

7.-ANEXOS

ANEXO 1

ACLARACIONES SOBRE LAS LEGISLACIONES QUE REGULAN ESTE TIPO DE DELITOS

Antes de continuar, deberíamos considerar algunos aspectos legales sobre el tema. Las variables que participan en estos delitos, no sólo involucran a los sujetos activos y pasivos, sino también al entorno y su reglamento, por ello el conocimiento de la legislación de la localización donde se desarrollan los estudios es de vital importancia para definir qué actos son constitutivos de delito y poder así analizar correctamente sus datos. Sin embargo, no todos los artículos especifican cuál es la legislación en la que se llevan a cabo, ni determinan cuál es su definición de trabajo.

La mayoría de los trabajos de habla inglesa consideran las definiciones de “*The Sexual Offences Act 2003*”⁴⁰, a continuación, incluiré éstas y algunas aclaraciones sobre las diferencias con el Código Penal Español y cómo las he considerado en este trabajo, al analizar los datos y traducir la bibliografía:

“Sexual assault”

Una persona (A) comete un delito si a) intencionalmente toca a otra persona (B), b) el contacto tiene carácter sexual, c) B no lo consiente, y d) A no considera de manera razonable que B consiente.

Por el contenido de esta definición, podemos considerar el delito “*Sexual Assault*” como homólogo del delito de *Agresión Sexual* recogido en el art. 178 CP, y así lo consideraré en este trabajo.

“Rape”

Una persona (A) comete este delito si a) intencionalmente penetra la vagina, ano o boca de otra persona (B) con su pene, b) B no consiente la penetración, y c) A no considera de manera razonable que B consiente.

“Assault by penetration”

Es toda aquella ofensa de penetración del ano o vagina de otra persona con cualquier parte del cuerpo u objeto si la penetración es de carácter sexual y la persona B no consiente el acto.

Podemos considerar que el *Delito de Violación* recogido en el art. 179 CP, considera estos dos delitos en uno sólo, e indica lo siguiente:

Cuando la agresión sexual consista en acceso carnal por vía vaginal, anal o bucal, o introducción de miembros corporales u objetos por alguna de las dos primeras vías.*

*Para la opinión dominante en la doctrina y en la jurisprudencia penales españolas, la definición de “acceso carnal” se configura por la penetración del órgano genital

masculino en un orificio natural de otra persona, cualquier que sea su sexo, por vaso normal o anormal, produciéndose el coito o un equivalente anormal del mismo⁷⁵.

Es decir, en nuestro art. 179 CP, se recogen una variedad de actos mucho más amplia que en las otras definiciones legales, lo cual es un aporte importante a la hora de reconocer situaciones denigrantes para cualquier ser humano.

CONCEPTO DE “CONSUMACIÓN”¹

Una cuestión importante que no mencionaremos a lo largo del trabajo, y que confronta directamente el aspecto legal y médico del acto, es la referente a la consumación, es decir, aquellas condiciones que deben concurrir para entender cometido el delito. Tradicionalmente se han manejado diversos criterios:

- a) La “*conjunctio membrorum*” (o conjunción de miembros), basta con el contacto entre órganos genitales para entender cometida la violación.
- b) La “*inmisio penis*” (o introducción del pene), el delito requiere la penetración de algún grado.
- c) La “*inmissio seminis*” (o eyaculación), es precisa la existencia de penetración y la eyaculación en el interior de la cavidad para entender cometido el delito.

Sin embargo, es prácticamente imposible demostrar en un juicio hasta qué punto exacto de la cavidad hubo penetración o introducción de un miembro u objeto, por ello debemos atender a otras consideraciones. Para empezar, todos los hechos que sean de una entidad semejante y supongan un ataque para la libertad sexual de la persona, teniendo la misma repercusión que la penetración o introducción total o parcial, determinarán la violación cometida (un ejemplo de esta situación sería el conocido como “*coito entre los muslos*”).

La jurisprudencia ha seguido un criterio normativo, afirmando que el acceso carnal no depende de las circunstancias anatómicas y aunque no exista un coito fisiológicamente completo, la sola unión de los órganos genitales constituyen el delito de violación consumado (en este caso, existe acuerdo con la legislación de otros países)¹⁶. Por ejemplo, en el caso de caso de la penetración vaginal, tendremos en cuenta las diferencias entre “*vagina médica*” y “*vagina legal*”. Medicamente, consideramos como extremo terminal distal la membrana himenal, sin embargo, la definición legal de vagina considera su inicio distal en la vulva, es decir, se considerará acceso carnal completo el mero contacto entre los genitales, los conocidos como “*coito vulvar*” o “*coito vestibular*”. En el caso de la vía oral, entendiéndose que la boca comienza con los labios, de manera que la zona intermedia entre los dientes y los labios pertenecen anatómicamente a la boca, “la violación oral” se consuma con el simple contacto de los labios, sin necesidad de que el pene supere la barrera de los dientes; e, independientemente de que la lengua atravesie o no el umbral de los labios genitales, la introducción de un miembro corporal se ha cometido, por el simple contacto con la vulva femenina.

CONCEPTO DE “PLURALIDAD DE DELITOS”¹

Siempre que exista pluralidad de violaciones padecidas por la misma víctima y cometidas por el mismo agresor, se plantea el problema de calificar jurídicamente los hechos. Las distintas unidades de agresión pueden ser calificadas de forma diferente:

1) Apreciar tantos delitos de violación como penetraciones se llevaron a cabo (concurso real de los delitos), 2) Considerar que todas ellas deben valorarse como un único delito de violación (unidad de acción), 3) Aplicar al delito de violación la figura de delito continuado.

Acerca de este supuesto, la jurisprudencia parte del principio general de que cada vez que se comete un acto que atente contra la libertad sexual de otro individuo, aunque éste sea el mismo, se constituye un delito diferente y se renueva con cada acto la capacidad del sujeto pasivo para consentirlo o rechazarlo.

Aplicación del delito continuado:

La jurisprudencia tiende a rechazar este concepto de “continuidad delictiva” cuando se trata de agresiones sexuales, su aplicación es excepcional y debe llevarse a cabo mediante una interpretación restrictiva. Sin embargo, se admiten las siguientes situaciones:

-Cuando las agresiones se pueden individualizar, pero a) se produce la repetición del acto sexual con el mismo sujeto pasivo, b) tienen lugar en el marco de la misma ocasión, con análogas circunstancias de tiempo y lugar y bajo la misma situación de fuerza o intimidación, y c) todos los actos responden al mismo impulso libidinoso no satisfecho del autor.

-Cuando no es posible una mínima individualización de cada una de las conductas constitutivas de delito, debido a que las agresiones se han repetido aprovechando un estado o situación permanente de violencia o intimidación.

Aplicación de la unidad de acción:

La jurisprudencia también admite esto en algunos casos, de modo que considera un sólo delito en aquellos supuestos en los que ocurre más de una penetración, entre las mismas personas y en un mismo espacio-temporal. La diferencia con el delito continuado consiste en que los hechos se comenten de manera inmediata entre sí y en la misma situación espacio-temporal y, hay un mismo dolo que, se muestra a través de diversos actos, y no un dolo único reproducido en ocasiones similares.

Sin embargo, cada una de las agresiones está perfectamente determinada y tiene sustantividad propia, es decir, cada violación es un delito independiente, porque supone en sí un ataque grave contra la libertad sexual de la víctima. Por ello, siempre que sea posible, se prefiere la individualización de los delitos.

AUTORÍA Y PARTICIPACIÓN¹

Debemos diferenciar la responsabilidad y significado de la presencia de cada individuo durante la agresión, en el caso de estén presentes varios individuos.

Puede ocurrir, por ejemplo, que, una persona que está presente mientras una o varias personas cometan el delito, aunque no participe en el acto ni golpee o inmovilice a la víctima. En este caso la jurisprudencia de manera repetida, considera que el

acompañante del agresor sexual, con su simple presencia, refuerza la actividad delictiva, acentúa el desamparo de la víctima y debilita, o incluso anula, su voluntad resistente, por ello suele considerar tal actuación como una cooperación necesaria para el delito.

En el caso de que el hecho se cometa por la actuación conjunta de dos o más personas, se considera que esta participación múltiple facilita la comisión del delito y aumenta las consecuencias para la víctima alentar la violencia del acto, y por tanto se considera el delito como agravado (art. 180CP).

ANEXO 2

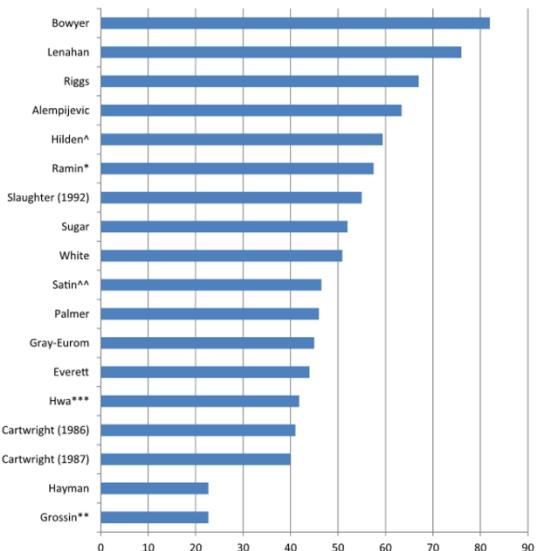


Fig. 1. Percentage of study participants with general body injury. *Average of premenopausal and postmenopausal cohorts. ^AThis is an approximate figure based upon secondary analysis of the published data. **Average of <72 h and >72 h cohorts. ***This study included 7 male victims. Data for female victims is presented. ^{AA}Average of pregnant and non-pregnant cohorts.

