network arrangements

1a. Is this organisation a member of a network of care for emergency surgery?

- Yes No Unknown

1b. If answered "Yes" to [1a] then:

If YES, does this cover (Please tick all that apply)

- Paediatrics Adolescents Adults Unknown

2a. Are patients with suspected testicular torsion ever transferred out of this hospital for treatment?

- Yes No Unknown

2b. If answered "Yes" to [2a] then:

If YES, is this: (Please tick all that apply)

- Paediatrics Adolescents Adults Unknown

2c. If answered "Yes" to [2a] and "Paediatrics" to [2b] then:

If paediatrics, please specify the age range of patients transferred for treatment:

2d. If answered "Yes" to [2a] then:

Please give any further details regarding transfer out of this hospital for treatment

1a. Is training provided to emergency department staff in the recognition of testicular torsion?

Yes

No

Unknown

1b. Please give any further details about the training provided:

G. Information for patients and parent carers

1a. Does this organisation have information for patients and parent carers who have had a testicular torsion?

Yes

No

Unknown

1b. If answered "Yes" to [1a] then:

If YES, does this include information on: (Please tick all that apply)

Fertility

Implants

Psychological support

None

Unknown

Please specify any additional options here...

H. Follow up arrangements

1a. Does this organisation have a system for the follow up of patients with testicular torsion?

- Yes No Unknown

1b. If answered "Yes" to [1a] then:

If YES, do these follow up arrangements include providing information on: (Please tick all that apply)

- Fertility Implants Development None
 Unknown

Please specify any additional options here...

1c. If answered "Yes" to [1a] then:

If YES, is referral to local psychology services routinely discussed?

- Yes No Unknown

1a. Have there been any serious untoward incidents related to testicular torsion in this organisation in the last two years?

- Yes No Unknown

**1b. If answered "Yes" to [1a] then:
If YES, please give details:**

2a. Has there been an audit of patients diagnosed with testicular torsion in the last 5 years?

- Yes No Unknown

**2b. If answered "Yes" to [2a] then:
If YES, did it include the collection of data on: (Please tick all that apply)**

- | | |
|---|--|
| <input type="checkbox"/> The transfer of patients | <input type="checkbox"/> The time from presentation to operation |
| <input type="checkbox"/> The outcome of the admission/procedure | <input type="checkbox"/> Unknown |

Please specify any additional options here...

**2c. If answered "No" to [2a] then:
If NO to 1a, why not?**

3a. Does Emergency Department induction include training on what to do for patients with suspected testicular torsion?

- Yes No Unknown

**3b. If answered "No" to [3a] then:
If NO to 1a, why not?**

1. Please use this space should you wish to provide further details on any of the answers you have provided (please include the question number)

2. Please use this space to provide any details of how the COVID-19 pandemic has affected the current service provision for patients admitted with testicular torsion.

THANK YOU FOR TAKING THE TIME TO COMPLETE THIS QUESTIONNAIRE

By doing so you have contributed to the dataset that will form the report and recommendations due for release in early 2024