

1. Task Number 110912CCC3141		2. Investigator's ID 2723		<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>
3. Office Code 840	4. Date of Accident YR MO DAY 2011 05 22	5. Date Initiated YR MO DAY 2011 09 13		
6. Synopsis of Accident or Complaint UPC A three month old male infant was found unresponsive in a drop side crib with bumper pads after being put down for a nap on his stomach. He was found by his mother three hours later unresponsive. The crib had other items inside with the infant including a cigarette lighter, pillow, blankets, a stuffed animal and a rag. Cause & manner undetermined. MPR/PRVLR NOTIFIED COMMENTS: YES <input checked="" type="checkbox"/> NO OVERRULED: ATTACHED EXCISES/FOIA EXEMP. <u>3, 5, 25C, 6,</u> Revisions <u>1, 7D,</u> <input checked="" type="checkbox"/> DO NOT REINOTIFY <input type="checkbox"/> REINOTIFY <u>12/05/2011-again</u> <u>no crib mfg identified</u>				
7. Location (Home, School, etc) 1 - HOME		8. City SAN ANTONIO		9. State TX
10A. First Product 1543 - Cribs		10B. Trade/Brand Name UNKNOWN		10C. Model Number UNKNOWN
10D. Manufacturer Name and Address UNKNOWN				
11A. Second Product 1542 - Baby Mattresses Or Pads		11B. Trade/Brand Name UNKNOWN		11C. Model Number UNKNOWN
11D. Manufacturer Name and Address NONE				
12A. Hispanic or Latino 2 - No	12B. Race 2 - Black/African American Other:		12C. Race Source 3 - Official Document	
13. Age of Victim 203	14. Sex 1 - Male	15. Disposition 8 - Death	16. Injury Diagnosis 71 - Other/NS/No inj	
17. Body Part(s) Involved 87 - N.S./UNK	18. Respondent 3 - 2nd Hand Info Only	19. Type of Investigation 2 - Telephone	20. Time Spent (Operational / Travel) 13.5 / 0	
21. Attachment(s) 9 - Multiple Attachments		22. Case Source 12 - MECAP		23. Sample Collection Number
24. Permission to Disclose Name (Non NEISS Cases Only) <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes for Manuf. Only <input type="radio"/> Verbal <input type="radio"/> Written				
25. Review Date 10/25/2011	26. Reviewed By 8631		27. Regional Office Director Frank J. Nava	
28. Distribution Nelson, Theresa			29. Source Document Number X1190012A	



**IDENTITY OF RESPONDENTS:**

1. Bexar County Medical Examiner's Office



2. Bexar County Sheriff's Office  
Detective



RANDALL E. FROST, M.D.  
Chief Medical Examiner

D. KIMBERLEY MOLINA, M.D.  
Deputy Chief Medical Examiner

JENNIFER J. RULON, M.D.  
Medical Examiner



ELIZABETH A. PEACOCK, M.D.  
Medical Examiner

RAJESH P. KANNAN, M.D.  
Medical Examiner

**BEXAR COUNTY MEDICAL EXAMINER'S OFFICE**  
7337 LOUIS PASTEUR  
SAN ANTONIO, TEXAS 78229-4565  
(210) 335-4000  
FAX (210) 335-4002

## ***AUTOPSY REPORT***

Case No. [REDACTED]

Name: [REDACTED] Age: 3 mos. Race: B Sex: M

Date & Time of Autopsy: 23 May 2011 @ 9:00 a.m.

### **GENERAL EXAMINATION**

The decedent is first examined at Bexar County Forensic Science Center on 05/23/11. When first examined, the decedent is clothed in a cut-away onesie, predominately white, and a white disposable diaper. The body is submitted on a green hospital sheet.

### **EXTERNAL EXAMINATION**

The body is that of an infant male, whose appearance is compatible with the recorded age of 3 months. As submitted, the body weighs 6,150 g (50<sup>th</sup> percentile) and is 60 cm in overall length (between 25<sup>th</sup> and 50<sup>th</sup> percentile). The fronto-occipital circumference is 40 cm, the crown-rump length is 41 cm, the chest circumference is 41 cm, the abdominal circumference is 41 cm, and the right foot is 9.0 cm in length. There is fixed anterior lividity of normal color with marked blanching over the forehead extending to the nose and mouth region.

The scalp hair is fine, black, wavy, and a maximum of 2 inches long. The anterior fontanel is open and neither bulging nor sunken. The eyes are closed and the irides are dark. The ears, nose, and lips are atraumatic. There is drying and darkening of the lips but no injury is present. There is an endotracheal tube protruding from the mouth, held in place by adhesive tape.

The neck is symmetrical and stable. The chest and abdomen are of normal contour, and there are defibrillator pads present on the anterior and posterior chest. The limbs are equal and symmetrically developed, and there is an intramedullary line present in the right proximal tibia region, an intravascular access line in the right antecubital fossa region, a blood pressure cuff around the left lower extremity at the knee, and there is a pulse oximeter present on the left great toe. There are three EKG pads present on the trunk.

Full body radiographic images show no bony injury.

110912CCC3141  
Attachment #4  
1 of 4

## IDENTIFYING MARKS AND SURFACE FEATURES

There is a light area of Mongolian spot over the sacral region.

## INTERNAL EXAMINATION

**HEAD AND CENTRAL NERVOUS SYSTEM:** Reflecting the scalp reveals a symmetrical petechial pattern of lividity on either side of the anterior aspect of the anterior fontanel. No scalp hemorrhage or impact site is seen. The brain weighs 680 g and is notable for two areas of hemosiderin staining of the arachnoid membrane, one just to the right of midline in the parietal region and one further back on the left near the occipital region. There is no subdural hemorrhage and no direct injury to the brain. Sectioning reveals lack of myelination appropriate to age and normal deep brain structures.

