

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

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By _____

Date _____

REPORT OF INVESTIGATION BY MEDICAL EXAMINER

DECEDENT First-Middle-Last Names (Please avoid use of initials) SERENITY DEAL	Age 5	Birth Date 5/12/2006	Race WHITE	Sex F
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HOME ADDRESS - No. - Street, City, State
843 EAST DRIVE, OKLAHOMA CITY, OK

EXAMINER NOTIFIED BY - NAME - TITLE (AGENCY, INSTITUTION, OR ADDRESS) DET. DAVIS - OCPD	DATE 6/4/2011	TIME 15:44
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INJURED OR BECAME ILL AT (ADDRESS) 843 EAST DRIVE	CITY OKLAHOMA CITY	COUNTY OKLAHOMA	TYPE OF PREMISES RESIDENCE	DATE Unknown	TIME Unknown
LOCATION OF DEATH 843 EAST DRIVE	CITY OKLAHOMA CITY	COUNTY OKLAHOMA	TYPE OF PREMISES RESIDENCE	DATE 6/4/2011	TIME 9:16
BODY VIEWED BY MEDICAL EXAMINER 901 N. STONEWALL	CITY OKLAHOMA CITY	COUNTY OKLAHOMA	TYPE OF PREMISES MORGUE	DATE 6/6/2011	TIME 11:30

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
EXTERNAL PHYSICAL EXAMINATION	Jaw	<input checked="" type="checkbox"/> Complete	<input type="checkbox"/>	Color	PURPLE	Beard			
	Neck	<input checked="" type="checkbox"/> Absent	<input type="checkbox"/>	Lateral	<input type="checkbox"/>	Hair			
	Arms	<input checked="" type="checkbox"/> Passing	<input checked="" type="checkbox"/>	Posterior	<input checked="" type="checkbox"/>	Eyes: Color	HAZ-GRN	Mustache	
	Legs	<input checked="" type="checkbox"/> Passed	<input type="checkbox"/>	Anterior	<input type="checkbox"/>	Opacities			
		Decomposed	<input type="checkbox"/>	Regional		Pupils: R 5MM L 5MM			
						Body Length	44 INCHES	Body Weight	25KG

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

*Probable Cause of Death:***ACUTE CLOSED HEAD INJURY**Due To: **ASSAULT***Other Significant Medical Conditions:***MULTIPLE BLUNT FORCE INJURIES; PACEMAKER***Manner of Death:*

Natural ☐ Accident ☐
Suicide ☐ Homicide ☒
Unknown ☐ Pending ☐

*Case disposition:*Autopsy Yes ☒ No ☐Authorized by MEDICAL EXAMINERPathologist ERIC PFEIFER M.D.Not a medical examiner case ☐**MEDICAL EXAMINER:**

Name, Address and Telephone No.

ERIC PFEIFER 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

ERIC PFEIFER M.D.

Computer generated report

1102162

8/16/2011

Date Signed

6/7/2011

Date Generated



Board of Medicolegal Investigations
Office of the Chief Medical Examiner
 901 N. Stonewall
 Oklahoma City, Oklahoma 73117
 (405) 239-7141 Voice
 (405) 239-2430 Fax

CERTIFICATION

I hereby certify that this document is a true and correct copy of the original document. Valid only when copy bears imprint of the office seal.

By _____

Date _____

REPORT OF AUTOPSY

Decedent SERENITY DEAL	Age 5	Birth Date 5/12/2006	Race WH	Sex F	Case No 1102162
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Type of Death Violent, unusual or unnatural	Means	ID By	Authority for Autopsy ERIC PFEIFER, M.D.
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Present at Autopsy

FINDINGS

I. Acute traumatic closed head injury.

II. Multiple additional blunt force injuries, including bilateral rib fractures, and multiple contusions, abrasion, ecchymosis and lacerations of body (see Evidence of Recent Injuries below)

CAUSE OF DEATH: ACUTE CLOSED HEAD INJURY
DUE TO: ASSAULT

OSC: MULTIPLE BLUNT FORCE INJURIES; PACEMAKER
MANNER OF DEATH: HOMICIDE

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

OCME Central Division 6/6/2011 11:30 AM

ERIC PFEIFER, M.D. Pathologist Location of Autopsy Date and Time of Autopsy

Description of Clothing:

The body of the decedent is received in sealed, white plastic body bag. There is no clothing.

Evidence of Recent Medical Intervention:

None.

