

**BOARD OF MEDICOLEGAL INVESTIGATIONS
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(405) 239-7141 Fax (405) 239-2430

Eastern Division
1115 West 17th
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(918) 582-0985 Fax (918) 585-1549

Re _____ Co _____

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By _____

Date _____

REPORT OF INVESTIGATION BY MEDICAL EXAMINER

| | | | | |
|---|-----------------|--------------------------|---------------|----------|
| DECEDENT First-Middle-Last Names (Please avoid use of initials) RONALD RAY JOHNSON | Age 0 Day(s) | Birth Date 07/15/2005 | Race WHITE | Sex M |
|---|-----------------|--------------------------|---------------|----------|

HOME ADDRESS - No. - Street, City, State
1106 GLADE, OKLAHOMA CITY, OK

| | | |
|---|--------------------|---------------|
| EXAMINER NOTIFIED BY - NAME - TITLE (AGENCY, INSTITUTION, OR ADDRESS) CHAPLIN MCLAROY OU CHILDRENS | DATE 07/15/2005 | TIME 23:06 |
|---|--------------------|---------------|

| | | | | | |
|--|-----------------------|--------------------|------------------------------|--------------------|---------------|
| INJURED OR BECAME ILL AT (ADDRESS) OKLAHOMA COUNTY JAIL | CITY OKLAHOMA CITY | COUNTY OKLAHOMA | TYPE OF PREMISES JAIL | DATE 07/15/2005 | TIME 21:30 |
| LOCATION OF DEATH OU CHILDRENS HOSPITAL | CITY OKLAHOMA CITY | COUNTY OKLAHOMA | TYPE OF PREMISES HOSPITAL | DATE 07/15/2005 | TIME 22:36 |
| BODY VIEWED BY MEDICAL EXAMINER 901 N. STONEWALL | CITY OKLAHOMA CITY | COUNTY OKLAHOMA | TYPE OF PREMISES MORGUE | DATE 07/16/2005 | TIME 10:00 |

IF MOTOR VEHICLE ACCIDENT: DRIVER PASSENGER PEDESTRIAN

TYPE OF VEHICLE: AUTOMOBILE LIGHT TRUCK HEAVY TRUCK BICYCLE MOTORCYCLE OTHER: _____

| DESCRIPTION OF BODY | RIGOR | LIVOR | EXTERNAL OBSERVATION | | NOSE | MOUTH | EARS |
|-------------------------------|---|--|---|--|--------------------------|--------------------------|--------------------------|
| | | | | | BLOOD | OTHER | |
| EXTERNAL PHYSICAL EXAMINATION | Jaw <input type="checkbox"/> Complete <input type="checkbox"/> Neck <input type="checkbox"/> Absent <input type="checkbox"/> Arms <input type="checkbox"/> Passing <input type="checkbox"/> Legs <input type="checkbox"/> Passed <input type="checkbox"/> Decomposed <input type="checkbox"/> | Color _____ Lateral <input type="checkbox"/> Posterior <input type="checkbox"/> Anterior <input type="checkbox"/> Regional _____ | Beard _____ Hair _____ Eyes: Color _____ Mustache _____ Opacities _____ Pupils: R _____ L _____ Body Length _____ Body Weight _____ | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Significant observations and injury documentations - (Please use space below)
SEE AUTOPSY PROTOCOL

Probable Cause of Death:

EXTREME PREMATURITY (21-22 WEEKS GESTATION)

Due To: **PREMATURE RUPTURE OF MEMBRANES**

Due To: **CHORIOAMNIONITIS**

Other Significant Medical Conditions:

MATERNAL METHAMPHETAMINE ABUSE

Manner of Death:

Natural Accident
Suicide Homicide
Unknown Pending

Case disposition:

Autopsy Yes No

Authorized by MEDICAL EXAMINER

Pathologist JEFFERY GOFTON M.D.

Not a medical examiner case

MEDICAL EXAMINER:

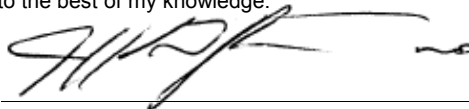
Name, Address and Telephone No.

JEFFERY GOFTON M.D.