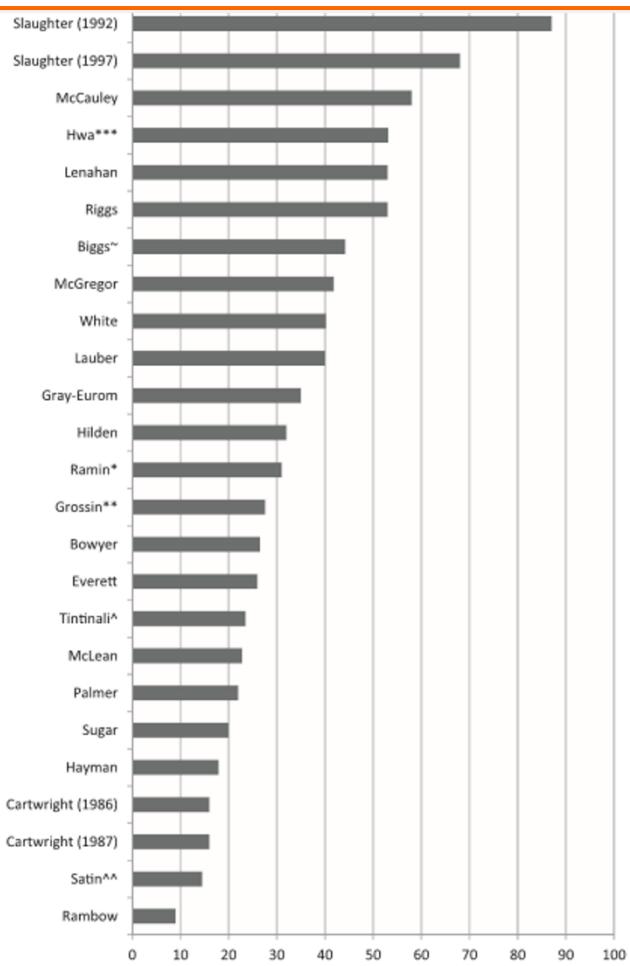


Fig. 2. Percentage of study participants with genital injury. *Average of premenopausal and postmenopausal cohorts. [~]Average of virgin and non-virgin cohorts. ^AThis is an approximate figure based upon secondary analysis of the published data. **Average of <72 h and >72 h cohorts. ***This study included 7 male victims. Data for female victims is presented. ^{AA}Average of pregnant and non-pregnant cohorts.

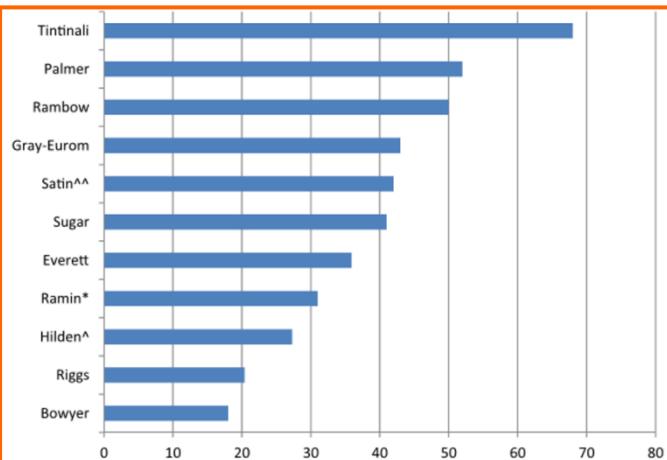


Fig. 3. Percentage of study participants without any general body or genital injury. Only studies that specifically reported data on the absence of injury and studies where this information could be extracted by secondary analysis of reported data are displayed. *Average of premenopausal and postmenopausal cohorts. ^AThis is an approximate figure based upon secondary analysis of the published data. ^{AA}Average of pregnant and non-pregnant cohorts.

ANEXO 3

La “*Derivation of the Genital Injury Severity Scale*” (GISS) se construyó siguiendo el siguiente proceso:

1.-Se generó una lista de 24 ítems (8 ítems de tipo de lesión y 16 de localización) a partir de la bibliografía, opinión de expertos o profesionales con un mínimo de 10 años de experiencia y datos de los casos del Estado de California.

| Injury types: | Findings/injury to: |
|--|---|
| <ul style="list-style-type: none"> • Swelling of any structure* • Erythema of any structure* • Ecchymosis of any structure* • Abrasion of any structure* • Tear or transection of any structure* • No findings to a structure* • Nonspecific findings* • Tenderness to any structure | <ul style="list-style-type: none"> • Buttocks • Perianal skin • Anal verge/folds/rugae • Rectum • Vaginal walls • Cervix • Inner thighs • Perineum • Labia majora • Labia minora* • Clitoris/surrounding area* • Periurethral tissue/urethral meatus* • Perihymenal tissue (vestibule)* • Hymen* • Fossa navicularis* • Posterior fourchette* |

Fig. 3. Initially-generated item pool, considering all potential scale variables. Items denoted with * indicate the variables that remained after standard item reduction method.

2.-Se eliminaron aquellos ítems que no podían aplicarse directamente en el examen de los genitales femeninos, esta determinación aumentaba la posibilidad de que la escala fuera útil para comparar víctimas con mujeres no agredidas. Posteriormente un análisis multivariante permitió mantener solamente aquellos que contribuían a una mayor variabilidad en los exámenes forenses. Curiosamente, se llegó a un listado prácticamente igual que la “*Clasificación TEARS*”. Con todo ello se construyó la siguiente tabla, un modelo de uso clínico en el que las columnas, llamabas “*tipos*”, calificaban lesiones de las “*filas*” según el grado de gravedad creciente.

CLASE A (menor probabilidad de lesiones tras AS):

Tipo 1: no hallazgos para esa variable.

Tipo 2: hallazgos inespecíficos, poco comúnmente encontrados tras AS.

CLASE B (mayor probabilidad de lesiones tras AS):

Tipo 3: hallazgos moderadamente severos, más comúnmente encontrados tras AS.

Tipo 5: grado más severo de cada variable.

| Genital Injury Severity Scale (GISS) | | | | | |
|--------------------------------------|------------------------------------|--|---------------------------------------|---|---|
| | Type 1 | Type 2 | Type 3 | Type 4 | Type 5 |
| Swelling | (-) (0) | + | Mild (1) | Significant (2) | |
| Color Change (erythema to contusion) | (-) (0) | + | Pink/Red (1) | ++ Significant Redness (2) | Purple (3) |
| Tissue Break (tear to abrasion) | (-) (0) | Superficial: seen only with colpo and/or TB (1) | | Mild: linear tears into epidermis visible with eye (2) | Moderate: deeper and wider into dermis (3) |
| Hymen and Introitus | (-) (0) | | Incomplete tear/s (2) | Complete transection (3) | Complete transection and disruption into introitus (4) |
| Toluidine Blue dye uptake | (-) (0) | + | Flat/punctate uptake (1) | + Specific uptake (2) | |
| | Tissue Integrity Intact Class A | | Tissue Integrity disrupted Class B | | |

Fig. 4. The Genital Injury Severity Scale (GISS), developed by the authors (2006) showing the initially-derived version of the GISS. This version contained individual cell scores (numbers in parentheses) that summed to a GISS Index. The index calculation method is currently under revision.

Tipo 4: hallazgos intermedios entre GISS Tipo 3 y 5.

3.- Se analizó la consistencia interna, que resultó muy buena, ya que recogía una gran cantidad de información sobre el examen de los genitales externos en un número muy reducido de variables. Además, se puso en uso en un estudio piloto, donde demostró su habilidad para discernir una corte de sujetos de SC de una cohorte de víctimas de AS, los examinadores fueron capaces de completar la escala en menos de 30 segundos, y después de coger práctica, en menos de 15 segundos.

Table 3

Statistical results of authors' pilot study²² (differential validity analysis).

| | Type 1 | Type 2 | Type 3 | Type 4 | Type 5 | |
|--|-------------------------------------|---------------------------|--|-------------------|-------------|--------------------------------------|
| Consensual Intercourse N=50 Median 2, Minimum 1, Maximum 4 | No findings 21 (42%) | ANY findings 29 (58%) | | | | ChiSq: 0.368 df=1 p=.544 |
| | Type 1 21 (42%) | Type 2 24 (48%) | Type 3 4 (8%) | Type 4 1 (2%) | Type 5 0 | |
| | Types 1,2 No injury 45 (90%) | | Types 3,4,5 Injury ¹ 5 (10%) | | | |
| Sig diff medians, p<0.0001 ² | Class A | | Class B | | | ChiSq: 15.875 df=1 p<0.0001 |
| Sexual Assault N=185 Median 2, Minimum 1, Maximum 4 | Types 1,2 No injury 111 (60%) | | Types 3,4,5 Injury ¹ 74 (40%) | | | |
| | Type 1 69 (37%) | Type 2 42 (23%) | Type 3 57 (31%) | Type 4 17 (9%) | Type 5 0 | |
| | No findings 69 (37%) | ANY findings 116 (63%) | | | | |
| | Type 1 | Type 2 | Type 3 | Type 4 | Type 5 | |

¹Per authors' definitions, "injury" only found with types 3,4,5 (Class B)

²Per Independent Samples Median test

ANEXO 4

Table 1
Key studies citing non-consensual sexual intercourse (NCSI) genital injury prevalence data.