Body Marks – Non-Recent Injuries (including tattoos, scars and jewelry):

- A small, subtle apparent irregular shape scar vs. postmortem artifact (0.6 cm in greatest dimension) is present on the mid forehead
- 2 x 1 cm old, irregular shaped scar is present on the left dorsal and distal forearm
- Two old linear scars are present on the lower chest and abdomen
- A hard object, with a cardiac pacer device is palpable inferior to the lower scar

Both lower ears appear to have had piercings in the past. All ten toenails are painted (see photographs).

There is an apparent area of skin slippage (oval shaped, 2 cm in greatest dimension) on the right upper buttock area.

See also CME-1B1, 1B2, 1B3, 1B12, 1B14, 1B15, AND 1B16.

Evidence of Recent Injuries:

1. Acute traumatic closed head injury
 - A. Galeal and subgaleal hemorrhage, extensive, bilateral
 - B. Subdural and subarachnoid hemorrhages, bilateral
 - C. Edema of brain, severe, generalized
 - D. No evidence of meningitis, or superior sagittal sinus thrombosis
 - E. Autopsy negative for skull fractures, or cervical spine injury
2. Lacerations of back of head, (x2)
 - A. Right vertex area, measuring 1.3 x 0.5 x 0.3 cm in depth
 - B. Right occipital area, measuring 0.4 x 0.4 x 0.1 cm in depth
3. Raised ecchymosis (hematomas) of scalp of left and right forehead, confluent, extensive; the right sided area has an overlying abrasion measuring 1.3 x 1 cm, irregularly shaped, non-patterned
4. Ecchymosis of left head, red-blue, extending from left forehead posteriorly to cover the left frontal, temporal, parieto-occipital area.
5. Abrasion measuring 1.2 x 1 cm, red, irregularly shaped, non-patterned of left head, level of superior extent of left ear, 3 cm anterior to ear.
6. Abrasion measuring 1.3 x 0.7 cm, red, irregularly shaped, non-patterned, of right proximal chin
7. Abrasion measuring 1.2 x 1 cm left face, below eye and lateral to the nose, irregularly shaped non-patterned.
8. Ecchymosis, (multiple), irregular and non-patterned of right and left face (see photographs and diagrams).
9. Contusion measuring 0.5 x 0.5 cm, blue-red, irregularly shaped, of buccal aspect of upper right lip.
10. Abrasions, (x2), of inferior chin, near midline, curvilinear, non-patterned, superficial measuring 0.9 and 1 cm in length, respectively.
11. Abrasion measuring 4 cm in length of right upper chest, approximately level of axilla, linear, thin, superficial, non-patterned.
12. Ecchymosis, multiple, upper abdomen (see photographs), red, small, irregularly shaped, non-patterned.
13. Ecchymosis (3 x 3 cm) of proximal right lateral arm, blue, irregularly shaped, non-patterned.

EVIDENCE OF RECENT INJURIES CONTINUED

14. Ecchymosis (3 x 3 cm) of proximal right lateral arm, blue, irregularly shaped, non-patterned.
15. Abrasions, multiple, of left lateral distal arm, irregularly shaped, non-patterned, small.
16. Contused abrasion measuring 1.5 x 0.5 cm, left lateral proximal arm, red-blue, irregularly shaped, non-patterned.
17. Ecchymosis, approximately 1.5 cm in greatest dimension, left dorsal hand, purple, irregularly shaped non-patterned.
18. Large, irregular, roughly circular, ring-like ecchymosis (approximately 9 x 11 cm) present on the left flank with an irregular shape, central ecchymosis.
19. Fractures of ribs, bilateral, posterior, (right #8 through #11; left #9 through #11), with associated surrounding recent interstitial hemorrhages.
20. Multiple red-blue, irregularly shaped, non-patterned ecchymosis of left flank. The subcutaneous soft tissue underlying these areas shows some focal hemorrhages.
21. Multiple, red-blue, irregularly shaped, non patterned ecchymosis of right flank. The subcutaneous soft tissue underlying these areas shows some focal hemorrhages.
22. An abrasion measuring 4 x 0.7 cm, red-blue, somewhat linear shaped, non-patterned, of left flank, mid-axillary line.
23. Ecchymosis, blue-red, of upper and lower back (see photographs), multiple, irregularly shaped, non-patterned.
24. Ecchymosis, (blue, purple to red-brown), of both anterior, upper and lower extremities (see photographs), multiple, irregularly shaped, non-patterned.
25. Ecchymosis, blue-red, of upper and lower back (see photographs), multiple, irregularly shaped, non-patterned.
26. Abrasions, left posterior upper back, shoulder area and left posterior elbow (see photographs), multiple, irregularly shaped, non-patterned.
27. Ecchymosis, multiple of both anterior and upper extremities (see photographs and diagrams), blue-red, irregularly shaped, non-patterned.