**NECK:** The bony, cartilaginous, and soft tissues of the anterior neck structures are uninjured and unremarkable.

**BODY:** The body is opened through a standard Y-shaped incision. The thorax, pericardium, and peritoneum contain no abnormal collections of fluid. The organs are in their normal anatomic positions. There are no injuries or abnormalities identified of the axial or appendicular skeletal components. The average thickness of the body wall fat at the level of the umbilicus is less than ½ inch. The skeletal muscles seen at autopsy appear normal.

**CARDIOVASCULAR SYSTEM:** The heart weighs 32 g and is of normal configuration. The great vessels are normally connected, and the coronary arteries appear normally placed. The myocardium itself is firm, tan-red, and the chambers are of appropriate size. The four major valves are normal in appearance. The aorta is flexible, and the ductus is closed. The foramen ovale is guarded.

**RESPIRATORY SYSTEM:** The right and left lungs weigh 66 and 61 g, respectively. The airways, vessels, pulmonary parenchyma, and pleural surfaces are unremarkable without evidence of infection, neoplasia, or injury.

**HEPATOBIILIARY SYSTEM:** The liver weighs 251 g and is normal externally and with sectioning. The gallbladder is intact and contains a scant amount of liquid bile without stones.

**ALIMENTARY SYSTEM:** The esophagus and stomach are intact. The stomach contains approximately 3 oz of curdled white, slightly pink-tinged fluid. The serosa of the small bowel and colon are unremarkable. The appendix is present. The pancreas is normal externally and with sectioning.

**GENITOURINARY SYSTEM:** The right and left kidneys weigh 22 and 21 g, respectively. Each is covered by an intact, which strips easily to reveal a slightly lobulated renal surface. Longitudinal sectioning reveals normal cortex, medullae, and collecting systems without evidence of dilation of the ureters. The urinary bladder is intact and contains a small amount of residual urine and an unremarkable urothelial lining and bladder wall. The prostate gland is infantile.

110912CCC3141  
Attachment #4  
2 of 4

**LYMPHORETICULAR SYSTEM:** The spleen weighs 15 g and is normal externally and with sectioning. A 31 g thymus is present over the anterior superior mediastinum and is unremarkable externally and with sectioning. Lymph nodes throughout the thorax and neck are not prominent. There are prominent but normal appearing mesenteric lymph nodes.

**ENDOCRINE SYSTEM:** The thyroid gland is unremarkable. The adrenal glands, together, weigh 5 g and have no retained fetal cortex.

### **MICROSCOPICS**

Sections of lung show patent airways, vessels and alveoli. There are two small bronchioles that are notable for slight chronic inflammatory infiltrate, in band like fashion, under the mucosa, but not extending to the alveoli. Sections of brain, heart, liver, kidneys, thymus, upper airway, thyroid, spleen, lymph nodes and adrenals show normal histology.

**FINDINGS**

- I. Toxicology results: Diphenhydramine = 2.4 mg/L in thoracic aorta blood
- II. Fixed anterior lividity with blanching over face and nose
- III. No evidence of acute injury
- IV. Hemosiderin staining of the arachnoid membranes at vertex, consistent with birth artifact

**CONCLUSION**

Based on anatomic findings at autopsy and investigational information available at this time, it is our conclusion that [REDACTED] a 3 month old infant male, died as a result undetermined causes. He had an elevated level of diphenhydramine, but the specimen was taken from the thoracic aorta, making interpretation of the significance of that concentration difficult. There was no evidence of significant injury.

**MANNER OF DEATH:** Undetermined.

[REDACTED] M.D.

Medical Examiner

[REDACTED]

[REDACTED] M.D.

Chief Medical Examiner

[REDACTED] M.D.

Deputy Chief Medical Examiner

[REDACTED] M.D.

Medical Examiner

[REDACTED]

[REDACTED] M.D.

Medical Examiner

EAP:ol

Original: file



BEXAR COUNTY MEDICAL EXAMINER'S OFFICE

7337 LOUIS PASTEUR
SAN ANTONIO, TEXAS 78229-4565
(210) 335-4000
FAX (210) 335-4002



"Accredited by the National Association of Medical Examiners"

Handwritten signature

TOXICOLOGY REPORT

ME Case #: [Redacted] Age: 3 Mons 26 Days
Decedent: [Redacted] Type: Autopsy
Exam Date: 5/23/2011 Completed Date: 7/13/2011
Staff Pathologist: [Redacted] M.D.

[ ] No toxicology testing requested

Table with 5 columns: Assay, Sample, Analyte, Amount, Instrument. Rows include ELISA tests for Cocaine Metabolite, Opiates, Benzodiazepines, Cannabinoids, Fentanyl, Oxycodone/Oxymorphone, and Alkaline tests for Diphenhydramine, Doxylamine, Dextromethorphan, and Atropine.

110912CCC3141
Attachment #5
1 of 2 Page: 1 of 2



Handwritten mark



**BEXAR COUNTY MEDICAL EXAMINER'S OFFICE**

7337 LOUIS PASTEUR  
SAN ANTONIO, TEXAS 78229-4565  
(210) 335-4000  
FAX (210) 335-4002



*"Accredited by the National Association of Medical Examiners"*

Assay	Sample	Analyte	Amount	Instrument
Alkaline Quantitation/ Confirmation	Blood-Thoracic Aorta	Diphenhydramine	2.4 mg/L	GC/FID; GC/MSD

