Published Research Update: June 2019 – August 2019

Child welfare

**Sibling Child Protective Services Involvement Following a Child Maltreatment Fatality**
MK Corlis, A Damashek, K Meister, H Richardson… - *Child Maltreatment*, 2019

… Sibling Child Protective Services Involvement Following a Child Maltreatment Fatality. McKenna Corlis, Amy Damashek, Kate Meister, Hilary Richardson, and Barbara Bonner … Explore More. Sibling Child Protective Services …

**Improving the Child Welfare System To Respond to the Needs of Substance-Exposed Infants**
SW Patrick, RG Frank, E McNeer, BD Stein - *Hospital Pediatrics*, 2019

… 5. The already overburdened child welfare system is facing new demands made on it by the opioid crisis … For example, West Virginia, the state with the highest rate of opioid overdose death and NAS, 10 also has the highest …

**Violence and Abuse: Battered Child**
A Argo, GL Re, EV Spagnolo, A Calandra… - *Radiology in Forensic …*, 2020

… Differences also exist within countries and child death rates are several times higher in disadvantaged populations than wealthier communities; this is also true for hospital admissions, with children from deprived …

**Who's Watching the Children? Caregiver Features Associated with Physical Child Abuse versus Accidental Injury**

… Each child’s case was reviewed and classified by a 9-member medical expert panel (MEP) as abuse, accident, or indeterminate using predefined … We used 3 metrics to mark injury severity: abnormal GCS score, admission to the …

**Preventing Infant Maltreatment with Predictive Analytics: Applying Ethical Principles to Evidence-Based Child Welfare Policy**
P Lanier, M Rodriguez, S Verbiest, K Bryant, T Guan… - *Journal of Family Violence*, 2019

… Two examples from Maryland exemplify this issue. First, parental rights cannot be terminated for a caregiver culpable in a child’s death if the caregiver is not the child’s biological or adoptive parent. In a case reviewed and documented by the …
Self-harm and violent criminality linked with parental death during childhood
MJ Carr, PLH Mok, S Antonsen, CB Pedersen... - Psychological Medicine, 2019

... We found elevated risk across all categories of cohort members who experienced parental death during childhood. Fig. 1. Hazard ratios (HRs) for later violent criminality and self-harm by child's age when parental death occurred ...

An Epidemiologic Examination of Perpetrators of Fatal Child Maltreatment Using the National Violent Death Reporting System (NVDRS)
AA Hunter, S DiVetro, L Schwab-Reese, M Rifon - Journal of Interpersonal Violence, 2019

Fatal child maltreatment in the United States increased 12.9% from 2013 to 2016. Parents are the predominant perpetrators, underscoring the need to examine risk factors associated with this class of offenders. This study examined the relationship ...

Brain death of an infant caused by a penetrating air gun injury
G Simon, V Heckmann, D Tóth, Z Kozma - Legal Medicine, 2019

... After the operation, the child was treated in the intensive care unit (ICU) with symptoms of brain death. He had no spontaneous breathing, complete areflexia was observed, and the pupils remained unresponsive. Hypothermia ...

Conceptualizing and testing the vicious cycle in child protective services: The critical role played by child maltreatment fatalities
MJ Camasso, R Jagannathan - Children and Youth Services Review, 2019

... Before 1992 and the reauthorization of the Child Abuse Prevention and Treatment Act (CAPTA), states were not required to include information on child death review (CDR) in their reporting (US Department of Health and Human Services, 2018) ...

Evaluation of the effect of the child protection act on serious child physical abuse in Taiwan
IJ Chou, SS Kong, TT Chung, LC See, CF Kuo, JJ Lin... - Child Abuse & Neglect, 2019

... Therefore, we estimated the secular trends in the incidence rate of child maltreatment requiring hospitalization from 1996 to 2013, and the in-hospital death proportions before and after 2003. First, we hypothesized that the trend ...

Child Safety, Safe sleeping, Accident and Injury Prevention

Safer Sleeping and Reducing the Risk of Sudden Infant Death Syndrome Guidelines
T Lead, LPT Lead, C Fishwick - 2019

... Kathy Hammond Lead Practice Teacher for Public Health Nursing(PHN) LPT Lisa Hydes Child Death Review Manager LPT Liz Food Lead Practice Teacher for PHN and CONI Co-ordinator LPT Karen House Specialist ...

