# Data extraction & quality standard forms

## **Reviewer Checklists**

#### **Accidental Injury**

Study First Author:					ID no:	
Name of Reviewer:						
Please read the paper comple	tely through before co	ompleting this ch	necklist.			
A: Study relevance						
1. What is the paper about? (Please tick as many as apply)	a) A primary study reporting on physical signs of accidental ano-genital injuries (including burns/scalds) in children (0-18 yrs)				YES	NO
	b) A primary study reporting physical signs of abusive anogenital thermal injuries in children (0-18 yrs)					
		•				
	c) A primary study in relation to the outcome of <b>healing of</b> accidental/abusive anogenital injuries (including thermal) in children (0-18 yrs)					
	d) A primary study reporting <b>pre-pubertal</b> vaginal bleeding					
	If you have answered NO to all of the above, please move on to section F.					
					<b>'</b>	
B. Study group						
2. Which topic or anatomical area does this paper address?	Female genital			Thermal i (abusive and accidental)	-	
(Tick as many as apply )	☐ Male genital	Pre-puberta		Healing		
				Other inju	uries	
3. What physical signs are described?	Genital erythema,	 /redness/		/perianal erytl /perianal bruis	hema	
(Please list them all)	☐ Oedema			fissures, lacer	-	cars.
	Genital bruising		tags			· · · · · ,
	☐ Genital abrasions			bleeding		
	Genital laceration	s/tears `		tal burns		
	Penile injuries		_	ieal burns		
	Scrotal injuries  Vaginal bleeding	in prepubertal	=	r anogenital b ng/healed ge		rios
		iii bi ebabei (ai		ng/nealed ge	mtai irijui	103

	girls			tterns of injuries	
	$ \; \square$ % with abnormaliti	es/ normal	(abusive/ accidental)		
	exam		_		
			☐ Other		
4. Age range covered					
C. Trus of Albura and account	:L£				
C. Type of Abuse and secur					
5. Please tick which best	☐ Not applicable to	paper	<b>—</b>	ated but criteria not	
describes how the			given(4)		
diagnosis of CSA was	CSA confirmed at		·   =	uspected (5)	
confirmed in the study.	civil or criminal court				
	admitted by perpetra	ator (I)	<del></del>	confidently include this	
A				t it has some merits	
	CSA confirmed by		(7)		
	including multidiscip	linary assessmer	nt		
	(2)				
	CSA defined by st	tated criteria (3)			
	1 6 1:				
D. Type of Accidental Injury					
6. Please tick which best	☐ Not applicable to	paper	1	nation of accident	
describes how the		<b>- :</b>		consistent; no attempt to exclude CSA (3)	
diagnosis of Accidental	Accidental cause	-	exclude C	.SA (3)	
Injury (including	consistent witness ex	•			
burns/scalds) was	actively excluded through forensic			ental cause merely	
confirmed in the study.	examination and multiagency		stated (4)	)	
	assessment (1)				
		-:	_		
	Explanation of ac		1		
	(does not vary on re	= '			
	actively excluded by	forensic exam			
	(2a)				
	□ A soldental sauss	aanfirmad by			
	Accidental cause	•			
	consistent description	•	h a		
	the event, where the		ne		
	explanation given (2	U)			
E Study Type and Quality (a	adanted from CASD ch	ecklists)			
7. Please identify the type of	· · · · · · · · · · · · · · · · · · ·	Cohort / lo	ngitudinal	Case Report	
reports	study the paper	study	igitadinai	Other (please	
reports		Case-contro	al study	state):	
		Cross-section	=	State). 	
		A case serie	-		
		☐ A case serie			
Screening questions					
8. Did the study address a cle	early focussed	☐ YES ☐ 1	NO 🗌 Can't	tell	
question?					