EVIDENCE OF RECENT INJURIES CONTINUED

28. Ecchymosis of buttock area, red-blue, extending to cover the right upper buttock and lower back, crossing the midline to involve a portion of the mid left buttock, non-patterned.
29. Abrasion measuring 4.0 x 0.6 cm of posterior left mid-thigh region, irregularly shaped and non-patterned.
30. Abrasion group, patterned, right lower back approximately 10 cm above the gluteal crease, consisting of multiple spaced superficial linear abrasions, each approximately 0.5 cm long, spaced 4 to 5 mm apart (see photographs).

EXTERNAL EXAMINATION:

Body weight: 25 kg.

Height: 44 inches

GENERAL - Development: normally anatomically developed female child of reported age of 5 years

Nutrition: Normal

Hydration: The skin and subcutaneous tissues appear relatively dry

Rigor: Passing, in all extremities, jaw and neck

Livor: Purple-Posterior

SKIN - (see also Body Marks, above) – No jaundice. The skin feels dry.

HEAD – Hair: Brown, slightly curly. Multiple objects noted with lice nits present.
There is a small area of apparent alopecia measuring 3 x 2.5 cm present on the posterior parieto-occipital area of the scalp.

Eyes: Conjunctivae: no jaundice; petechial hemorrhages not present

Sclerae: petechial hemorrhages not present

Iris color: Hazel/green

Pupils: equal diameter, each side 5 mm each

Ears: Normally formed, without blood or other fluid in the external auditory canal.

Nose: Normally formed, without blood in nares. Septum intact. There is some apparent dried mucus exiting the right nare.

Mouth: Lips are normally formed with no blood or other fluid or obstruction visible externally or in mouth cavity. Native dentition in good condition. Both upper and lower frenulums are intact. There is a recent injury to the buccal aspect of the upper right lip. (See above, under Evidence of Recent Injuries), for detail.

NECK - Normal, without palpable mass.

CHEST - Normally developed, symmetric, without palpable abnormality. Normal female breast development for age.

ABDOMEN - Normally developed, without palpable mass or fluid.

BACK - No deformities.

EXTREMITIES - No clubbing, edema, or deformities.

INTERNAL EXAMINATION

The body is opened through the customary “Y” shaped incision. The subcutaneous fat appears dry, but otherwise, normal. The musculature of the chest and abdomen appears dry, but normally textured, colored and shows no gross abnormality. The sternum is removed in the customary fashion.

The scalp is opened through the customary intermastoid incision and shows no trauma. The calvarium is removed through the use of an oscillating saw and is intact without evidence of osseous disease. The brain is removed (see below) and the base of the skull is intact without osseous abnormality. The spinal cord is removed using an anterior approach to the spinal canal.

A pacemaker device (Medtronic Adapta S (SN PWA207906H) is present in the soft tissue of the upper anterior abdominal wall, with two leads extending superiorly to the heart. The device and leads appear to be intact.

CENTRAL NERVOUS SYSTEM

Brain weight: 1245 g.

Edema: Severe, generalized with pronounced vascular engorgement of the cerebral convexities.

The gross anatomical structure of the brain, its dura and leptomeninges are architecturally normal. A small amount of clotted subdural blood is present, bilaterally, in the vicinity of the superior sagittal sinus. No sinus thromboses are seen. A patchy subarachnoid hemorrhage is present on the cerebral convexities near the falx. The brain is symmetric, and severely swollen. There are no midline shifts or herniations. The cranial nerves and circle of Willis arise and distribute normally and are otherwise unremarkable. Multiple coronal cut surfaces of the brain show edematous brain tissue, without mass, hemorrhage, or contusion. Cut surfaces of the cerebellum and brainstem appear normal, without hemorrhages, mass, or herniation. The ventricular system is normal. The spinal cord appears grossly normal.

There are no grossly visible optic nerve or nerve sheath hemorrhages.

GENERAL ORGAN RELATIONSHIPS (IN-SITU) - normal.

NECK

The neck is negative for strap muscle hemorrhage, and cartilaginous/osseous injury of airway. There are no airway obstructions. The hyoid bone is intact. The thyroid is of normal size and shape and without nodules. No parathyroid abnormalities are seen. There are no visible cervical fractures.

RIBS and STERNUM – There are multiple, recent, posterior rib fractures (see Evidence of Recent Injuries, above).

PERICARDIUM – Moderate fibrous adhesions, no fluid. No usual effusion

THORACIC AORTA- Normal, without aneurysm.
No atherosclerosis.