MEM Soto, JC Love, DC Pinto, JM Wiersema... - Journal of forensic sciences, 2019

... of evidence-based research for coroners/medical examiners and clinicians in the recognition and diagnosis of child abuse. RR estimates were employed to quantify the relationship between individual autopsy findings to ...
**Child Housing Assessment for a Safe Environment (CHASE): a new tool for injury prevention inside the home**

WC Shields, AC Gielen, S Frattaroli, RJ Musci… - Injury Prevention, 2019

… have led to an extensive body of evidence about effective home safety modifications (eg, smoke alarms cut the risk of death in a … to reduce home injury risk to children.24–27 Another widely cited example of successfully …

**Origins of disparities in preventable child mortality in England and Sweden: a birth cohort study**

A Zylbersztejn, R Gilbert, A Hjern, P Hardelid - Archives of Disease in Childhood, 2019

… also amenable to preventive public health measures, such as advice on safe sleeping practices or smoking cessation programmes.11 However, comparisons of SIDS mortality are susceptible to bias due to intercountry …

**Investigation of Child Restraint System (CRS) Misuse: Passive and Active Educational Interventions**

JA Mansfield - 2019

… Year and Degree 2019, Doctor of Philosophy, Ohio State University, Biomedical Engineering. Abstract Motor vehicle crashes (MVCs) are a leading cause of death in children. Child restraint systems (CRS) are effective at protecting children in MVCs …

**Child Safety Seat Compatible Apparel System**


… If the child is secured in their car seat and their cover has fallen off then they are exposed to the frigid temperatures, wind, and snow. This could lead to frost bite, hypothermia and death. Response times of rescue units could be considerable …

**Cancer Related deaths and terminal illness**

**Differences in Advance Care Planning and Circumstances of Death for Pediatric Patients Who Do and Do Not Receive Palliative Care Consults: A Single-Center …**

K Harmoney, EM Mobley, S Gilbertson-White… - Journal of Palliative …, 2019

… nurse practitioner, and nurse clinician, all of whom had certification in palliative care and collaborated with spiritual services, child life specialists, social … This study was conducted to identify differences in ACP preferences and outcomes …

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**Does Pediatric Palliative Care Involvement Influence Location of Death?**

J Solano, M Singh, AK Sherman, J Linebarger - 2019

… Location of death discussions were more likely to occur if a palliative care team was involved. MeSH Keywords. Palliative Care; Intensive Care Units, Pediatric; Hospice Care; Child; Infant; Adolescent; Death. Keywords. Dying …
Residential exposure to electromagnetic fields during pregnancy and risk of child cancer: A longitudinal cohort study
N Auger, M Blodeau-Bertrand, S Marcoux, T Kosatsky - Environmental Research, 2019

… of the lack of evidence, we assessed the association between residential proximity to electromagnetic field sources and the risk of child cancer in a … Children were followed from birth until the first hospitalization for cancer …

Parent-Child Communication in a Childhood Cancer Context: A Literature Review.
H Son - Pediatric Nursing, 2019

… Page 4. 132 PEDIATRIC NURSING/May-June 2019/Vol. 45/No. 3 ing from diagnosis to the death of the child from cancer … Some parents discussed diagnosis or impending death to prepare their child to accept death and cope with it (Gaab et al., 2013; Kars et al., 2015) …

Pediatric cancer patients' treatment journey: Child, adolescent, and young adult cancer narratives
N Kuntz, A Anazodo, V Bowden, L Sender, H Morgan - Journal of Pediatric Nursing, 2019

… Pediatric cancer patients' treatment journey. Child, adolescent, and young adult cancer narratives … Abstract. Purpose. The National Cancer Institute has acknowledged that for children, adolescents and young adults (AYAs) …

Bereavement and loss

Is Death Taboo for Children? Developing Death Ambivalence as a Theoretical Framework to Understand Children's Relationship with Death, Dying and Bereavement
S Paul - Children & Society, 2019

… Nevertheless, Christ (2000) identifies that cognitive, emotional and social aspects of development are also important in shaping a child's response to death; a child's understanding of death thus varies according to their experiences …

Helping Children Deal with Death
A Penny - Children and Young People Now, 2019

… 3 Prioritise sustainable funding for local child bereavement services to provide guidance to parents and children's professionals before and after children experience a death, and specialist support to children including those who are vulnerable and traumatised …

[PDF] Family bereavement: A case study of controlled organ donation after circulatory death
W Walker, M Sque - 2019

… shared the importance of connecting with others who had experienced death, especially the death of their own child. R's family said that they had chosen to share their experience of … Bellali T, Papadatou D. (2006). Parental grief following the brain death of a child: does …
Sudden Death

An Integrated Analysis of Maternal-Infant Sleep, Breastfeeding, and Sudden Infant Death Syndrome Research Supporting a Balanced Discourse
KA Marinelli, HL Ball, JJ McKenna, PS Blair - Journal of Human Lactation, 2019

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[PDF] P017 Blue baby blues—a case report; implications of maternal selective serotonin reuptake inhibitor use for sudden infant death syndrome
P Mulholland, A Simpson, J Coutts - 2019

... This hypothesis somewhat correlates with the 'triple-risk model' for Sudden Unexpected Death in Infancy (SUDI), which describes three important risk factors; a critical development period, an exogenous stressor and an ...

Comparing the Risk of Sudden Unexpected Infant Death to Common Causes of Childhood Injury Death
DR Roehler, EK Batra, KP Quinlan - The Journal of Pediatrics, 2019

... These mechanisms of death are responsible for some of the most preventable causes of child injury death ... Due to improvements in child death scene investigations and more frequent autopsies, we know that many infants die in the beds of their parents ...