9. Is the study design appropriate to the stated	☐ YES ☐ NO ☐ Can't tell		
aims?	Comments:		
Selection of subjects, assessment and			
confounding			
10. Were the study participants recruited in an	☐ YES ☐ NO ☐ Can't tell		
acceptable way?			
11. Are cases and controls clearly differentiated?	☐ YES ☐ NO ☐ Can't tell ☐ Not Applicable		
12. Has Accidental Injury been adequately	YES NO Can't tell Not Applicable		
excluded from the control group?			
13. Was Accidental Injury accurately measured to	YES NO Can't tell Not Applicable		
minimise bias?			
14. Was the physical sign accurately measured to	YES NO Can't tell Not Applicable		
minimise bias?			
15. Were the main potential confounders	YES NO Can't tell Not Applicable		
identified and taken into account adequately in			
the design and analysis?			
16. Was the follow-up of subjects complete and	☐ YES ☐ NO ☐ Can't tell ☐ Not Applicable		
long enough?			
Results			
17. Do you think the conclusions of the paper have	YES NO Can't tell		
been drawn directly from the results?			
18. Can the results be applied in the UK?	YES NO Can't tell		
F: Your overall assessment			
Based on your reading of the paper and answers	☐ PAPER SHOULD BE INCLUDED		
to the above questionnaires please tick the			
to the above questionnance prease tiek the			
appropriate box	☐ PAPER SHOULD BE EXCLUDED		
appropriate box.	☐ PAPER SHOULD BE EXCLUDED		
appropriate box.			
appropriate box.	☐ I CANNOT CONFIDENTLY INCLUDE THIS		
appropriate box.	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds		
appropriate box.	☐ I CANNOT CONFIDENTLY INCLUDE THIS		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed		
appropriate box.  If EXCLUDE please give reasons	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed ☐ Does not meet inclusion criteria in question 1		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2)		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5)		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5) ☐ No confidence in diagnosis of Accidental Injury		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5) ☐ No confidence in diagnosis of Accidental Injury (i.e. ticked option 4 in Q.6)		
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5) ☐ No confidence in diagnosis of Accidental Injury (i.e. ticked option 4 in Q.6) ☐ Other reason - Please state:		
If EXCLUDE please give reasons	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5) ☐ No confidence in diagnosis of Accidental Injury (i.e. ticked option 4 in Q.6) ☐ Other reason - Please state:		
If EXCLUDE please give reasons  COMMENTS (relating particularly to the benefits	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed  ☐ Does not meet inclusion criteria in question 1 ☐ Does not address one of the anatomical/ topic areas (Q.2) ☐ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in Q.5) ☐ No confidence in diagnosis of Accidental Injury (i.e. ticked option 4 in Q.6) ☐ Other reason - Please state:		

#### **CSA Update**

Study First Author:			ID no:	
Name of Reviewer:				
	tely through before completing this ch	ecklist.		
A: Study relevance				
1. What is the paper about?	a) A primary study reporting physical signs or STI in CSA with data on children (0-18 yrs)			
apply)	b) A primary study addressing the di CSA with data on children (0-18 yrs)	agnosis or exclusion o	of	
	c) A primary study in relation to the outcome of healing of acute injuries related to CSA with data on children (0-18 yrs)			
	If you have answered NO to <u>a, b and c</u> , please answer question 2 and then continue from section E.			
2. Does the paper include	a) Purely addresses findings in a norm			
any of the following:	have not been abused?			
B. Study group				
3. Which topic or anatomical area does this paper address? (Tick as many as apply)	☐ Female genital ☐ Oral ☐ Male genital ☐ Anal			
4. What physical signs are described? (Please list them all)	Genital erythema/redness/ inflammation Odema Genital bruising Genital abrasions Genital lacerations/tears Healing/healed genital injuries Clefts/notches Hymenal bumps/mounds Size of hymenal orifice Hymenal width Friability Labial fusion Vaginal discharge in prepubertal girls Vaginal foreign bodies	Anal/perianal ery Perianal venous c Anal/perianal bru Anal fissures, lace scars,tags Reflex anal dilatat Genital signs in bo with abnormalit exam	ongestion ising erations, tion bys ties/ normal	
5. Which STI's does the paper report on? (Please list them all)	<ul><li>☐ Hepatitis B</li><li>☐ Hepatitis C</li><li>☐ Gonorrhea</li><li>☐ Chlamydia trachomatis</li></ul>	☐ Trichomonas vagi☐ Bacterial vaginosi☐ Genital mycoplasi☐ Syphilis	is	

	☐ Human papilloma☐ Herpes simplex v			HIV Other (ple	ase state):
6. Age range covered		_			
7. Pubertal status	Pre	Post		Pre and Po	ost
C. Type of Abuse and securi			/		ata al la ut auitavia mat
8. Please tick, which best describes how the	CSA confirmed at civil or criminal cour		=	given (4)	ated but criteria not
diagnosis of CSA was	admitted by perpetr	•	igs or	1	uspected (5)
confirmed in the study.	CSA confirmed by		iteria	Can't t	•
committee in the study.	including multidiscip	-			onfidently include this
	(2)	and y asse	3311131116		t it has some merits
	CSA defined by s	tated crite	ria (3)	(7)	
	•				
D. Study Type and Quality (	<u> </u>	hecklists)			
9. Please identify the type of	study the paper	Cohor	t / Iongitu	udinal	Case Report
reports		study			☐ Other (please
			control st	-	state):
			-sectiona ·	l study	☐ I Can't tell
		│	e series		
Screening questions					
10. Did the study address a cl	early focussed	☐ YES	□ NO	☐ Can't	tell
question?					
11. Is the study design approp	riate to the stated	YES	NO	☐ Can't	tell
aims?		Commen	ts:		
Colontian of subjects access	amont and				
Selection of subjects, assess confounding	sment and				
12. Were the study participan	ts recruited in an	YES	□ NO	☐ Can't t	الم
acceptable way?	ts recruited in an			Carret	CII
13. Are cases and controls cle	arly differentiated?	☐ YES	П по	Can't t	ell Not Applicable
14. Has CSA been adequately		YES	□ NO	Can't t	
control group?					
15. Was CSA accurately meas	ured to minimise	YES	□ NO	☐ Can't t	ell 🗌 Not Applicable
bias?			_	_	
16. Was the physical sign accu	urately measured to	YES	□ NO	☐ Can't t	ell 🗌 Not Applicable
minimise bias?					
17. Were the main potential co	onfounders	YES	☐ NO	Can't t	ell 🗌 Not Applicable
identified and taken into acco	ount adequately in				
the design and analysis?					
18. Was the follow-up of subje	ects complete and	YES	□ NO	☐ Can't t	ell 🗌 Not Applicable
long enough?					