901 N. STONEWALL

OKLAHOMA CITY, OK 73117

I hereby state that, after receiving notice of the death described herein, I conducted an investigation as to the cause and manner of death, as required by law, and that the facts contained herein regarding such death are true and correct to the best of my knowledge.



Signature of Medical Examiner

JEFFERY GOFTON M.D.

10/31/2005

Date

Computer generated report

0501369



Board of Medicolegal Investigations
Office of the Chief Medical Examiner
 901 N. Stonewall
 Oklahoma City, Oklahoma 73117
 (405) 239-7141 Voice
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CERTIFICATION
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 By _____
 Date _____

REPORT OF AUTOPSY

| | | | | | | |
|---|-------------------|--------------------------------|-------------------|--|-----------------------------|---------------------------|
| Decedent RONALD RAY JOHNSON | Age 0 D | Birth Date 7/15/2005 | Race WH | Sex M | Autopsy No 565-05 | Case No 0501369 |
| Type of Death Unattended during fatal illness | Means | ID By HOSPITAL | | Authority for Autopsy JEFFERY GOFTON, M.D. | | |
| Present at Autopsy STEVE MULLINS | | | | | | |

PATHOLOGICAL DIAGNOSIS

- I. Premature male approximately 21 to 22 weeks gestation (+/- two weeks) based on crown-rump length, crown-heel length, toe-heel length and internal organ weights
- II. No congenital abnormalities
- III. Placenta, membranes with chorioamnionitis

Comment: This premature male infant was born to a mother who had been incarcerated. Reportedly, the mother had complained of cramping prior to delivery.

Examination of the infant revealed an extremely premature child, approximately 21 to 22 weeks gestation. Examination of the placenta revealed microscopic changes consistent with chorioamnionitis, which could be responsible for premature rupture of membranes and pre-term delivery. Toxicology was negative for ethyl alcohol. Analysis of the child's heart blood revealed the presence of methamphetamine (0.13 mcg / mL) and amphetamine (less than 0.06 mcg / mL). Analysis of liver tissue revealed the presence of methamphetamine (0.43 mcg / g) and amphetamine (less than 0.12 mcg / g). The presence of methamphetamine in this child indicates maternal methamphetamine use.

The cause of death in this case is felt to be due to extreme prematurity as a result of premature rupture of membranes and chorioamnionitis. The manner of death is regarded to be natural.

CAUSE OF DEATH:

**EXTREME PREMATUREITY (21-22 WEEKS GESTATION) DUE TO PREMATURE RUPTURE OF MEMBRANES DUE TO CHORIOAMNIONITIS
 OSC: MATERNAL METHAMPHETAMINE ABUSE**

The facts stated herein are true and correct to the best of my knowledge and belief.

OCME Central Division 7/16/2005 10:00 AM

JEFFERY GOFTON, M.D. Pathologist Location of Autopsy Date and Time of Autopsy

EXTERNAL EXAMINATION

AUTOPSY NO. ML 565-05

CASE NO. 0501369

| DESCRIPTION | | | | | | | | | |
|---|--------|------|---|------|-----------------|-----------|-------|----------|-------------|
| Height | Weight | Eyes | Pupils | | Opacities, Etc. | Hair | Beard | Mustache | Circumcised |
| 25 cm. | 310 gm | | R mm | L mm | | | | | |
| RIGOR (jaw, neck, back, legs, arm, chest, abd., complete) | | | LIVOR (color, anterior, posterior, lateral, regional) | | | Body Heat | | | |
| ABSENT | | | ABSENT | | | COOL | | | |

The body is that of a premature infant who is unclad with male genitalia and an attached portion of umbilical stump measuring 9 cm in length, which has been medically clamped. There are no other remaining signs of medical intervention. The head is normocephalic and atraumatic. The eyes are fused closed. The ears, nose and mouth are intact and there appears to be no obvious facial congenital abnormality. The neck, chest, abdomen and back are intact and atraumatic. The arms, hands, legs and feet are intact and atraumatic with no congenital abnormalities. The anal and genital regions are intact and atraumatic with no congenital malformation.