TRACHEA- Smooth, tan-pink mucosa with some non-obstructing material resembling the stomach contents present in the distal portion and in the carinal area.

PLEURAL CAVITIES – Negative for effusion. Negative for adhesions. Pleurae are smooth and shiny.

8

ABDOMINAL CAVITY, RETROPERITONEUM AND PELVIS

PERITONEUM – Smooth, shiny surfaces, without adhesion.
No effusion.
No hemoperitoneum

OMENTUM and MESENTARY – Normal.

RETROPERITONEAL SPACE – No masses or hemorrhage.

STOMACH – Normal size and shape, with normal mucosa. No ulcers.
Contents: 88 g, tan-yellow thin fluid with numerous white and yellow particles
resembling vegetable matter (?corn + other).

DUODENUM, JEJUNUM, ILEUM (small intestines): No duodenal ulcers. Normal
mucosa with normal folds.

COLON – Normal size and shape, normal mucosa, without mass, without polyps,
without hemorrhage.
Appendix present/absent.

RECTUM – Normal mucosa, without mass, polyps, or erosions. No evidence of
traumatic injury.

LIVER – Weight 454 g. Normal architecture, with tan-brown/yellow cut surface.
No masses.

GALLBLADDER – Present.
Velvety, green mucosa, without stones.
Bile ducts appear patent.

ABDOMINAL CAVITY, RETROPERITONEUM AND PELVIS CONTINUED

PANCREAS – Normal size and shape, without mass, fat necrosis, or hemorrhage.

SPLEEN – Weight 31 g. Normal architecture and cut surface. No masses.

ADRENAL GLANDS – Right = 4 grams, left 3 grams. Both are normal, without mass or hemorrhage.

KIDNEYS – Right weight 49g; left weight 54g.
Normal architecture, capsular and cut surface, without cysts or stones.
Renal artery and veins and ureters are normal.

BLADDER - Normal mucosa without trabeculations.
No urine present at prosection.

ABDOMINAL AORTA – Normal, without aneurysm.
No atherosclerosis.

PELVIS – Intact.

VERTEBRAE

The vertebrae are intact. The bone marrow therein appears normal.

FEMALE GENITALIA


The female genitalia externally show no evidence of recent trauma. The hymen of this decedent is perforate, with a single 6 mm midline opening. There is no evidence of recent traumatic injury. The uterus, cervix, ovaries and fallopian tubes are unremarkable.

End of External and Internal Description

MICROSCOPIC EXAMINATION

Histological Preparations (Slides):

- A: superior sagittal sinus of dura: acute interstitial hemorrhage; negative for thrombosis; negative for meningitis; normal appearing lymph node.
- B: spinal cord: scattered red blood cells in the subarachnoid space.
- C: brain stem: scattered extravasated red blood cells in the arachnoid mater.
- D: cerebellum: scattered extravasated red blood cells in the arachnoid mater.
- E: right superior medial frontal gyrus: scattered extravasated red blood cells in the arachnoid mater.
- F: corpus callosum: unremarkable H&E section.
- G: right cerebral convexity: extensive extravasated red blood cells in the arachnoid mater.
- H: heart, anteroseptal left ventricle: unremarkable.
- I: liver, pancreas, spleen: the liver, and pancreas are unremarkable; the spleen shows reactive germinal centers.
- J: right kidney: unremarkable.
- K: right and left lungs: aspiration of plant material (food) focally; no vital reaction.
- L: bone marrow: normocellular, trilineage hematopoiesis.
- M, N: left ribs (8, 9) in area of fractures: recent fractures; no evidence of natural osseous disease process; acute interstitial hemorrhage of surrounding skeletal muscle; normocellular marrow with trilineage hematopoiesis.

A handwritten signature in black ink, appearing to read 'EP', followed by a series of slanted, parallel strokes, and ending with the letters 'MD'.

August 16, 2011
EP/ad

ERIC PFEIFER, M.D.

PATHOLOGICAL DIAGNOSES
(Continued)

A handwritten signature in black ink, appearing to read "EP" followed by a series of slanted, parallel strokes, and ending with "MD".

EP/ad

ERIC PFEIFER, 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. _____

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and correct copy of the original
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bear im-print by the office seal.

By _____

Date _____

ME CASE NUMBER: 1102162

LABORATORY NUMBER: 111948

DECEDENT'S NAME: SERENITY DEAL

DATE RECEIVED: 6/8/2011

MATERIAL SUBMITTED: BLOOD, VITREOUS, LIVER, GASTRIC

HOLD STATUS: 5 YEARS

SUBMITTED BY: JASON SNIDER

MEDICAL EXAMINER: ERIC PFEIFER M.D.