Results	
19. Do you think the conclusions of the paper have been drawn directly from the results?	YES NO Can't tell
20. Can the results be applied in the UK?	YES NO Can't tell
E: Your overall assessment	
Based on your reading of the paper and answers to the above questionnaires please tick the	☐ PAPER SHOULD BE INCLUDED
appropriate box.	☐ PAPER SHOULD BE EXCLUDED
	☐ I CANNOT CONFIDENTLY INCLUDE THIS PAPER but feel that it has some merits and adds value to the question posed
If EXCLUDE please give reasons	<ul> <li>□ Does not meet inclusion criteria in question 1</li> <li>□ No confidence in diagnosis of CSA (i.e. ticked option 5, 6 or 7 in question 8)</li> <li>□ Does not address one of the anatomical topic</li> </ul>
	areas (Qu. 3)
	Other reason - Please state:
COMMENTS (relating particularly to the benefits that you feel is worth making):	and limitations of the study, and any comment

## **Data extraction forms**

#### **Accidental Injury**

First Author:		ID no:
Reviewer's Name		Date:
Please read the pap	per completely through before completing this	s form.
1. Aim of study:		
2. Study population: (Please include number of participants age range, gender and any other relevant information)		
3. Study type:	☐ Cohort study/ longitudinal study ☐ Case-control study ☐ Cross-sectional study ☐ Other (please state)	☐ Case series ☐ Case report ☐ I cannot tell
4. Time frame	Time period in years:	<ul><li>☐ Retrospective</li><li>☐ Prospective</li></ul>
5. Country of origin	☐ UK ☐ USA ☐ Other (please state)	☐ South America ☐ Europe (but not UK)
6. Security of diagnosis for accidental injury	Accidental cause confirmed by consistent witness explanation, CSA actively excluded through forensic examination and multiagency assessment (1)	Explanation of accident consistent; no attempt to exclude CSA (3)
	Explanation of accident consistent (does not vary on retelling) and CSA actively excluded by forensic exam (2a)	☐ Accidental cause merely stated (4)
	Accidental cause confirmed by consistent description by witness to the event, where the injury fits with the explanation given (2b)	☐ Not applicable
	Comments:	

7. Security of diagnosis for CSA	CSA confirmed at case conference/ci or criminal court proceedings or admitte by perpetrator (1)	SA suspected (5)		
	CSA confirmed by stated criteria including multidisciplinary assessment (2	<del></del>	annot tell (6)	
	CSA defined by stated criteria (3)		annot confidently in er but it has some m	
	CSA stated but criteria not given (4)		ot applicable	01163 (7)
	Comments:			
8. Quality Criteria	A) Was any diagnosis made?	☐ Yes	□No	☐ Not applicab le
	If Yes, please describe			
	B(i) Was there evidence that the genitalia had been examined?	☐ Yes	□No	☐ Not applicab le
	If Yes, please describe how (e.g. colposed gynaecologist, paediatrician, ED doctor)		ed eye, EUA) and by	
	B(ii) Was there evidence that the anus had been examined?	☐ Yes	□No	∏ Not applicab le
	If Yes, please describe how (e.g. colpose gynaecologist, paediatrician, ED doctor)		ed eye, EUA) and by	
	C(i) Was there a detailed description of the injury/injuries? If Yes, please describe	☐ Yes	□No	
	C(ii) Was the type of injury/injuries described?	☐ Yes	□No	
	If Yes, please describe			
	C(iii) Was the extent of the injury /injuries described? If Yes, please describe	∐ Yes	∐No	
	C(iv) Was the site of the injury/injuries described? If Yes, please describe	Yes	□No	
	C(v) Was the age of the injury/injuries described?	Yes	□No	
	If Yes, please describe			
	D Was the mechanism of the injury/injuries stated? If Yes, please describe	Yes	□No	
	E) Did the paper specify the timing of the examination in relation to the injury/injuries?  If Yes, please describe	Yes	□No	