Other body measurements are as follows:

- Crown-rump = 17.5 cm
- Foot length = 3.5 cm
- Ear length = 1.4 cm
- Head circumference 18 cm
- Abdominal circumference = 13.5 cm
- Chest circumference = 14.5 cm

Submitted separately in a gray plastic container labeled with the infant's mother name and medical record number is a placenta with membranes and umbilical cord attached. The placenta weighs 135 gm, and measures 12 x 12 x 1.5 cm. The placenta appears to be normally formed with no evidence of infarction or abruption. The fetal surface of the placenta is blue-gray and without evidence of meconium staining. The amniotic membranes are inserted circumferentially with a single focus of purple blood coagulum adherent along one edge measuring 8 x 2 x 0.5 cm. The remainder of the amniotic membranes are tan-gray and translucent with a single focus of rupture.

The umbilical cord has a central insertion, measures 26.5 cm in length, 1 to 0.8 cm in diameter, and has a yellow-tan color. Multiple serial sections through the umbilical cord reveal three vessels.

GROSS EXAMINATION

AUTOPSY NO. ML 565-05

CASE NO. 0501369

The body is opened through the customary "Y" shaped incision.

Subcutaneous fat is normally distributed, moist, scant and pale tan. The musculature through the chest and abdomen is rubbery, maroon, and shows no gross abnormality.

The sternum is removed in the customary fashion. The organs of the chest and abdomen are in normal position and relationship. The liver edge extends 1 cm below the right costal margin at the midclavicular line. The diaphragms are intact bilaterally.

PARIETAL PLEURA:

Smooth, glistening membrane without associated adhesions or abnormal effusions.

PERICARDIUM:

Is a smooth, glistening, intact membrane, and the pericardial cavity, itself, contains the normal amount of clear, straw-colored fluid.

PERITONEUM:

Smooth, glistening membrane in both the abdominal and pelvic cavities. The peritoneal cavity contains no abnormal fluid or adhesions.

HEART:

Weighs 3 gm. It has a normal configuration and location. There are no adhesions between the parietal and visceral pericardium, and the latter is a smooth, glistening, fat laden characteristic membrane. The coronary arteries arise and distribute normally. The coronary ostia are normally located and widely patent. The chambers and atrial appendages are unremarkable. The valves are normally formed and measure as follows: tricuspid 1.5 cm, pulmonic 0.9 cm, mitral 1.5 cm, and aortic 0.8 cm. The endocardium is a smooth, gray, glistening, translucent membrane uniformly. The myocardium is intact, rubbery, and red-tan, with the left ventricle measuring 0.3 cm, the septum measuring 0.3 cm, and the right ventricle measuring 0.3 cm. The papillary muscles and chordae tendineae are intact and unremarkable. The arch of the aorta is classically formed with no congenital malformation. Other great vessels also arise and distribute normally and are widely patent.

NECK ORGANS:

Musculature is normal, rubbery, and maroon, and the organs are freely movable in a midline position. The tongue is intact and normally papillated, without evidence of tumor or hemorrhage. The hyoid bone is intact. The thyroid cartilage is intact and without abnormality. The thyroid gland is symmetric, rubbery, light tan to maroon, and in its normal position without evidence of neoplasm. The epiglottis is a characteristic plate-like structure which shows no evidence of edema, trauma, or other gross pathology. The larynx is comprised of unremarkable vocal cords and folds, is widely patent without foreign material, and is lined by a smooth, glistening membrane. There are no petechiae of the epiglottis, laryngeal mucosa, or thyroid capsule.

THYMUS:

No significant tissue is identified grossly.

LUNGS:

The right lung weighs 6 gm, and the left weighs 4 gm. Visceral pleurae are smooth, glistening, and intact with no anthracosis and no congenital malformation. The overall configuration is normal. The trachea is widely patent and lined by characteristic pink membrane. Likewise, the major bronchi and bronchioles bilaterally are patent, normally formed, and contain no significant occlusive material. The pulmonary arterial tree is free of emboli or thrombi. The parenchyma is uniformly spongy, varies from pink-tan to dark purple, and exudes moderate amounts of blood and clear, frothy edema fluid from its cut surfaces. There is no evidence of consolidation, granulomatous, or neoplastic disease. Hilar lymph nodes are within normal limits with relation to size, color, and consistency.