| Method of examination | Author | Year | Design | Excludes redness/ swelling | Excludes anal/ perianal | Excludes prepubertal/ postmenopausal | Penetration to examination time (PET) | Age of subjects | Sample size (NCSI) | Genital injury prevalence |
|--------------------------------------|----------------------------|-------|---------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------|------------------------|--------------------|---|
| Macroscopic only | Tintinalli ^{12,k} | 1985 | Retrospective | No | Yes | No | 95% <24 h | 13–78 yrs | 372 | 18% |
| | Cartwright ¹³ | 1986 | Retrospective | Yes | No | No | Not stated | ≥10 yrs | 440 | 28% |
| | Cartwright ¹⁴ | 1987 | Retrospective | Yes | No | No | Not stated | ≥10 yrs | 161 | 21% |
| | Manser ¹⁵ | 1991 | Retrospective | No ^a | Yes | No | 64% <24 h | 12–69 yrs | 103 | 37% |
| | Rambow ^{16,k} | 1992 | Retrospective | Yes | Yes | No | <36 h | >16 yrs | 182 | 9% |
| | Ramin ¹⁷ | 1992 | Retrospective | No | Yes | Probably | 56% <6 h | 14–49 yrs | 129 | 18% |
| | Bowyer ¹⁸ | 1997 | Retrospective | Yes | No | Yes | 'Most' <24 h | 16–48 yrs | 83 | 27% |
| | Wiley ^{10,k} | 2003 | Retrospective | Yes | No | No | 74% <24 h | >15 yrs | 365 | 18% |
| | Palmer ¹⁹ | 2004 | Retrospective | Yes | No | No | <72 h | 14–73 yrs | 153 | 22% |
| | Sugar ¹¹ | 2004 | Retrospective | Yes | No | No | 77% <24 h | 15–87 yrs | 759 | 20% |
| | Hilden ²⁰ | 2005 | Retrospective | Yes | No | Yes | <72 h | 20–49 yrs | 143 | 27% |
| | Crane ²¹ | 2006 | Retrospective | Yes | No | No | 85% <72 h | 13–87 yrs | 620 | 20.5% |
| | White ²² | 2006 | Retrospective | Yes | Yes | No ^b | Not stated | 12–17 yrs | 224 | 40% |
| | McLean ^{23,j} | 2011 | Retrospective | Yes | Yes | No ^c | <48 h | ≥18 yrs | 500 | 22.8% |
| Staining/macroscopic | Morgan ²⁴ | 2011 | Retrospective | Yes | No | Separate groups | 81% <48 h | 18–47 yrs | 130 | 17% |
| | Lauber ^{25,j} | 1982 | Prospective | Yes | Yes | No | <48 h | Postmenopausal | 122 | 37% |
| | McCauley ^{26,j} | 1986 | Prospective | Yes | Yes | No | <48 h | 11–18 yrs | 25 | Macro 4% Stain 28% |
| Colposcopy | McCauley ^{27,j} | 1987 | Prospective | Yes | Yes | Probably | <48 h | 19–55 yrs | 24 | Macro 4% Stain 58% |
| | Baker ²⁸ | 2008 | Retrospective | No | No | Yes | <72 h | 22–29 yrs | 94 | 58.5% |
| | Maguire ²⁹ | 2009 | Retrospective | Yes | No | No | 85% <72 h | 13–74 yrs | 153 | 39% |
| | Texeira ³⁰ | 1981 | Prospective | No | Hymen only | No | Not stated | 4–51 yrs | 500 | 11.9% increase in detection colpo vs macro. |
| | O'Brien ³¹ | 1997 | Retrospective | No | No | No | <72 h | ≥18 yrs | Macro 56 | Macro 36% |
| Staining/colposcopic | Lenahan ³² | 1998 | Prospective | Yes | No | No | <24 h | >15 yrs | Colpo 60 | Colpo 60% |
| | Slaughter ³³ | 1992 | Retrospective | No | Yes | No | <48 h | 13–85 yrs | 131 | 87% |
| | Slaughter ^{34,j} | 1997 | Retrospective | No | No | No | <24 h | 11–85 yrs | 142 | 89% |
| | Lindsay ^{35,k} | 1998 | Retrospective | No ^d | No | No | <72 h | 12–95 yrs | 642 | 73% |
| | Adams ³⁶ | 2001 | Retrospective | No | No | Probably | 87% <72 h | 14–19 yrs | 214 | 72% |
| | Sachs ³⁷ | 2002 | Retrospective | Yes | No | Yes | 87% <24 h | Not given ^e | 209 | 80% |
| | Jones ³⁸ | 2003a | Retrospective | No | No | No | <72 h | 13–17 yrs | 329 | 83% |
| | Jones ^{39,j} | 2003b | Retrospective | No | No | No | 90% <72 h | 18–84 yrs | 437 | 64% |
| | Jones ⁴⁰ | 2003c | Prospective | Yes | Yes | Yes | 85% <72 h | 13–19 yrs ^f | 20 | 15% labial traction 60% balloon |
| | Jones ⁴¹ | 2004a | Prospective | Yes ^g | Yes | No | 89% <72 h | 12–45 yrs | 27 | 67% |
| Macroscopic, staining and colposcopy | Jones ⁴² | 2004b | Retrospective | No | No | No | Not stated | 13–82 yrs | 849 | 71–77% |
| | Sommers ⁴³ | 2006 | Retrospective | Yes | Yes | Probably | <72 h | 14–39 yrs | 40 | 52.5% |
| | Anderson ^{44,j} | 2006 | Retrospective | Yes ^h | Yes | No | <24 h | 16–54 yrs | 56 | 32.1% |
| | Stearns ⁴⁵ | 2008 | Retrospective | No | No | Yes ⁱ | Not stated | 12–18 yrs | 1024 | 77% |
| | Drocton ⁴⁶ | 2008 | Retrospective | Yes | No | No | 75% <72 h | 12–92 yrs | 3356 | 49.9% |
| | Jones ⁴⁷ | 2009b | Retrospective | No | No | Yes | <72 h | 19–39 yrs | 1610 | 62.9% |
| | Rogers ⁴⁸ | 2008 | Prospective | No | No | No | 84% <48 h | 13–74 yrs | 445 | 68% all 3 methods combined |

^a Includes tenderness and redness, but not swelling.

^b 93.3% post-menarchal, 2.7% pre-menarchal, 4% menarchal status not recorded.

^c When postmenopausal excluded from analysis, results 'didn't change substantially'.

^d Includes redness and swelling only if 'localised'.

^e All were menstruating regularly.

^f All were at Tanner Stage III of pubertal development.

^g Abrasions and lacerations only.

^h Used TEARS but excluded redness and swelling.

ⁱ All pubertal.

^j Consensual and non-consensual sexual intercourse genital injury comparison study.

^k Legal outcome study.

Table 2

Key studies citing consensual sexual intercourse (CSI) genital injury prevalence data.

| Method of examination | Author | Year | Design | Excludes redness/ swelling | Excludes anal/ perianal | Excludes prepubertal/ postmenop. | Penetration to examination time (PET) | Age of subjects | Sample size (CSI) | Genital injury rate |
|--------------------------------------|---------------------------|-------|------------------------|----------------------------|-------------------------|----------------------------------|---------------------------------------|-----------------|-------------------|---|
| Macroscopic only | McLean ^{23,e} | 2011 | Prospective (CSI only) | Yes | Yes | No ^a | <48 h | ≥18 yrs | 68 | 5.9% |
| Macroscopic and staining | Lauber ^{25,e} | 1982 | Prospective | Yes | Yes | No | <48 h | Not stated | 22 | 4.5% |
| | McCauley ^{26,e} | 1986 | Prospective | Yes | Yes | No | <48 h | 11–18 yrs | 25 | Macro 0% Stain 28% |
| | McCauley ^{27,e} | 1987 | Prospective | Yes | Yes | Yes | <48 h | 19–43 yrs | 48 | Macro 0% Stain 10% |
| Colposcopy | Soper ⁴ | 1991 | Prospective | Yes | Yes | Yes | <24 h | ≥18 yrs | 30 | 0% |
| | Fraser ¹ | 1999 | Prospective | No | Yes | Yes | <24 h | 18–35 yrs | 103 | 25.2% |
| | Eschenbach ³ | 2001 | Prospective | No | Yes | Yes | 8–12 h | 18–40 yrs | 42 | Vulva 27% Vagina 5% |
| Colposcopic and staining | Norvell ⁴⁹ | 1984 | Prospective | No | Yes | Yes | 6 h post CSI | 23–35 yrs | 18 (6 h) | 61.1% |
| | Slaughter ^{34,e} | 1997 | Retrospective | No | Yes | No | <24 h | 13–48 yrs | 75 | 11% |
| | Jones ^{39,e} | 2003b | Retrospective | No | No | No | 90% <72 h | 13–17 yrs | 51 | 73% |
| Macroscopic, staining and colposcopy | Anderson ^{44,e} | 2006 | Prospective | Yes ^b | Yes | Yes | <24 h | 21–45 yrs | 46 | 30.4% |
| | Sommers ⁵⁰ | 2008 | Prospective | No | No | No | <24 h | ≥21 yrs | 120 | 55% all 3 methods combined |
| | Zink ^{9,c} | 2010 | Prospective | No ^d | No | No | <24 h | 21–68 yrs | 120 | 55% all 3 methods combined |
| | Astrup ⁵¹ | 2012 | Prospective | Yes | Yes | Yes | <48 h | 19–40 yrs | 98 | Macro 34% Colpo 49% Stain/colpo 52% |

^a When postmenopausal excluded and results 'didn't change substantially' so not excluded.^b Used TEARS but excluded redness and swelling.^c Appears to be same study group as Sommers (2008).^d Used TEARS but excluded swelling.^e Consensual and non-consensual sexual intercourse genital injury comparison study.**Table 4**

Genital injury consent group comparison studies.