	F(i) Was there photographic	Yes	□No	
	documentation of the examination?			
	If Yes, please describe			
	F(ii) Was there video documentation	☐ Yes	☐ No	
	of the examination?			
	If Yes, please describe			
			□ NI a	
	G) Were other checks made to exclude CSA?	☐ Yes	∐ No	
	If Yes, what other checks were made?	Other health	☐ Multi-	
	in res, what other checks were made:	discipline	agency	⊔ Not
	Comment:	contacted	discussion	state
	Comment.	contacted	discussion	d
9. Follow up	Was a follow up examination conducted	2		ч
examination	was a follow up examination conducted	•		
CAUTIITIALIOTT	☐ Yes ☐ No			
	If Yes, state timing of this examination			
	If Yes, please describe this examination			
10. What physical	Boys	Girls		
signs are	☐ No sign(s) described	<u> </u>	described	
described?	Penile erythema/redness		ythema/rednes	SS
(Please tick as	Penile inflammation		flammation	
many boxes as	Penile oedema	☐ Vaginal of		
applicable)	Penile bruising/ haematoma		uising/haemat	oma
	Penile abrasion(s)	☐ Vaginal ak	= '	
	Penile laceration(s)	<u> </u>	ceration(s)	
	Penile tear(s)	☐ Vaginal te		
	Scrotal erythema/redness	☐ Vaginal di		
	Scrotal inflammation	☐ Vaginal bl	-	
	Scrotal oedema	☐ Vaginal di	_	
	Scrotal bruising/ haematoma	I = I	rythema/redne	SS
	Scrotal abrasion(s)		nflammation	
	Scrotal laceration(s)	☐ Perineal o		
	Scrotal tear(s)		ruising/haemat	oma
	Perineal erythema/redness	Perineal al		
	Perineal inflammation		ceration(s)	
	│	☐ Perineal te		
	☐ Perineal bruising/haematoma		nema/redness	
	Perineal abrasion(s)	Anal inflar		
	Perineal laceration(s)	Anal oede	ma	
	Perineal tear(s)	☐ Anal bruis	ing/haematom	а
	Anal erythema/redness	Anal abras	= '	
	Anal inflammation	☐ Anal lacer		
	Ana oedema	Anal tear(	s)	
	Anal bruising/haematoma	Anal bleed	ding	
	Anal abrasion(s)		erythema/redne	ess
	☐ Anal laceration(s)		nflammation	

	Anal tear(s) Anal bleeding Peri-anal erythema/redness Peri-anal inflammation Peri-anal oedema Peri-anal bruising/haematoma Peri-anal abrasion(s) Peri-anal laceration(s) Peri-anal tear(s) Other, please specify	Peri-anal oedema Peri-anal bruising/hae Peri-anal abrasion(s) Peri-anal laceration(s) Peri-anal tear(s) Other, please specify	
11 Main Results (Please include the numerical and statistical results if relevant)			
12. Comments (Please list strengths and potential confounders in the study)			
13. Do you agree that this paper should be included?	Yes No Comments:		
14. Which research	What are the physical signs that are specific accidental anogenital injury in children aged	-	
question(s) does this study address?	Can the signs of accidental anogenital injury injuries (including burns and scalds) caused	_	
(Please tick the one that applies)	What is the natural history of the healing proinjuries?	ocess in anogenital	
	What are the signs of healed anogenital inju	ries?	
	What are the causes of vaginal bleeding in p	ore-pubertal girls?	
15. Reference check (please insert the reference number, if not available please enter the authors and year)	Please identify any references from the pape	er that may be relevant to	the review.

16. Is this paper	☐ Female genital	☐ Male genital	☐ Anal	STIs
relevant to any		□ <b>=</b> 1		
other groups?	☐ Vaginal bleeding	☐ Thermal injury	Healing	
(tick as many as				
apply)				

#### Vaginal Bleeding

First Author:			ID no:
Reviewer's Name:		4	Date:
Please read the pap	er completely through before completing this fo	orm.	
1. Aim of study:			
2. Study population: (Please include number of participants, age range, gender and any other relevant information)			
3. Study type:	☐ Cohort study/ longitudinal study	Case series	
	☐ Case-control study	☐ Case report	
	Cross-sectional study	☐ I cannot tell	
	Other (please state)		
4. Time frame	Time period in years:	☐ Retrospective☐ Prospective	<b>2</b>
5. Country of origin	UK USA Other (please state)	South Americ	
6. Security of diagnosis for accidental injury	Accidental cause confirmed by consistent witness explanation, CSA actively excluded through forensic examination and multiagency assessment (1)	Explanation of consistent; no at CSA (3)	of accident Etempt to exclude
	Explanation of accident consistent (does not vary on retelling) and CSA actively excluded by forensic exam (2a)	Accidental ca	ause merely stated
	Accidental cause confirmed by consistent description by witness to the event, where the injury fits with the explanation given (2b)	☐ Not applicabl	le
7 Coowit	Comments:	□ cc∧	- 4 (5)
7. Security of diagnosis for CSA	☐ CSA confirmed at case conference/civil or criminal court proceedings or admitted by perpetrator (1)	CSA suspecte	ea (5)