G.I. TRACT:

The entire gastrointestinal system appears to be normally formed without evidence of congenital abnormality or malrotation. The esophagus shows an unremarkable mucosa, a patent lumen, and no evidence of gross pathology. The esophagogastric junction is unremarkable. The stomach is of normal configuration, is lined by a smooth, glistening, intact mucosa, has an unremarkable wall and serosa, and contains a scant amount of clear mucus which has passed to the duodenum. The duodenum, itself, is patent, shows an unremarkable mucosa and no evidence of acute or chronic ulceration. Jejunum and ileum are unremarkable and contain soft brown fecal material. There is no Meckel's diverticulum. The ileocecal valve is intact and unremarkable. The appendix is present and unremarkable. The colon is examined segmentally and shows no evidence of neoplasm or trauma. There are no diverticula. Anus and rectum are unremarkable.

LIVER:

Weights 18 gm. It is of normal configuration, rubbery, tan, and intact. Cut surface shows no pathology.

GALLBLADDER:

Lies in its usual position, contains liquid bile, no calculi, and shows a normal mucosa. The biliary tree is intact and patent without evidence of neoplasm or calculi.

PANCREAS:

Lies in its normal position, shows a normal configuration, and is pink-tan and characteristically lobulated with no apparent gross pathology.

SPLEEN:

Weights 1 gm. The capsule is intact. The organ is rubbery, maroon, and shows characteristic follicular pattern.

ADRENALS:

Lie in their usual location, show yellow cortices and tan to gray medullae.

KIDNEYS:

The right kidney weighs 1 gm and the left weighs 1 gm. Both are configured normally with no abnormality. Sections show the organs to be moderately congested with unremarkable cortices, medullae and pelves. Ureters and blood vessels are patent and unremarkable.

URINARY BLADDER:

Contains no urine. Its serosa and mucosa are unremarkable.

MALE GENITALIA:

The testes are bilaterally present at the pelvic rim within the abdominal cavity and appear to be infantile without pathologic change. The investing membranes are unremarkable as is the epididymis.

BRAIN AND MENINGES:

The scalp is opened through the customary intermastoid incision and shows a dark purple cephalohematoma extending across the parieto-occipital region measuring 5 x 4 cm. The calvarium is opened through the unfused sutures, and is intact without evidence of osseous disease. The brain weighs 55 gm. Dura and leptomeninges are smooth, glistening, translucent, and unremarkable without evidence of trauma. Cranial nerves and circle of Willis arise and distribute normally and show no significant pathology. Externally the brain is of an infantile configuration, soft and symmetric, and multiple serial sections reveal infantile myelination with a clear, yellow cystic structure involving the choroids plexus of the lateral left and right ventricles posteriorly, measuring 1 cm and 1.5 x 1.0 cm, respectively. The ventricular system is symmetric, but the lateral ventricles appear to be slightly dilated. The base of the skull is intact without osseous abnormality.

RIBS:

Intact.

PELVIS:

Intact.

VERTEBRAE:

Intact.

BONE MARROW:

Moist and dark red. Unremarkable.

MICROSCOPIC EXAMINATION

AUTOPSY NO. ML 565-05

CASE NO. 0501369

Representative sections of the central nervous system, heart, lungs, kidney, liver and spleen demonstrate characteristics consistent with a gestational age of 21 to 22 weeks.

The central nervous system demonstrates no histopathologic changes.

The heart demonstrates no histopathologic changes.

Representative section of lungs demonstrates pulmonary vascular congestion. There are occasional aggregates of acute inflammatory cells within the alveolar sacs.

Representative section of liver demonstrates sinusoidal congestion and marked extramedullary hematopoiesis.

Representative sections of the adrenal glands, gastrointestinal system and testes demonstrate no significant histopathologic changes.

Representative sections of the umbilical cord demonstrate three vessels without evidence of an inflammatory process.

Representative sections of the amniotic membranes demonstrate varying degrees of neutrophilic and histiocytic infiltration ranging from moderate to severe.

Representative sections of the placenta also demonstrate moderate to severe inflammation of the amniotic surface.



October 31, 2005
JJG/ns

JEFFERY GOFTON, M.D.

**BOARD OF MEDICOLEGAL INVESTIGATIONS
OFFICE OF THE CHIEF MEDICAL EXAMINER**

901 N.Stonewall
Oklahoma City, Oklahoma 73117

REPORT OF LABORATORY ANALYSIS

OFFICE USE ONLY

Re. _____ Co. _____

I hereby certify that this is a true and correct copy of the original document. Valid only when copy bear im-print by the office seal.