| Author | Year | Method of examination | PET | Sample size | | Non-consensual GI rate | Consensual GI rate | Features |
|-------------------------|-------|-----------------------|-----------|-------------|-----|------------------------|--------------------|--|
| | | | | NCSI | CSI | | | |
| Lauber ²⁵ | 1982 | Stain/macroscopic | <48 h | 22 | 22 | 40% | 4.5% | Prospective NCSI and CSI |
| McCauley ²⁶ | 1986 | Stain/macroscopic | <48 h | 25 | 25 | 28% | 28% | Prospective NCSI and CSI |
| McCauley ²⁷ | 1987 | Stain/macroscopic | <48 h | 24 | 48 | 58% | 10% | Prospective NCSI and CSI |
| Slaughter ³⁴ | 1997 | Stain/colposcopic | <24 h | 311 | 75 | 89% | 11% | Retrospective NCSI and CSI ^a |
| Jones ³⁹ | 2003b | Stain/colposcopic | 90% <72 h | 204 | 51 | 85% | 73% | Includes adolescents and postmenopausal |
| | | | | | | | | Includes redness and swelling |
| Anderson ⁴⁴ | 2006 | Stain/colposcopic | <24 h | 56 | 46 | 32.1% | 30.4% | Retrospective NCSI and CSI ^a |
| | | | | | | | | Includes redness, swelling and anal findings |
| McLean ²³ | 2011 | Macroscopic | <48 h | 500 | 68 | 22.8% | 5.9% | Prospective CSI |
| | | | | | | | | Retrospective NCSI |
| | | | | | | | | Includes postmenopausal |

PET = penetration to examination time.

NCSI = non-consensual sexual intercourse.

CSI = consensual sexual intercourse.

^a Consent status uncertainty.

ANEXO 5

Table 1. Demographic and Consensual Intercourse Participant Characteristics (n = 120)

| Demographics | |
|---|--------------|
| Age | |
| Mean ± SD | 32.54 ± 8.98 |
| Race/ethnicity | |
| White/Caucasian | 57 (48%) |
| Black/African-American | 60 (50%) |
| Latina | 2 (1%) |
| Other | 1 (< 1%) |
| Married | 52 (43%) |
| Consensual intercourse characteristics | |
| Frequency of intercourse | |
| < 1/month | 1 (< 1%) |
| 1/month | 6 (5%) |
| > 1/month | 16 (13%) |
| 1-2/week | 53 (44%) |
| 3-5/week | 41 (34%) |
| 1/day | 4 (3%) |
| Hours between intercourse and examination | |
| Mean ± SD | 8.23 ± 6.33 |

A tener en cuenta que, aunque sólo el 43% estaban casadas, el 100% de la muestra mantenía una relación estable con su pareja.

Table 2. Injury Frequency by Ano-genital Region and Injury Type for all Consensual Intercourse Participants (n = 120)

| Ano-genital Region | Tears | | | | Ecchymoses | | | | Abrasions | | | | Redness | | | |
|---------------------|--------|------|----------|-------|------------|------|----------|-------|-----------|------|----------|-------|---------|------|----------|-------|
| | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total |
| External genitalia | 39 | 38 | 56 | 59* | 0 | 0 | 0 | 0 | 12 | 12 | 20 | 22* | 17 | 15 | 3 | 17 |
| Internal genitalia† | 6 | 6 | 1 | 6 | 11 | 11 | 1 | 12* | 4 | 4 | 1 | 5* | 18 | 18 | 3 | 18 |
| *Anus | 2 | 6 | 11 | 11 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 4 | 4 | 2 | 5 |

* Total frequency exceeds frequency of any individual examination technique alone.

† Internal genitalia = tol-blue only for hymen.

Swelling was rarely observed so the data are not presented.

Colp = colposcopy; Tol-Blue = toluidine-blue.

*Sólo 5 mujeres (4%) declaró haber mantenido sexo anal.

Table 3. Injury Occurrence: The Number and Percent of Participants with at Least One Injury by Ano-genital Region and Injury Type for all Consensual Intercourse Participants (n = 120)

| Ano-genital Region | Tears | | | | Ecchymoses | | | | Abrasions | | | | Redness | | | |
|---------------------|--------|------|----------|-------|------------|------|----------|-------|-----------|------|----------|-------|---------|------|----------|-------|
| | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total | Visual | Colp | Tol-Blue | Total |
| External genitalia | 21 | 20 | 30 | 31 | 0 | 0 | 0 | 0 | 10 | 10 | 16 | 17 | 11 | 9 | 3 | 11 |
| | 18% | 17% | 25% | 26% | 0% | 0% | 0% | 0% | 8% | 8% | 13% | 14% | 9% | 8% | 3% | 9% |
| Internal genitalia* | 3 | 3 | 1 | 3 | 9 | 9 | 1 | 10 | 4 | 4 | 1 | 5 | 16 | 16 | 3 | 16 |
| | 3% | 3% | 1% | 3% | 8% | 8% | 1% | 8% | 4% | 3% | 1% | 4% | 13% | 13% | 3% | 13% |
| Anus | 2 | 3 | 5 | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 5 | 5 | 2 | 5 |
| | 2% | 3% | 4% | 4% | 0% | 0% | 0% | 0% | 1% | 1% | 1% | 1% | 4% | 4% | 2% | 4% |

* Internal genitalia = tol-blue only for hymen.

Swelling was rarely observed so the data are not presented.

Colp = colposcopy; Tol-Blue = toluidine-blue.

ANEXO 6

Table 7
Consent group comparison injury prevalence and type.

| | Non-consensual group (n = 41) | | Consensual group (n = 81) | | OR (95% CI) | p-Value |
|-----------------------------|----------------------------------|------|------------------------------|-----|---------------------|-----------|
| | n | % | n | % | | |
| At least one genital injury | 22 | 53.7 | 8 | 9.9 | 10.57 (4.07–27.42) | <0.00001* |
| Type of injury | | | | | | |
| At least one abrasion | 8 | 19.5 | 0 | 0 | 42.11 (2.36–750.99) | 0.01* |
| At least one bruise | 10 | 24.4 | 0 | 0 | 55.43 (3.15–975.14) | 0.01* |
| At least one laceration | 13 | 31.7 | 8 | 9.9 | 4.24 (1.59–11.32) | <0.005* |

*Statistical significance $p < 0.05$.

Table 8
Consent group comparison of genital injury sites (all cases, n = 122).

| At least one injury at this site | Non-consensual group (n = 41) | | Consensual group (n = 81) | | OR (95% CI) | p-Value |
|----------------------------------|-------------------------------|--|---------------------------|--|---------------------|---------|
| | n | % | n | % | | |
| Mons | — | No injuries at this site in either group | — | No injuries at this site in either group | — | — |
| Outer labia majora | — | No injuries at this site in either group | — | No injuries at this site in either group | — | — |
| Inner labia majora | 3 | 7.3 | 0 | 0 | 15.03 (0.76–298.36) | 0.08 |
| Labia minora | 9 | 22 | 0 | 0 | 48.56 (2.74–859.42) | 0.01* |
| Fossa navicularis | 9 | 22 | 3 | 3.7 * | 7.31 (1.86–28.77) | 0.04 |
| Posterior fourchette | 6 | 14.6 | 3 | 3.7 * | 4.46 (1.05–18.85) | <0.005* |
| Hymen | 4 | 9.8 | 0 | 0 | 19.85 (1.04–378.43) | 0.05 |
| Vaginal wall | 2 | 4.9 | 0 | 0 | 10.45 (0.49–223.11) | 0.13 |
| Cervix | 2 | 4.9 | 0 | 0 | 10.45 (0.49–223.11) | 0.13 |
| Peri-urethra | 3 | 7.3 | 1 | 1.2 * | 6.32 (0.64–62.74) | 0.12 |
| Clitoris/clitoral hood | 1 | 2.4 | 0 | 0 | 6.11 (0.24–153.52) | 0.27 |
| Perineum | 1 | 2.4 | 1 | 1.2 * | 2.00 (0.12–32.81) | 0.63 |

*Statistical significance $p < 0.05$.

Table 9
Total number of genital injuries per individual in each consent group.

| No of injuries in an individual | Non-consensual group (n = 41) | | Consensual group (n = 81) | |
|---------------------------------|-------------------------------|------------|---------------------------|------------|
| | n | % | n | % |
| None | 19 | 46.3 | 73 | 90.1 |
| 1 injury | 7 | 17.1 | 6 | 7.4 |
| 2 injuries | 2 | 4.9 | 2 | 2.5 |
| 3–6 injuries | 11 | 26.8 | 0 | 0 |
| 7–10 injuries | 2 | 4.9 | 0 | 0 |
| Total | 41 | 100 | 81 | 100 |

Table 11
Comparison of features of lacerations seen in each consent group.

| | Non-consensual group 43 lacerations in 13 women | Consensual group 10 lacerations in 8 women |
|-----------------------------------|---|--|
| Length | Up to 2.5 cm in length | Up to 1.5 cm in length |
| Shape | 41 straight, 2 irregular | All straight |
| Most common site | Fossa navicularis | Posterior fourchette |
| Pattern | Up to 8 in an individual If > 1, more likely to occur at different sites than at a single site | Up to 2 in an individual If > 1, only occurred at a single site |
| <i>Sites of >1 laceration:</i> | | |
| | Labia minora | Site of >1 laceration: |
| | Fossa navicularis | Posterior fourchette |
| | Peri-urethral area | |
| | Posterior fourchette | |
| | Vaginal wall | |

Table 10
Consent group comparison of injury pattern.

| | Non-consensual group (n = 41) | | Consensual group (n = 81) | | OR (95% CI) | p-Value |
|---------------------------------------|-------------------------------|--------|---------------------------|-----|---------------------|---------|
| | n | % | n | % | | |
| More than one genital injury | 15 | 36.6 * | 2 | 2.5 | 22.79 (4.88–106.36) | <0.005* |
| More than one injury at a single site | 12 | 29.3 * | 2 | 2.5 | 16.34 (3.45–77.49) | <0.005* |
| More than one site of injury | 9 | 22 | 0 * | 0 | 48.56 (2.74–859.42) | 0.01* |
| More than one type of injury | 7 | 17.1 | 0 * | 0 | 36.04 (2.00–649.21) | 0.02* |
| More than one laceration | 9 | 22 | 2 | 2.5 | 11.11 (2.27–54.28) | <0.005* |

*Statistical significance $p < 0.05$.