including multidisciplinary assessment (2)    CSA defined by stated criteria (3)		CSA confirmed by stated criteria	☐ Canno	ot tell (6)	
CSA stated but criteria not given (4)   paper but it has some merits (7)   CSA stated but criteria not given (4)   Not applicable		including multidisciplinary assessment (2)	)		
CSA stated but criteria not given (4)   paper but it has some merits (7)   CSA stated but criteria not given (4)   Not applicable					
Comments:  8. Quality Criteria  A) Was any diagnosis made?		CSA defined by stated criteria (3)	☐ Canno	t confidently	include this
Comments:  A) Was any diagnosis made?			paper bu	t it has some	merits (7)
8. Quality Criteria   A) Was any diagnosis made?   Yes   No   Applicable		CSA stated but criteria not given (4)	☐ Not ap	oplicable	
8. Quality Criteria   A) Was any diagnosis made?   Yes   No   Applicable					
If Yes, please state the diagnosis  B(i) Was there evidence that the					
If Yes, please state the diagnosis   B(i) Was there evidence that the	8. Quality Criteria	A) Was any diagnosis made?	☐ Yes	☐ No	_
B(i) Was there evidence that the genitalia had been examined?  If Yes, please describe how (e.g. colposcope, naked eye, EUA) and by whom (e.g. gynaecologist, paediatrician, ED doctor)  B(ii) Was there evidence that the anus					applicable
genitalia had been examined?  If Yes, please describe how (e.g. colposcope, naked eye, EUA) and by whom (e.g. gynaecologist, paediatrician, ED doctor)  B(ii) Was there evidence that the anus					
If Yes, please describe how (e.g. colposcope, naked eye, EUA) and by whom (e.g. gynaecologist, paediatrician, ED doctor)  B(ii) Was there evidence that the anus			∐ Yes	∐ No	<del></del>
gynaecologist, paediatrician, ED doctor)  B(ii) Was there evidence that the anus					
B(ii) Was there evidence that the anus			pe, naked eye,	EUA) and by	y whom (e.g.
had been examined?  If Yes, please describe how (e.g. colposcope, naked eye, EUA) and by whom (e.g. gynaecologist, paediatrician, ED doctor)  C i) Was the cause of vaginal bleeding					
If Yes, please describe how (e.g. colposcope, naked eye, EUA) and by whom (e.g. gynaecologist, paediatrician, ED doctor)  C i) Was the cause of vaginal bleeding		• •	∐ Yes	∐ No	
gynaecologist, paediatrician, ED doctor)  C i) Was the cause of vaginal bleeding					
C i) Was the cause of vaginal bleeding			pe, naked eye,	EUA) and by	y whom (e.g.
stated?  If Yes, please describe  C ii) If the bleeding did not result from		gynaecologist, paediatrician, ED doctor)			
If Yes, please describe  C ii) If the bleeding did not result from			☐ Yes	☐ No	
C ii) If the bleeding did not result from		stated?			
trauma, was the anatomical source of the bleeding stated?  If Yes, please describe  C(iii) If the cause of vaginal bleeding		If Yes, please describe			
the bleeding stated?  If Yes, please describe  C(iii) If the cause of vaginal bleeding		C ii) If the bleeding did not result from	☐ Yes	☐ No	☐ Not
If Yes, please describe  C(iii) If the cause of vaginal bleeding		trauma, was the anatomical source of			applicable
C(iii) If the cause of vaginal bleeding		the bleeding stated?			
was due to trauma was there a detailed description of the mechanism of injury?  If Yes, please describe  C(iv) If the cause of vaginal bleeding		If Yes, please describe			
description of the mechanism of injury?  If Yes, please describe  C(iv) If the cause of vaginal bleeding		C(iii) If the cause of vaginal bleeding	☐ Yes	☐ No	☐ Not
If Yes, please describe  C(iv) If the cause of vaginal bleeding  Yes  No  Applicable injury sustained described?  If Yes, please describe  C(v) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the extent of the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the extent of the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the site of injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the age of injury described?  If Yes, please describe		was due to trauma was there a detailed			applicable
C(iv) If the cause of vaginal bleeding		description of the mechanism of injury?			
was due to trauma, was the type of injury sustained described?  If Yes, please describe  C(v) If the cause of vaginal bleeding  Yes  No  Applicable the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No  Not  Applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding  Yes  No  Not  Applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding  Yes  No  Not  Applicable injury described?  If Yes, please describe		If Yes, please describe			
injury sustained described?  If Yes, please describe  C(v) If the cause of vaginal bleeding		C(iv) If the cause of vaginal bleeding	Yes	☐ No	☐ Not
If Yes, please describe  C(v) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the extent of the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the site of injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the age of injury described?  If Yes, please describe  If Yes, please describe		was due to trauma, was the type of			applicable
C(v) If the cause of vaginal bleeding		injury sustained described?			
was due to trauma, was the extent of the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding Yes No Not was due to trauma, was the site of injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of injury described?  If Yes, please describe		If Yes, please describe			
the injury described?  If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No Not was due to trauma, was the site of applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes  No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		C(v) If the cause of vaginal bleeding	☐ Yes	☐ No	☐ Not
If Yes, please describe  C(vi) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the site of applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding  Yes  No  Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		was due to trauma, was the extent of			applicable
C(vi) If the cause of vaginal bleeding  Yes  No Not was due to trauma, was the site of applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		the injury described?			
was due to trauma, was the site of applicable injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		If Yes, please describe			
injury sustained described?  If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		C(vi) If the cause of vaginal bleeding	☐ Yes	□No	□Not
If Yes, please describe  C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		was due to trauma, was the site of			applicable
C(vii) If the cause of vaginal bleeding Yes No Not was due to trauma, was the age of applicable injury described?  If Yes, please describe		injury sustained described?			
was due to trauma , was the age of applicable injury described?  If Yes, please describe		If Yes, please describe			
injury described?  If Yes, please describe		C(vii) If the cause of vaginal bleeding	Yes	□No	□Not
injury described?  If Yes, please describe		was due to trauma , was the age of			applicable
		injury described?			
		If Yes, please describe			
			Yes	□No	
bleeding stated?		- · · · · · · · · · · · · · · · · · · ·			
If Yes, please describe		If Yes, please describe			