By _____

Date _____

ME CASE NUMBER: 0501369

LABORATORY NUMBER: 052178

DECEDENT'S NAME: RONALD RAY JOHNSON

DATE RECEIVED: 07/18/2005

MATERIAL SUBMITTED: BLOOD, LIVER, BRAIN

HOLD STATUS: 1 YEAR

SUBMITTED BY: JEFFERY GOFTON M.D.

MEDICAL EXAMINER: JEFFERY GOFTON M.D.

NOTES:

ETHYL ALCOHOL:

Blood:

Vitreous:

Other: LIVER - NEGATIVE

CARBON MONOXIDE

Blood:

TESTS PERFORMED:

LIVER BASES

LIVER EIA*

*This test does not detect Oxycodone, Methadone, Lorazepam, or Nitrobenzodiazepines

RESULTS:

BLOOD (HEART)

METHAMPHETAMINE - 0.13 MCG/ML

AMPHETAMINE - < 0.06 MCG/ML

LIVER

METHAMPHETAMINE - 0.43 MCG/G

AMPHETAMINE - < 0.12 MCG/G

09/07/2005

DATE

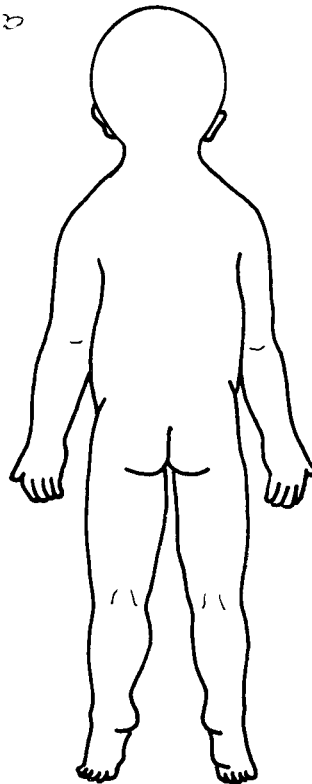
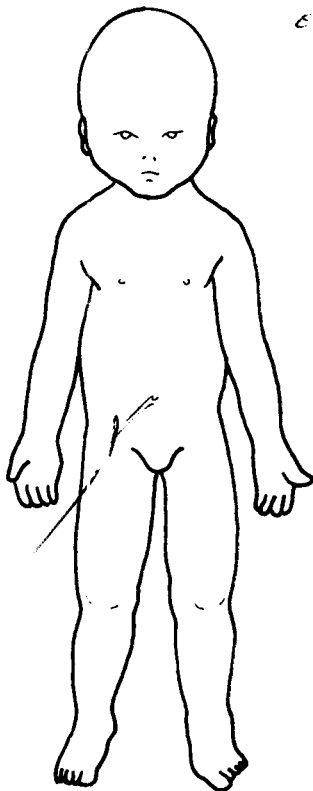


PHILIP KEMP, Ph.D., DABFT, Chief Forensic Toxicologist

INFANT - VENTRAL, DORSAL, AND LEFT AND RIGHT LATERAL VIEWS

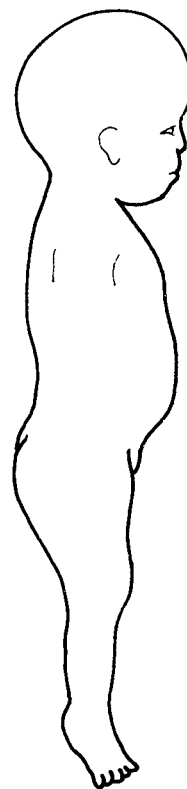
FINE DARK HAIR

EYES FUSED CLOSED



UMBILICAL
STUMP
9cm long

MACROGENITALIA



WEIGHT 310 gm

CROWN-HEEL 25cm

CROWN-RUMP 17.5cm

FOOT 3.5cm

EAR 1.4cm

HEAD CIRCUMFERENCE - 18cm

PERIMETER ABDOM. CIRCUMFERENCE - 13.5cm

CHEST CIRCUMF. - 14.5cm

NO CLINICAL

RIFID ABSENT

SEPARATE CONTAINER
WITH PLACENTA

Name JOHNSON, BABY BOY

Case No. OS02369 (585-05)