Table 12Injury types in different penetration scenarios by consent group (all injuries, $n = 84$).

| Penetration scenario | Bruises ($n = 13$) | | Abrasions ($n = 18$) | | Lacerations ($n = 53$) | | Total no of injuries due to this penetration scenario |
|---|----------------------|------------------|------------------------|-----------------|--------------------------|-------------------|---|
| | n | % | n | % | n | % | |
| Injuries in non-consensual cases ($n = 74$) | | | | | | | |
| Penis only | 4 | 14.3 | 2 | 7.1 | 22 | 78.6 ^a | 28 |
| Finger/s only | 4 | 26.7 | 9 | 60 ^a | 2 | 13.3 | 15 |
| Penis and fingers | 2 | 11.1 | 4 | 22.2 | 12 | 66.7 ^a | 18 |
| Penis, finger/s and object | 3 | 100 ^a | 0 | 0 | 0 | 0 | 3 |
| Unknown | 0 | 0 | 3 | 30 | 7 | 70 ^a | 10 |
| Injuries in consensual cases ($n = 10$) | | | | | | | |
| Penis only | 0 | 0 | 0 | 0 | 6 | 100 ^a | 6 |
| Penis and finger/s | 0 | 0 | 0 | 0 | 4 | 100 ^a | 4 |

^a Most frequent type of injury in a particular penetration scenario.**Table 13**Details of finger/s only penetration cases (all non-consensual, $n = 8$).

| Case | Age (yrs) | Penetration to examination time or PET (h) | Any lubricant used? | Total no injuries | Type of injuries | Sites of injury |
|------|-----------|--|---------------------|-------------------|------------------|----------------------|
| 1 | 20 | <12 | No | None | | |
| 2 | 24 | 24–47 | No | None | | |
| 3 | 22 | 12–23 | No | 1 | Bruise | Hymen |
| 4 | 41 | 12–23 | No | 1 | Bruise | Fossa navicularis |
| 5 | 42 | <12 | No | 1 | Laceration | Fossa navicularis |
| 6 | 39 | <12 | No | 3 | Abrasions | Inner labia majora |
| 7 | 24 | <12 | No | 3 | Laceration | Labia minora |
| | | | | | Abrasion | Posterior fourchette |
| | | | | | Bruise | Cervix |
| 8 | 21 | <12 | No | 6 | Bruises | Inner labia majora |
| | | | | | Abrasions | Labia minora |

ANEXO 7

Table 1. Demographic and assault-related characteristics

| | Postmenopausal women | | Premenopausal women | |
|---|----------------------|---------|---------------------|------|
| | n = 122 | % | n = 130 | % |
| Demographics | | | | |
| Age (mean, years) | 60.52 * | SD 11.8 | 27.36 * | 7.89 |
| Ethnicity | | | | |
| White** | 102 | 83.6 | 67 | 51.5 |
| Body mass index | | | | |
| Underweight (<18.5) | 12 | 9.8 | 11 | 8.5 |
| Normal weight (18.5–24.9) | 35 | 28.7 | 35 | 26.9 |
| Overweight (25–29.9) | 29 | 23.8 | 28 | 21.5 |
| Obese (>29.9) | 18 | 14.8 | 14 | 10.8 |
| Other participant details | | | | |
| Alcohol consumed around the time of the assault* | 60/120 | 50.0 | 85/130 | 65.4 |
| Illicit drugs used around the time of the assault* | 12/120 | 10.0 | 28/130 | 21.5 |
| Mental health problems (in lifetime)** | 47/121 | 38.8 | 26/130 | 29.1 |
| Mean vaginal deliveries (max.)** | 2.02 (9) | – | 0.81 (8) | – |
| Sexual intercourse within 10 days prior to forensic exam** | 24 | 19.7 | 58 | 44.6 |
| Assault details | | | | |
| Nature of assault*** | | | | |
| No recollection | 21 | 17.2 | 21 | 16.2 |
| Vaginal rape** | 74/101 | 73.3 | 87/99 | 87.9 |
| Anal rape | 14/101 | 13.9 | 17/99 | 17.2 |
| Oral rape | 22/101 | 21.8 | 24/99 | 24.2 |
| Object penetration vaginal | 5/101 | 5.0 | 3/99 | 3.03 |
| Object penetration anal | 0 | 0 | 0 | 0 |
| Object penetration oral | 0 | 0 | 0 | 0 |
| Digital penetration vaginal | 26/101 | 25.7 | 18/99 | 18.2 |
| Digital penetration anal | 4/101 | 4.0 | 4/99 | 4.0 |
| Digital penetration oral | 1/101 | 1.0 | 0 | 0 |
| Attempted vaginal rape | 11/101 | 10.9 | 8/99 | 8.1 |
| Attempted anal rape | 5/101 | 5.0 | 9/99 | 9.1 |
| Attempted oral rape | 2/101 | 2.0 | 4/99 | 4.0 |
| Assailant | | | | |
| No recollection | 6 | 4.9 | 11 | 8.5 |
| Stranger 1 (no prior relationship) | 31/116 | 26.7 | 21/119 | 17.6 |
| Stranger 2 or acquaintance (known casually) | 56/116 | 48.3 | 49/119 | 41.2 |
| Domestic violence (current/previous partner, family member) | 21/116 | 18.1 | 32/119 | 26.9 |
| Multiple assailants (more than one assailant) | 8/116 | 6.9 | 17/119 | 14.3 |
| Violence | | | | |
| No recollection | 21 | 17.2 | 31 | 23.8 |
| Any violence during assault (yes) | 73/101 | 72.3 | 79/99 | 79.8 |
| Weapon present | 20/101 | 19.8 | 12/99 | 12.1 |
| Weapon used | 16/101 | 15.8 | 9/99 | 9.1 |
| Verbal threats* | 35/101 | 34.7 | 24/99 | 24.2 |
| Time between assault and forensic examination | | | | |
| Within 48 hours of assault | 105 | 86.1 | 105 | 80.8 |
| 3–7 days after assault | 15 | 12.3 | 25 | 19.2 |

*P < 0.05.

**P < 0.01.

***The percentages in this category add to more than 100% as a number of women reported more than one type of assault.

Table 2. Genital injuries following sexual assault

| Postmenopausal women | | | | | Premenopausal women | | | |
|------------------------|----------------------|------|-------------|-----|----------------------|------|-------------|-----|
| Prevalence** | 40/107 | | | 37% | 21/124 | | | 17% |
| Frequency | <i>n</i> | Mean | SD | Max | <i>n</i> | Mean | SD | Max |
| | 35 | 2.49 | 1.38 | 6 | 17 | 1.69 | 0.95 | 4 |
| Location | <i>n</i> = 35 | | % | | <i>n</i> = 17 | | % | |
| Pubic area | 0 | | 0 | | 0 | | 0 | |
| Labia majora | 5 | | 14.3 | | 1 | | 5.9 | |
| Labia minora | 9 | | 25.7 | | 4 | | 23.5 | |
| Fourchette | 17 | | 48.6 | | 9 | | 52.9 | |
| Fossa navicularis | 8 | | 22.9 | | 3 | | 17.7 | |
| Vestibule* | 18 | | 51.4 | | 3 | | 17.7 | |
| Hymen | 4 | | 11.4 | | 0 | | 0 | |
| Vagina | 6 | | 17.1 | | 1 | | 5.9 | |
| Cervix | 0 | | 0 | | 0 | | 0 | |
| Natal cleft | 0 | | 0 | | 0 | | 0 | |
| Perianus | 3 | | 8.6 | | 2 | | 11.8 | |
| Anal margin | 1 | | 2.9 | | 1 | | 5.9 | |
| Internal anal injury | 1 | | 2.9 | | 1 | | 5.9 | |
| Type | | | | | | | | |
| Bruises** | 11 | | 31.4 | | 0 | | 0 | |
| Abrasions | 30 | | 85.7 | | 16 | | 94.1 | |
| Lacerations | 4 | | 11.4 | | 1 | | 5.9 | |
| Size | | | | | | | | |
| Abrasions | | | | | | | | |
| Small <0.6 cm | 20 | | 57.1 | | 10 | | 58.8 | |
| Medium 0.6–1 cm | 12 | | 34.3 | | 7 | | 41.2 | |
| Large >1 cm* | 7 | | 20.0 | | 0 | | 0 | |
| Lacerations | | | | | | | | |
| Small <0.6 cm | 1 | | 2.9 | | 0 | | 0 | |
| Medium 0.6–1 cm | 1 | | 2.9 | | 1 | | 5.9 | |
| Large >1 cm | 2 | | 5.7 | | 0 | | 0 | |

*P < 0.05.