			□ NI a	
	E) Was the duration of the vaginal	☐ Yes	☐ No	
	bleeding stated?			
	If Yes, please describe			
	F) Was the extent of the vaginal	☐ Yes	☐ No	
	bleeding stated?			
	If Yes, please describe			
	G) Did the paper specify the timing of	Yes	□No	□ Not
	the examination in relation to the			applicable
	traumatic event?			аррисаетс
	If Yes, please describe		□ N a	
	H(i) Was there photographic	☐ Yes	☐ No	
	documentation of the examination?			
	If Yes, please describe			
	H(ii) Was there video documentation	☐ Yes	☐ No	
	of the examination?			
	If Yes, please describe			
	I) Were other checks made to exclude	Yes	□No	
	CSA?	res		
	If Yes, what other checks were made?	Other health	☐ Multi-	☐ Not
		discipline	agency	stated
		contacted	discussion	
9. Follow up	Was a follow up examination	Yes	No	
examination	conducted?			
CXGITIII GCIOTI	If Yes, state timing of this examination			
	in res, state tiring of this examination			
	If Yes, please describe this examinatio	n		
10. What physical	☐ No sign(s) described	☐ Vaginal foreign	bodies	
signs are	Genital erythema or redness	Bump(s) or mo	und(s)	
described?	Genital inflammation	☐ Vaginal dischar		ortal girls
(Please tick as		= -		-
many boxes as	Genital oedema	☐ Vaginal bleedin		ertai giris
applicable)	Genital abrasion(s)	Other (please s	pecity)	
	Genital laceration(s) or tear(s)			
11. Main Results				
(Please include				
the numerical				
and statistical				
results if				
relevant)				
12. Comments				
(Please list				
strengths and				
potential				
confounders in				
the study)				
-	Yes No			
13. Do you agree				
that this paper	Company			
should be	Comments:			
included?				
	1			

14. Which research	What are the physical sign accidental anogenital injur			rith	
question(s) does	Can the signs of accidenta	-			
this study address?	injuries (including burns a	na scaias) cau	sed by child sexual a	buse?	
(Please tick the	What is the natural history	of the healing	g process in		
one that applies)	anogenital injuries?				
	What are the signs of heal	ed anogenital	injuries?		
	What are the causes of va	ginal bleeding	in pre-pubertal girls	?	
15. Reference	Please identify any referer	ices from the p	paper that may relev	ant to the	review.
check (please					
insert the					
reference					
number, if not					
available please					
enter the authors					
and year)					
16. Is this paper	Female genital Ma	ale genital	☐ Anal	STIs	
relevant to any					
other groups?	Accidental Th	ermal injury	☐ Healing		
(tick as many as	injury				
apply)					

#### Male/Anal

First Author:							II	D no:
Reviewer's Name:			Working Group: Date: Click here to select an answer					
Please read the paper com	oletely through befo	ore completii	ng this f	orr	n.		·	
1. Aim of study:								
2. Study population:		Anal male		Αı	nal female		Má	ale genital
	Number of participants							
	Age range							
	Separation of							
	pre- and post-							
	pubertal groups.							
3. Nature of abuse	Did the abuse take	•			]			
	single episode or r		odes?	Si	ngle episc	de	Mu	Itiple episodes
	Was the abuse dig	jital, penile			Donila			
	or other?		Digita	ı	Penile	Othe (plea		Combination (please
						state		state)
	Was the abuse act	ute or	☐ Acı	ute	<u> </u>		istor	
	historic?							
4. Study type:	Cohort study/ I	-	study		Other (ple	ease s	tate)	):
	Case-control st	-						
	☐ Cross-sectional☐ Case series	study		$\Box$	I can't tell			
	Case Series  Case Report			ш	r Carr t ten			
5. Time frame	Time period in yea	ars:			Retrospec			
				Ш	Prospectiv	ve .		
6. Country of origin	□uK				South Am	erica		
	USA			_	Europe (b			•
	Africa				Other (ple	ease s	tate)	):
7. Position and technique	i) What was the po	osition taken	for exa	miı	nation of t	he ch	ild?	
	│ │	`	ı	$\neg$	Mixed			
	Supine position		[		Mot descri	had		
	Prone, knee-che		l		Not descri	beu		
	ii) Where was the	child examin	ed?					
					<b>.</b>			
	On couch	On lap	10	L	] Not desc	ribed		
	iii) Was a colposco	рру реттогт	ea?					

