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Improving frequency of peer review of abnormal genital exam findings in patients undergoing sexual abuse evaluation

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Background

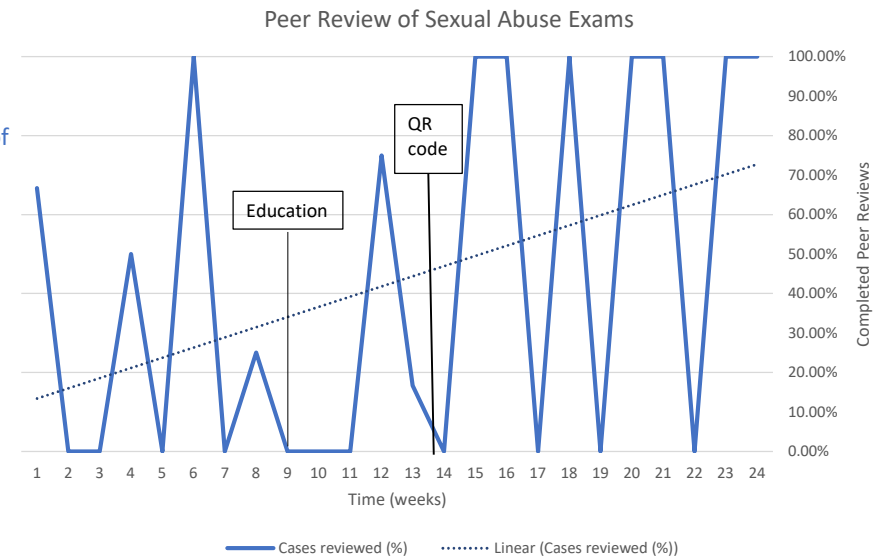
- Appropriate interpretation of sexual abuse exam findings is crucial for accurate diagnosis and provision of medical information to multidisciplinary teams.
- Mimics exist which may be misinterpreted as findings of trauma (1).
- Peer review of exam findings is an emerging standard (2) and 2023 accreditation standards for Child Advocacy Centers require peer review of 100% of findings deemed "diagnostic" of trauma (3).
- Specific aim: To increase completion of peer review of abnormal acute and non-acute genital exam findings from baseline of 27% to 75% by March 15, 2023.

Methods

- Cases eligible for review included findings of trauma, findings without expert consensus, visible signs of sexually transmitted infections, and medical mimics.
- Performed pre-intervention chart review to determine baseline.
- Provided education and developed QR code to report cases for review.
- QI methodology: used QI tools, created run chart.
- Outcome measure: Completion of peer review.
- Process measure: Number of cases reported.
- Balancing measure: Physician rating of balance of cases at case review.

Results

- 57 cases were identified for peer review.
- Our outcome measure regarding completion of peer review improved to 93% from baseline of 27%.
- Decrease in total number of cases reported – our process measure – (10/week to 5/week).
- Balancing measure of physician rating of case balance improved from 70% to 100%.



Conclusions

- Success with implementation of QR code
- Stable to improved process satisfaction
- Next Steps
 - Standardize and follow-up
 - Expand case list access
 - Monitor case reporting adherence

References

- (1) Adams JA, Farst KJ, Kellogg ND. Interpretation of Medical Findings in Suspected Child Sexual Abuse: An Update for 2018. *J Pediatr Adolesc Gynecol.* 2018 Jun;31(3):225-231. Epub 2017 Dec 30. Erratum in: *J Pediatr Adolesc Gynecol.* 2018 Dec;31(6):655. PMID: 29294380.
- (2) Starling SP, Martinez KA, Frasier LD. A Standardized Peer Review Program Improves Assessment and Documentation of Child Sexual Abuse. *Pediatr Qual Saf.* 2022 Jan 21;7(1):e522. PMID: 35071959; PMCID: PMC8782112.
- (3) National Children's Alliance. (2022). National Standards of Accreditation for Children's Advocacy Centers 2023 Edition. Available from <https://www.nationalchildrensalliance.org/ncas-standards-for-accredited-members/>