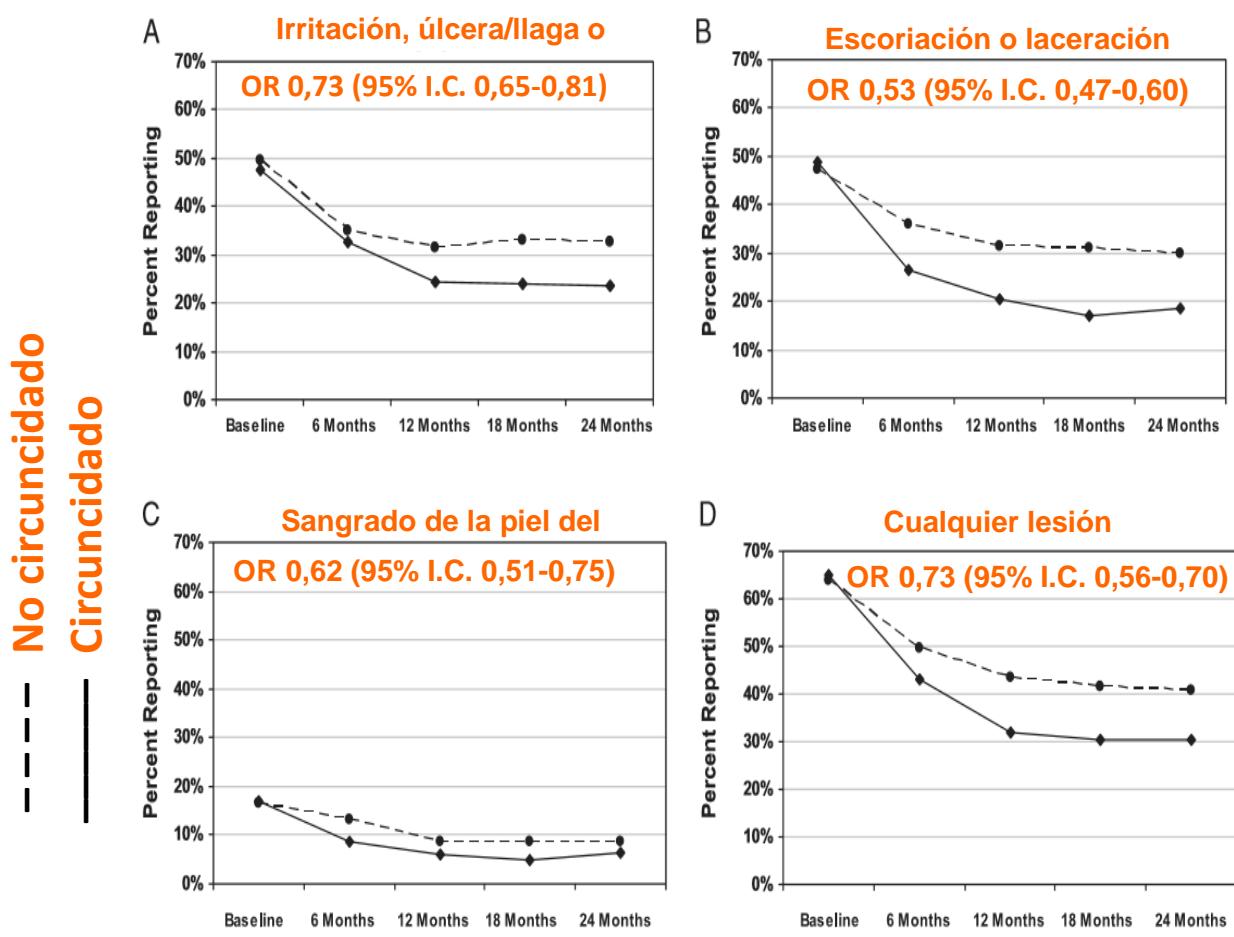
**P < 0.01.

ANEXO 8

Table 3. Results of multivariable generalized estimating equation for risks of penile coital injuries over time

| | Irritación, úlcera/llaga o dolor | Sangrado de la piel del pene | OR (95% CI) | Erosión o laceración | Cualquier lesión |
|--|---|-------------------------------------|--|-------------------------------------|-------------------------|
| | Penis Ever Sore During Sex | Skin of Penis Ever Bleeds After Sex | Abrasions, Scratches, Cuts to Penis, Ever During Sex | Any Injury to Penis During Sex Ever | |
| No. pts | 2,774 | 2,780 | 2,774 | 2,774 | |
| Circumcision status: | | | | | |
| Uncircumcised | Reference | Reference | Reference | Reference | Reference |
| Circumcised | 0.71 (0.64–0.80) | 0.62 (0.51–0.75) | 0.52 (0.46–0.59) | 0.61 (0.54–0.68) | |
| Reported age | 1.06 (1.03–1.09) | | 1.05 (1.02–1.09) | 1.07 (1.04–1.11) | |
| Marital status: | | | | | |
| Not married or living as married | | | Reference | Reference | Reference |
| Married or living as married | | | 0.75 (0.64–0.87) | 0.76 (0.66–0.87) | |
| Condom used at last sexual encounter: | | | | | |
| No | Reference | Reference | Reference | Reference | Reference |
| Yes | 0.86 (0.79–0.94) | 0.78 (0.68–0.89) | 0.75 (0.69–0.82) | 0.78 (0.71–0.85) | |
| No. sex partners in last 30 days: | | | | | |
| 0 or 1 | Reference | Reference | Reference | Reference | Reference |
| 2 or More | 1.29 (1.15–1.45) | 1.50 (1.26–1.78) | 1.38 (1.22–1.55) | 1.38 (1.23–1.54) | |
| How many hrs until washed penis after last time had sex: | | | | | |
| 1 or More | Reference | | Reference | Reference | Reference |
| Less than 1 | 0.85 (0.77–0.93) | | 0.87 (0.79–0.97) | 0.85 (0.78–0.93) | |
| Applied substances to penis before sex in last 6 mos: | | | | | |
| No | Reference | Reference | Reference | Reference | Reference |
| Yes | 1.95 (1.44–2.63) | 1.87 (1.29–2.72) | 2.28 (1.66–3.13) | 2.08 (1.54–2.83) | |
| Painful or painless genital ulcer in last 6 mos or currently (by report), or ulcer on examination: | | | | | |
| No | Reference | Reference | Reference | Reference | Reference |
| Yes | 1.59 (1.19–2.13) | 1.68 (1.16–2.45) | 1.90 (1.39–2.59) | 1.72 (1.24–2.37) | |
| HSV-2 status at baseline: | | | | | |
| Seronegative | Reference | | Reference | Reference | Reference |
| Seropositive | 1.26 (1.13–1.42) | | 1.46 (1.29–1.65) | 1.37 (1.21–1.54) | |
| Visit: | | | | | |
| Baseline | Reference | Reference | Reference | Reference | Reference |
| 6-Mo | 0.69 (0.62–0.78) | 0.77 (0.65–0.91) | 0.71 (0.63–0.79) | 0.65 (0.58–0.72) | |
| 12-Mo | 0.53 (0.47–0.60) | 0.51 (0.43–0.62) | 0.56 (0.50–0.63) | 0.46 (0.41–0.52) | |
| 18-Mo | 0.53 (0.47–0.60) | 0.46 (0.38–0.57) | 0.50 (0.44–0.57) | 0.42 (0.37–0.47) | |
| 24-Mo | 0.52 (0.46–0.60) | 0.49 (0.39–0.62) | 0.51 (0.44–0.58) | 0.42 (0.37–0.48) | |

All variables are time varying except for reported age at baseline and HSV-2 serostatus at baseline. The model for a specific outcome includes only those variables significant on multivariate analysis. All variables presented are statistically significant by Holm correction. Odds ratios in each model are adjusted for all variables presented.



Prevalence and odds ratio of reported penile coital injuries for circumcised vs uncircumcised men over time. Circumcision status is by assignment at baseline and by status at followup. Solid line represents circumcised men and broken line represents uncircumcised men. *A*, penis ever sore during sex, last 6 months. Univariate OR 0.73 (0.65–0.81). *B*, penis ever abraded, scratched or cut during sex, last 6 months. Univariate OR 0.53 (0.47–0.60). *C*, penis ever bleeds after sex, last 6 months. Univariate OR 0.62 (0.51–0.75). *D*, any penile coital injury, last 6 months. Univariate OR 0.62 (0.56–0.70).

ANEXO 9

Table 2
Proportions of Coded "Present" by Condition, p-values, Odd's Ratios and Confidence Intervals.