	☐ Yes ☐ No	☐ Not describe	βd				
	iv) Was the examination recorded?						
	☐ CD/DVD ☐ No	☐ Not describe	þŧ				
	recording						
	v) Did the paper specify the timing of	the examination	in re	elatio	on to	the	
	injury?						
	☐ Yes ☐ No						
	If Yes, please state timing						
8. Main study methods							
9. Security of diagnosis	CSA confirmed at case	CSA stated k			ria n	ot ai	VAN
of CSA	conference/ civil or criminal court	(4)	Jut	JIILE	na n	ot gi	ven
01 034	proceedings or admitted by	CSA suspect	.ad (	<b>(5)</b>			
	perpetrator (1)	Can't tell (6)		,3)			
	CSA confirmed by stated criteria	Can't ten (6)		, inc	luda	+hic	
	including multidisciplinary	<del></del>	_				
	assessment (2)	paper but it ha	5 50	iiie i	пеп	.5 (7)	,
10. Was there a control	☐ CSA defined by stated criteria (3) ☐ Yes ☐ No						
	│						
group (if relevant)?							
	If yes, how was CSA excluded?						
	☐ Stated	☐ Not stated					
	If stated please describe						
44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							
11.1. What physical signs	Anal/ perianal erythema	│	rmai	iities	/ no	rmal	
are described?	Perianal venous congestion	exam	_				
(Please list them all. We	Anal/perianal bruising	│	ofs	sexu	al ab	use	in
will forward to relevant	Anal fissures and lacerations	boys					
working group)	Anal scars and tags						
	☐ Dilatation/RAD						
	Anal laxity, reduced anal tone						
11.2 Main Results							
Include the numerical							
and statistical results (if							
relevant)							
12. Comments							
List strengths and							
potential confounders in							
the study							
13. If relevant, have the			1 b	eing	, star	ndard	d is
quality standards been			no	t me	et at	all, 5	
met?			be	ings	stand	dard	is
			me	et cc	mple	etely	
			1	2	3	4	5
	The nature of the anal abuse						
	(Related to responses from question 3	3)					

	The position and timing of examination					
	(Related to responses from question 7i), 7 ii) and 7v)					
	Was a colposcopic or other objective recording					
	undertaken? (Related to responses from question 7					
	iii) and 7 iv)					
14. Do you agree that this	Yes No					
paper should be						
included?						
(Consider the standards						
you will be applying).						
15. Reference check	Please identify any references from the paper that may	be r	elev	ant t	o th	е
(please insert the	review.					
reference number, if not						
available please enter the						
authors and year)						
16. Is this paper relevant	Female genital Healing Acciden	tal in	jury		ST	ls
to any other groups?	☐ Vaginal bleeding ☐ Thermal injury					
(tick as many as apply)						

### **Female Genital Signs**

First Author:			ID no:
Reviewer's Name:			Date:
	pletely through before completing this	form.	
1. Aim of study:			
2. Study population: (Please include no of participants, age range, gender and other relevant information)			
3. Study type:	☐ Cohort study/ longitudinal study ☐ Case-control study ☐ Cross-sectional study ☐ Case series ☐ Case Report	☐ Other (please state	e):
4. Time frame	Time period in years:	☐ Retrospective ☐ Prospective	
5. Country of origin	□ UK □ USA □ Africa	South America Europe (but not Ul Other (please state	
6. Main study methods			
7. Security of diagnosis of CSA	☐ CSA confirmed at case conference/ civil or criminal court proceedings or admitted by perpetrator (1)  ☐ CSA confirmed by stated criteria including multidisciplinary assessment (2) ☐ CSA defined by stated criteria (3)	CSA stated but cr (4) CSA suspected (5) Can't tell (6) Can't confidently paper but it has som	5) include this
8. Exclusion of CSA from control/ comparison group (if relevant)			

9. What physical signs are described? (Please list them all. We will forward to relevant working group)	☐ Genital erythema/redness/ inflammation ☐ Odema ☐ Genital bruising ☐ Genital abrasions ☐ Genital lacerations/tears ☐ Healing/healed genital injuries ☐ Clefts/notches ☐ Hymenal bumps/mounds	☐ Size of hymenal ☐ Hymenal width ☐ Friability ☐ Labial fusion ☐ Vaginal discharg girls ☐ Vaginal foreign ☐ Blood blisters ☐ % with abnormal	ge in prep bodies	
10. Examination method	Colposcope (or equivalent equipmen	nt) used?	Yes	2 🗆
	Photodocumentation obtained?			
	Examination position described?			
	<ul><li>if Yes, supine</li><li>prone</li><li>other</li></ul>			
	Were photographs reviewed?			
11. For the following signs, have the quality standards been met?	Genital Bruising/ erythema/ oedema Timing of examination stated	/ abrasions (girls)		
(Please leave blank if	Bumps/mounds Clear definition			
the sign is not being addressed by the paper)	Examined in supine (and preferably i position using colposcope and/or photodocumentation;	n knee chest)		
	Data reported for prepubertal girls			
	Clefts/notches Data separately reported for prepube	ertal and pubertal		
	girls; Clear definition			
	Size of hymenal orifice  Hymen examined in supine or knee c position using labial traction and/or l			
	Measurement technique specified.	adiai separation,		
	Hymenal Width Examination method, position and m measurement method) of the hymen complete absence of hymnal tissue r	al membrane or		