MARRSIDS: Monitoring Assistant to Reduce the Risk of Sudden Infant Death Syndrome
XL Gallo, S Lechón, S Mora, D Vallejo-Huanga - 2019 XXII Symposium on Image ..., 2019

... sleeps. The monitoring assistant executes a sound alarm if it identifies that the child is in an incorrect position ... effective. Index Terms—Sudden Infant Death Syndrome, Artificial Vi- sion, OpenCV, Pattern Recognition I. INTRODUCTION ...

Sudden death in childhood and adolescence
M Al-Adnani, S George, A Marnerides - Diagnostic Histopathology, 2019

... Keywords: ancillary investigations. cerebral palsy. child. death. kennedy guidelines. post mortem. SUDC. Introduction ... Children are supposed to outlive their parents. The death of a child can have many adverse effects on the family unit ...

[HTML] Sudden infant death syndrome (SIDS) and the routine otoacoustic emission infant hearing screening test: an epidemiological retrospective case–control study
PS Blair, D Rubens, A Pease, D Mellers, J Ingram... - BMJ Open, 2019

... Setting Telephone interviews with families recruited in England between July 2016 and October 2017 who experienced the unexpected death of a child <4 years old since 2008 and control families recruited from maternity wards in Bristol and Birmingham ...

Sudden death of a preschool child diagnosed by postmortem examination
S Kozawa, M Nata - Journal of Forensic and Legal Medicine, 2019

An autopsy case of sudden death due to pulmonary arterial hypertension (PAH) in a 5-year-old boy whose cause of death was not determined during autopsy, but was later determined by postmortem examination, is presented. The boy developed ...
USA’s experience with sudden unexpected infant death and sudden death in the young case registries
CK Shapiro-Mendoza, C Cottengim - 2019

… The US registries are built on the National Center for Fatality Review and Prevention’s Child Death Review programme infrastructure.6 The Child Death Review programme benefits from teams of multidisciplinary …

Child Mortality and post mortem

Coroner calls for national policy for managing asthma after death of 10 year old
C Dyer - 2019

… She said his death together with that of Sophie and the asthma related death of 13 year old Tamara Mills showed the need to revisit guidelines and … We hope this matter is given appropriate weight at national level to drive change and prevent future child asthma deaths.” …

Determination of and Difficulties with Brain Death
JW Bales, LJ Kim - Fundamentals of Neurosurgery, 2019

… care training. The first examination determines the child has met the accepted neurologic examination criteria for brain death. The second examination confirms brain death based on an unchanged and irreversible condition …

Role of post mortem computed tomography in diagnosis of upper cervical fractures in child due to road accident: A case report and literature review
S Salerno, S Zerbo, A Vinci, A Lanzarone, G Baldino… - Medico-Legal Journal, 2019

… Request Permissions. View permissions information for this article. View. Explore More. Role of post mortem computed tomography in diagnosis of upper cervical fractures in child due to road accident: A case report and literature review …

Model for Assessment of Child Mortality under Different Parity: A Bayesian Swatch
A Tripathi, GP Singh, A Singh - Journal of Biosciences and Medicines, 2019

… The present study is an attempt to model child death in such a way that we get estimate of child mortality according to the parity of mothers … 1 n i ij j Y Z = = ∑ with possible values 0, 1, 2, ∙∙∙, n and it shows the number of child death experienced by ith women …

Automatically determining cause of death from verbal autopsy narratives
S Jeblee, M Gomes, P Jha, F Rudzicz, G Hirst - BMC Medical Informatics and Decision ..., 2019

… Automatically determining cause of death from verbal autopsy narratives … Background. A verbal autopsy (VA) is a post-hoc written interview report of the symptoms preceding a person's death in cases where no official cause …

P174 A study of end of life care algorithms following the death of a child in a tertiary paediatric hospital
AP Worrall, E Gallagher, M O'Reilly, M Twomey… - 2019

Aims Prompt communication with all professionals involved in the care of a child who has died is essential. To aid this, Our Lady's Children's Hospital Crumlin (OLCHC), has developed a pan departmental algorithm to provide guidance. The When a …
Perinatal deaths

**When a Child Dies in the PICU: Practice Recommendations From a Qualitative Study of Bereaved Parents**
AE Butler, B Copnell, H Hall - Pediatric Critical Care Medicine, 2019

Objectives: Around the world, the PICU is one of the most common sites for hospitalized children.

**Supporting Muslim families before and after a death in neonatal and paediatric intensive care units**
A Al Mutair, M Al Ammary, LA Brooks, MJ Bloomer - Nursing in Critical Care, 2019

… Parents appreciate opportunities to create memories with their child prior to death, as well as practices or rituals to mark the death of their child (Butler et al., 2015) … For others, a child’s death prompted them to seek support from …

Suicide

**Maternal drug-related death and suicide are leading causes of post-partum death in California**
S Goldman-Mellor, CE Margerison - American Journal of Obstetrics & Gynecology, 2019

… scope of this study, this finding warrants further exploration in other samples, including examining the nature of these interactions to identify predictors of maternal death and/or points of intervention … well-child visits include a depression screen for the mother …