| Variable | Condition % | | p | OR | 95% CI | |
|--|-------------------------------|--------------------------------|--------|-------|--------|--------|
| | True allegations ^a | False allegations ^b | | | LL | UL |
| 1. Pulling victim's hair | 30 | 0 | <.0001 | 0.38 | 0.27 | 0.53 |
| 2. Unnecessarily hurting during sex | 37 | 0 | <.0001 | 0.35 | 0.25 | 0.51 |
| 3. Offender carrying weapon | 40 | 3 | <.0001 | 0.05 | 0.01 | 0.37 |
| 4. Holding victim by neck | 53 | 6 | <.0001 | 0.05 | 0.01 | 0.26 |
| 5. Threatening prior incident | 63 | 3 | <.0001 | 0.01 | 0.00 | 0.14 |
| 6. Beating victim | 50 | 6 | <.0001 | 0.06 | 0.01 | 0.30 |
| 7. Demanding goods or money | 30 | 0 | <.0001 | 0.38 | 0.27 | 0.53 |
| 8. Discovering identity | 40 | 0 | <.0001 | 0.34 | 0.23 | 0.49 |
| 9. Discovering address | 37 | 3 | <.0001 | 0.05 | 0.01 | 0.42 |
| 10. Personnel questions | 33 | 0 | <.0001 | 0.36 | 0.26 | 0.52 |
| 11. Longer than necessary | 37 | 0 | <.0001 | 0.35 | 0.25 | 0.51 |
| 12. Drug use | 40 | 0 | <.0001 | 0.34 | 0.23 | 0.49 |
| 13. Longer than 15 minutes | 57 | 3 | <.0001 | 0.02 | 0.00 | 0.19 |
| 14. Longer than 30 minutes | 37 | 0 | <.0001 | 0.35 | 0.25 | 0.51 |
| 15. Eyewitnesses | 53 | 6 | <.0001 | 0.05 | 0.01 | 0.26 |
| 16. Medical injury | 73 | 0 | <.0001 | 0.19 | 0.10 | 0.36 |
| 17. Consulting physician | 90 | 14 | <.0001 | 0.02 | 0.00 | 0.09 |
| 18. Victim washing clothes | 3 | 51 | <.0001 | 29.32 | 4.74 | 124.56 |
| 19. Victim saving evidence | 77 | 26 | <.0001 | 0.11 | 0.04 | 0.34 |
| 20. Other evidence | 80 | 6 | <.0001 | 0.02 | 0.00 | 0.08 |
| 21. Victim showering post-rape | 7 | 60 | <.0001 | 21.00 | 4.30 | 102.56 |
| 22. Permitting medical file | 50 | 94 | <.0001 | 16.50 | 3.34 | 81.45 |
| 23. Victim kept journal in the past | 3 | 57 | <.0001 | 38.67 | 4.72 | 316.67 |
| 24. Victim telling details rape | 77 | 31 | <.0001 | 0.15 | 0.05 | 0.44 |
| 25. Victim telling details spontaneous | 83 | 14 | <.0001 | 0.03 | 0.01 | 0.13 |
| 26. Victim telling events post-rape | 100 | 17 | <.0001 | 0.02 | 0.00 | 0.08 |
| 27. Victim undressing | 67 | 0 | <.0001 | 0.22 | 0.13 | 0.38 |
| 28. Fellatio | 53 | 3 | <.0001 | 0.03 | 0.00 | 0.21 |
| 29. Victim participating | 83 | 3 | <.0001 | 0.00 | 0.00 | 0.05 |
| 30. Kissing body | 60 | 14 | <.0001 | 0.11 | 0.03 | 0.37 |
| 31. Licking breasts | 60 | 0 | <.0001 | 0.20 | 0.16 | 0.42 |
| 32. Kissing afterwards | 43 | 0 | <.0001 | 0.33 | 0.22 | 0.48 |
| 33. Foreplay | 70 | 14 | <.0001 | 0.07 | 0.02 | 0.24 |
| 34. Touching breasts | 80 | 23 | <.0001 | 0.07 | 0.02 | 0.24 |
| 35. French kissing | 53 | 9 | <.0001 | 0.08 | 0.02 | 0.33 |
| 36. Attempting to flee | 60 | 9 | <.0001 | 0.06 | 0.02 | 0.25 |
| 37. Instructing to stop | 90 | 17 | <.0001 | 0.02 | 0.01 | 0.10 |
| 38. Apologising afterwards | 30 | 0 | <.0001 | 0.38 | 0.27 | 0.53 |
| 39. Friendly afterwards | 40 | 3 | <.0001 | 0.04 | 0.01 | 0.37 |
| 40. Offender reassuring victim | 53 | 6 | <.0001 | 0.05 | 0.01 | 0.26 |
| 41. Offender sexual comments self | 53 | 0 | <.0001 | 0.29 | 0.18 | 0.45 |
| 42. Offender sexual comments victim | 67 | 0 | <.0001 | 0.22 | 0.13 | 0.38 |
| 43. Asks if victim enjoys sex | 33 | 0 | <.0001 | 0.36 | 0.26 | 0.52 |
| 44. Vaginal penetration behind | 60 | 6 | <.0001 | 0.04 | 0.01 | 0.20 |
| 45. Vaginal penetration with object | 67 | 9 | <.0001 | 0.05 | 0.01 | 0.19 |
| 46. Digital penetration vagina | 63 | 9 | <.0001 | 0.05 | 0.01 | 0.22 |
| 47. Cunnilingus | 40 | 3 | <.0001 | 0.04 | 0.01 | 0.37 |
| 48. Offender masturbating himself | 57 | 6 | <.0001 | 0.05 | 0.01 | 0.23 |
| 49. Anal penetration | 37 | 0 | <.0001 | 0.35 | 0.25 | 0.51 |
| 50. Victim masturbating offender | 40 | 6 | <.0001 | 0.09 | 0.02 | 0.45 |
| 51. Fondling crotch, no penetration | 67 | 17 | <.0001 | 0.10 | 0.03 | 0.33 |
| 52. Raping multiple times | 43 | 3 | <.0001 | 0.11 | 0.01 | 0.32 |
| 53. Low tone voice | 0 | 54 | <.0001 | 23.01 | 4.09 | 100.51 |
| 54. Nose | 7 | 57 | <.0001 | 28.00 | 4.74 | 165.43 |
| 55. Inconsistencies narrative | 0 | 31 | .001 | 0.45 | 0.34 | 0.61 |
| 56. Kicking victim | 40 | 3 | .003 | 0.07 | 0.01 | 0.58 |
| 57. Prior consensual sex | 30 | 3 | .003 | 0.07 | 0.01 | 0.58 |
| 58. Stalking | 23 | 0 | .003 | 0.40 | 0.29 | 0.55 |
| 59. Longer than 1 hour | 23 | 0 | .003 | 0.40 | 0.29 | 0.55 |
| 60. Victim care | 23 | 0 | .003 | 0.40 | 0.29 | 0.55 |
| 61. Mouth | 7 | 43 | .003 | 10.50 | 1.95 | 56.56 |
| 62. Threatening not to report | 43 | 11 | .004 | 0.17 | 0.05 | 0.60 |
| 63. Offender giving personal info | 47 | 14 | .004 | 0.19 | 0.06 | 0.63 |
| 64. Stealing something | 33 | 6 | .005 | 0.12 | 0.02 | 0.61 |
| 65. Caressing | 67 | 31 | .005 | 0.23 | 0.08 | 0.65 |
| 66. Friends persuading victim report | 17 | 49 | .006 | 4.72 | 1.47 | 15.17 |
| 67. Locking in victim | 37 | 9 | .007 | 0.16 | 0.04 | 0.66 |
| 68. Biting victim's breasts | 20 | 0 | .007 | 0.41 | 0.30 | 0.55 |
| 69. Anal penetration other than penis | 20 | 0 | .007 | 0.41 | 0.30 | 0.55 |
| 70. Insulting victim | 20 | 0 | .007 | 0.41 | 0.30 | 0.55 |
| 71. Humiliating victim | 20 | 0 | .007 | 0.41 | 0.30 | 0.55 |
| 72. Threatening violence afterwards | 30 | 6 | .011 | 0.14 | 0.03 | 0.72 |
| 73. Alcohol use | 23 | 54 | .011 | 3.90 | 1.33 | 11.45 |

Table 2 (Continued)