	Vaginal discharge Vaginal discharge a (not part of a medic				
	vulvitis, vaginitis); Child did not have a Prepubertal popula	a STI at time of exa			
12. Main Results (Please include the numerical and statistical results if relevant)					
13. Comments (Please list strengths and potential confounders in the study)					
14. Do you agree that this paper should be included? (Please consider the standards you will be applying).	Yes No				
15. Reference check (please insert the reference number, if not available please enter the authors and year)	Please identify any review.	references from th	ne paper that may b	e relevant	to the
16. Is this paper relevant to any other groups? (Please tick as many as apply)	☐ Accidental injury ☐ Vaginal bleeding	☐ Male genital ☐ Thermal injury	☐ Anal	STIs	

## **Sexually Transmitted Infections**

First Author:			ID no:
Reviewer's Name:			Date:
Please read the paper com	pletely through before completing this	form.	
1. Aim of study:			
2. Study population:			
Include no of			
participants, age range, gender etc:			
2.1. Age group and	☐ Neonate (0-28dys)	Pubertal Stage: Tanr	ner
pubertal stage	☐ Infant (> 28dys-1yr)		
	Child (>1yr -12yrs)		_
	Other (please state)		Post-pubertal
3. Study type:	☐ Age not specified☐ Cohort study/ longitudinal study	☐ Not stated☐ Other (please sta	te)·
	Case-control study		
	Cross-sectional study	_	
	Case Series	☐ I Can't tell	
	Case Report		
4. Time frame	Time period in years:	Retrospective	
		Prospective	
5. Country of origin	□ UK   □ USA	☐ South America ☐ Europe (but not l	IIZ
	☐ Africa	Other (please sta	<u>.</u>
6. Position and			,-
technique of			
examination of child			
(colposcope etc) (if relevant)			
7. Main study methods			
O. Consulto of diamental	CSA confirmed at case		
8. Security of diagnosis of CSA	conference/ civil or criminal court	CSA stated but (	criteria not given
	proceedings or admitted by	CSA suspected (	(5)
	perpetrator (1)	Can't tell (6)	
	CSA confirmed by stated criteria	Can't confidently	
	including multidisciplinary assessment (2)	paper but it has so	me merits (7)
	CSA defined by stated criteria		
	(3)		
9. Exclusion of CSA from			
control/comparison group (if relevant)			

#### 10. Main results:

Infection	Prevalence	Diagnostic	Quality	Serology	Site	Site(s)	Int	fection in moth	ner	Non-s	sexual transm	ission
(please tick as		test used	scores		tested	positive				Auto-		Household
many as apply)							YES	NO	Not tested	innoculation	Formites	contact
GC												
СТ												
NSU												
TV												
☐ Genital wart												
☐ Oral wart												
HSV												
□BV												
☐ Mycoplasma												
genitalium												
☐ Mycoplasma												
Other												
STS												
HIV												
HBV												
HCV												
Other;												
Other:	-							-				

## Quality score key:

СТ	Good NAAT confirmed; Culture Medium Confirmed EIA/IF (only + ve); Poor Negative EIA, , Culture, IF;
GC	Good NAAT confirmed; Culture Poor Gram stain
TV	Good Culture / Wet prep; NAAT Poor A/Orange
NSU	Good NSU mentioned with diagnostic criteria of >10 per high power filed Medium 5-10 per hp field Poor Nsu without mention of diagnostic criteria
HPV	Good Histology - in situ hybrid +/- HPV typing Medium Macroscopic diagnosis
HSV	Good Culture or PCR; Medium HSV-2 Type specific serology; Poor Macroscopic ,type1 serology
Prepubertal BV	Good Any mention for clue cells,mixed anaerobes Medium Gardnarella
Mycoplasma genitalia	Good PCRconfirmed /Culture; NAAT Medium unconfirmed pcr
Mycoplasma (Other)	Good PCRconfirmed/Culture; NAAT Medium uncomfirmed pcr
Syphilis	Good full serology; NAAT Medium Dark ground microscopy VRDL alone/ELISA alone
HIV	Good Antibody testing Medium Rapid Testing unless fourth generation
Нер В	Good Serology +/or NAAT
Нер С	Good serology +/or NAAT

11. Other relevant information from the results Include the numerical and statistical results	
12. Comments	
List strengths and	
potential confounders in the study	
the study	
47.5	
13. Do you agree that this	Yes No
paper should be included?	
(Consider the standards	
you will be applying).	
15. Reference check	Please identify any references from the paper that may be relevant to the
(please insert the	review.
reference number, if not	
available please enter the	
authors and year)	
16. Is this paper relevant	☐ Female genital ☐ Male genital ☐ Accidental injury ☐ Anal
to any other groups?	☐ Vaginal bleeding ☐ Thermal injury ☐ Healing
(tick as many as apply)	