| Variable | Condition % | | p | OR | 95% CI | |
|--|-------------------------------|--------------------------------|------|-------|--------|-------|
| | True allegations ^a | False allegations ^b | | | IL | UL |
| 74. Complimenting afterwards | 17 | 0 | .012 | 0.42 | 0.32 | 0.56 |
| 75. Ejaculation | 80 | 49 | .012 | 0.43 | 0.32 | 0.57 |
| 76. Muscular | 3 | 29 | .015 | 10.71 | 1.21 | 94.86 |
| 77. Throwing away clothes | 0 | 17 | .017 | 5.67 | 2.04 | 27.33 |
| 78. Feelings of guilt | 0 | 17 | .017 | 5.67 | 2.04 | 27.33 |
| 79. Biting victim | 17 | 0 | .017 | 0.42 | 0.31 | 0.56 |
| 80. Vaginal penetration front | 60 | 86 | .019 | 4.00 | 1.21 | 13.24 |
| 81. Complimenting during sex | 27 | 6 | .020 | 0.17 | 0.03 | 0.86 |
| 82. Teeth | 7 | 34 | .020 | 6.46 | 1.21 | 34.55 |
| 83. Chin | 7 | 34 | .020 | 6.46 | 1.21 | 34.55 |
| 84. Stealing personal item | 27 | 6 | .022 | 0.17 | 0.03 | 0.86 |
| 85. Self-initiative report | 73 | 46 | .022 | 0.31 | 0.11 | 0.87 |
| 86. Offender orgasm | 80 | 51 | .023 | 0.33 | 0.08 | 0.84 |
| 87. More than 3 days report | 10 | 31 | .026 | 4.50 | 1.12 | 18.16 |
| 88. Saliva as lubricant | 13 | 0 | .026 | 0.43 | 0.32 | 0.57 |
| 89. Tying up victim | 13 | 0 | .026 | 0.43 | 0.32 | 0.57 |
| 90. Contacting post-rape | 13 | 0 | .026 | 0.43 | 0.32 | 0.57 |
| 91. Gathering information rape | 0 | 14 | .026 | 4.48 | 1.08 | 19.43 |
| 92. Relevant info on multimedia | 10 | 31 | .030 | 4.30 | 1.07 | 17.32 |
| 93. Stealing identifiable item | 20 | 3 | .033 | 0.12 | 0.01 | 1.04 |
| 94. Victim told someone other | 33 | 11 | .033 | 0.26 | 0.07 | 0.94 |
| 95. House offender | 23 | 6 | .045 | 0.20 | 0.38 | 1.05 |
| 96. Eyes | 27 | 57 | .048 | 4.00 | 1.00 | 15.99 |
| 97. Facial hair | 40 | 31 | .050 | 0.26 | 0.07 | 1.04 |
| 98. Jewellery | 13 | 40 | .050 | 3.82 | 0.96 | 15.18 |
| 99. Ordering to masturbate | 10 | 0 | .055 | 0.44 | 0.33 | 0.58 |
| 100. Hurting victim | 53 | 31 | .062 | 0.40 | 0.14 | 1.10 |
| 101. Speech | 37 | 66 | .068 | 5.23 | 0.87 | 31.32 |
| 102. More than 1 day report | 17 | 34 | .069 | 2.86 | 0.87 | 9.43 |
| 103. Pushing victim | 80 | 60 | .070 | 0.38 | 0.12 | 1.15 |
| 104. More than 2 weeks report | 10 | 26 | .076 | 3.38 | 0.82 | 13.93 |
| 105. Victim told friend | 97 | 83 | .080 | 0.17 | 0.02 | 1.47 |
| 106. Kidnapping victim | 20 | 6 | .085 | 0.24 | 0.05 | 1.31 |
| 107. Spitting on victim | 10 | 0 | .093 | 0.44 | 0.33 | 0.58 |
| 108. House victim | 23 | 9 | .097 | 0.31 | 0.07 | 1.32 |
| 109. Chasing | 40 | 23 | .111 | 0.44 | 0.15 | 1.30 |
| 110. Hasty escape post-rape | 7 | 20 | .116 | 3.50 | 0.67 | 18.34 |
| 111. Offender asking love victim | 7 | 0 | .121 | 0.44 | 0.34 | 0.59 |
| 112. Attempting anal penetration | 7 | 0 | .121 | 0.44 | 0.34 | 0.59 |
| 113. Someone present report | 7 | 0 | .121 | 0.44 | 0.34 | 0.59 |
| 114. Refusing to watch | 7 | 0 | .121 | 0.44 | 0.34 | 0.59 |
| 115. Non relative persuading report | 7 | 0 | .121 | 0.44 | 0.34 | 0.59 |
| 116. Impressive posture | 7 | 23 | .131 | 3.50 | 0.64 | 19.30 |
| 117. Psychological care | 13 | 3 | .133 | 0.19 | 0.20 | 1.81 |
| 118. Use of drugs | 13 | 3 | .133 | 0.19 | 0.02 | 1.81 |
| 119. Transferring diary | 100 | 89 | .144 | 0.51 | 0.39 | 0.64 |
| 120. Skin shape and colour | 50 | 54 | .147 | 1.19 | 0.45 | 3.15 |
| 121. Talking to victim | 70 | 54 | .149 | 0.51 | 0.18 | 1.42 |
| 124. Victim told more than 2 | 40 | 9 | .168 | 0.52 | 0.18 | 1.49 |
| 125. Victim indicating duration | 33 | 20 | .175 | 0.50 | 0.16 | 1.54 |
| 126. Family persuading victim report | 13 | 26 | .176 | 2.25 | 0.62 | 8.23 |
| 127. Condom use offender | 0 | 6 | .184 | 1.77 | 0.38 | 1.07 |
| 128. More than 1 week report | 10 | 20 | .193 | 2.42 | 0.57 | 10.39 |
| 129. Body hair | 10 | 26 | .204 | 2.44 | 0.55 | 10.90 |
| 130. Gagging victim | 30 | 43 | .208 | 1.75 | 0.63 | 4.90 |
| 131. Park | 3 | 11 | .229 | 3.74 | 0.40 | 35.47 |
| 132. Attempting penetration behind | 10 | 3 | .232 | 0.27 | 0.03 | 2.69 |
| 133. Older than victim | 27 | 46 | .234 | 2.00 | 0.55 | 7.31 |
| 134. Restraining victim with force | 60 | 49 | .251 | 0.05 | 0.01 | 0.26 |
| 135. Massaging | 3 | 0 | .276 | 0.45 | 0.35 | 0.59 |
| 136. Thanking afterwards | 3 | 0 | .276 | 0.45 | 0.35 | 0.59 |
| 137. Spanking | 3 | 0 | .276 | 0.45 | 0.35 | 0.59 |
| 138. Trying to steal something | 3 | 0 | .276 | 0.45 | 0.35 | 0.59 |
| 139. Storage room | 13 | 6 | .290 | 0.39 | 0.07 | 2.32 |
| 140. Offender expressing love | 13 | 6 | .290 | 0.39 | 0.07 | 2.32 |
| 141. Hair colour | 47 | 54 | .314 | 1.36 | 0.51 | 3.69 |
| 142. Ears | 7 | 17 | .314 | 2.21 | 0.39 | 12.63 |
| 143. Skin particularities | 7 | 17 | .314 | 2.21 | 0.39 | 12.63 |
| 144. Pushing offender | 23 | 34 | .333 | 1.71 | 0.57 | 5.13 |
| 145. Pushing victim against object | 57 | 49 | .344 | 0.72 | 0.27 | 1.93 |
| 146. Giving pet name | 0 | 3 | .351 | 2.70 | 0.42 | 8.43 |
| 147. Attempting anal penetration other | 0 | 3 | .351 | 2.70 | 0.42 | 8.43 |
| 148. Victim burning clothes | 0 | 3 | .351 | 2.70 | 0.42 | 8.43 |

Table 2 (Continued)

| Variable | Condition % | | p | OR | 95% CI | |
|-------------------------------------|-------------------------------|--------------------------------|-------|------|--------|-------|
| | True allegations ^a | False allegations ^b | | | LL | UL |
| 149. Blindfolding victim | 0 | 3 | .351 | 2.70 | 0.42 | 8.43 |
| 150. Offender undressing | 80 | 86 | .365 | 1.88 | 0.47 | 7.41 |
| 151. Several months report | 3 | 9 | .394 | 1.55 | 0.56 | 3.48 |
| 152. Pursuing victim post-rape | 7 | 3 | .442 | 0.41 | 0.04 | 4.78 |
| 153. Closed eyes | 7 | 3 | .422 | 0.41 | 0.04 | 4.78 |
| 154. Prior reporting | 7 | 3 | .422 | 0.41 | 0.04 | 4.78 |
| 155. Disguise offender | 10 | 6 | .426 | 0.55 | 0.09 | 3.50 |
| 156. Victim told relatives | 43 | 49 | .432 | 1.24 | 0.46 | 3.29 |
| 157. Alcohol use | 33 | 37 | .477 | 1.18 | 0.43 | 3.29 |
| 158. Length | 50 | 63 | .488 | 2.05 | 0.05 | 5.16 |
| 159. Posture | 50 | 63 | .488 | 2.05 | 0.05 | 5.16 |
| 160. Acquaintance victim | 40 | 37 | .507 | 0.89 | 0.33 | 2.41 |
| 161. Age | 47 | 66 | .512 | 2.04 | 0.05 | 5.16 |
| 162. White | 37 | 46 | .513 | 1.81 | 0.21 | 3.07 |
| 163. Transferring data carrier | 100 | 91 | .524 | 0.52 | 0.41 | 0.66 |
| 164. Transportation | 23 | 29 | .533 | 1.86 | 0.24 | 3.06 |
| 165. Tinted | 13 | 14 | .537 | 1.51 | 0.18 | 3.60 |
| 166. Bushes | 33 | 31 | .540 | 0.92 | 0.32 | 2.60 |
| 167. Blackout | 3 | 7 | .558 | 1.76 | 0.15 | 20.40 |
| 168. Victim keeping journal | 3 | 6 | .558 | 1.76 | 0.15 | 20.40 |
| 169. Clothes | 47 | 60 | .566 | 0.75 | 0.12 | 4.66 |
| 170. Tearing or cutting clothes | 27 | 26 | .576 | 0.95 | 0.31 | 2.89 |
| 171. Black | 7 | 6 | .633 | 0.85 | 0.11 | 6.42 |
| 172. Alley | 7 | 6 | .633 | 0.85 | 0.11 | 6.42 |
| 173. Car | 7 | 6 | .633 | 0.85 | 0.11 | 6.42 |
| 174. Prior statement police | 7 | 6 | .633 | 0.85 | 0.11 | 6.42 |
| 175. Physical handicaps | 3 | 6 | .666 | 1.30 | 0.11 | 15.69 |
| 176. Tattoos offender | 3 | 6 | .666 | 1.30 | 0.11 | 15.69 |
| 177. Scratching offender | 7 | 9 | .774 | 1.31 | 0.20 | 8.43 |
| 178. Screaming/Calling for help | 53 | 54 | .839 | 1.04 | 0.39 | 2.76 |
| 179. Photo or film of rape | 3 | 3 | .912 | 0.85 | 0.05 | 14.25 |
| 180. Attempting penetration front | 3 | 3 | .912 | 0.85 | 0.05 | 14.25 |
| 181. Victim told friends | 57 | 57 | .969 | 1.02 | 0.38 | 2.73 |
| 182. Speaking friendly | 57 | 57 | .969 | 1.02 | 0.38 | 2.73 |
| 183. Beating offender | 17 | 17 | .973 | 1.03 | 0.28 | 3.80 |
| 184. Orgasm victim | 0 | 0 | 1.000 | 1.00 | 1.00 | 1.00 |
| 185. Stalking | 0 | 0 | 1.000 | 1.00 | 1.00 | 1.00 |
| 186. Attempting to undress | 0 | 0 | 1.000 | 1.00 | 1.00 | 1.00 |
| 187. Attempting digital penetration | 0 | 0 | 1.000 | 1.00 | 1.00 | 1.00 |

Note. CI = Confidence interval; OR = Odds ratio; LL = Lower level; UL = Upper level; Condition % = Proportion of variable coded present = 1.

^a n = 30,

^b n = 35.

Variables $p < .0001$ have a $p < .00038$.