NOTES:

ETHYL ALCOHOL:

Blood:

Vitreous: NEGATIVE

Other:

CARBON MONOXIDE

Blood:

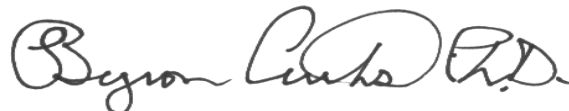
TESTS PERFORMED:

NO OTHER TESTS PERFORMED

RESULTS:

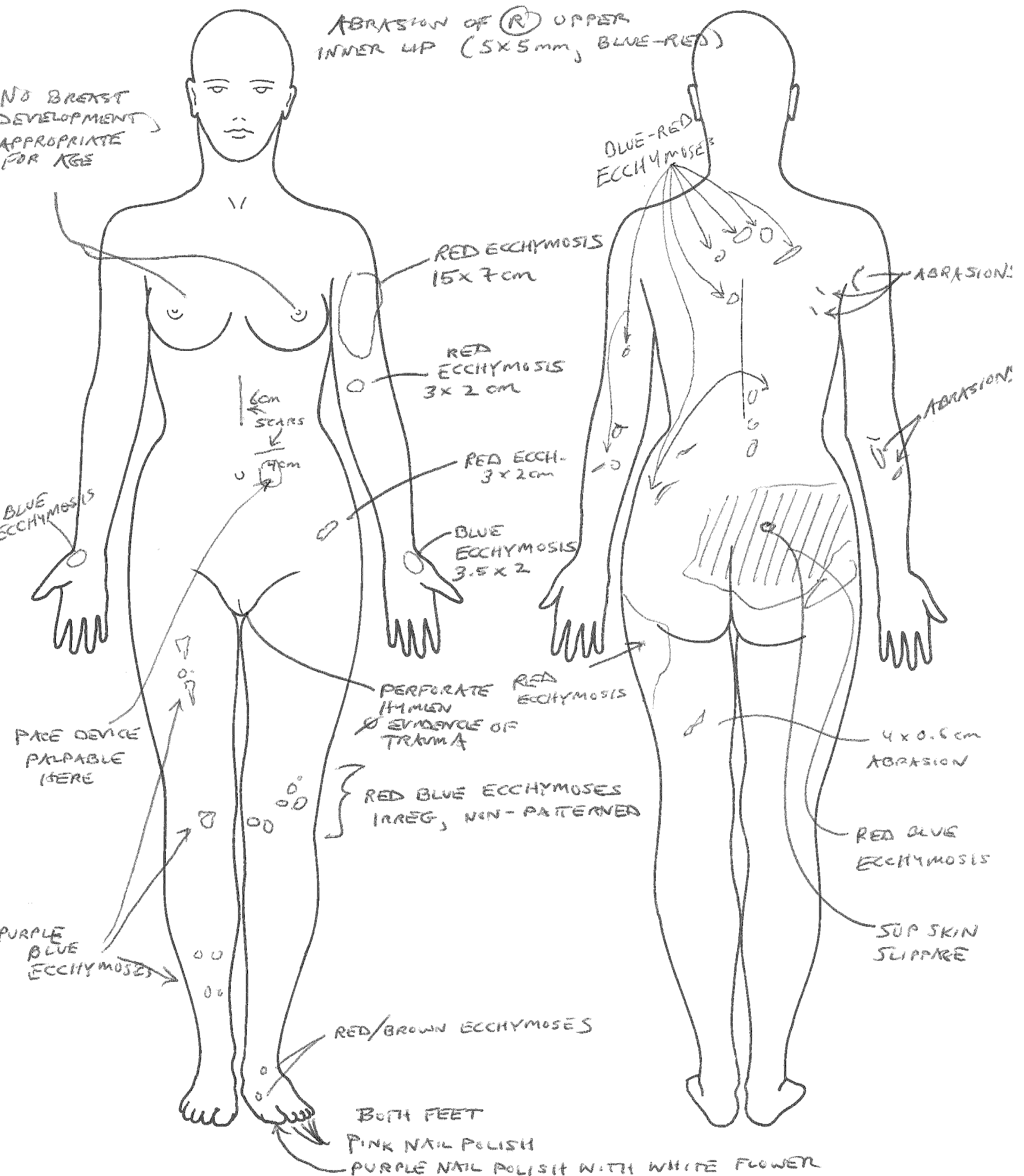
06/15/2011

DATE

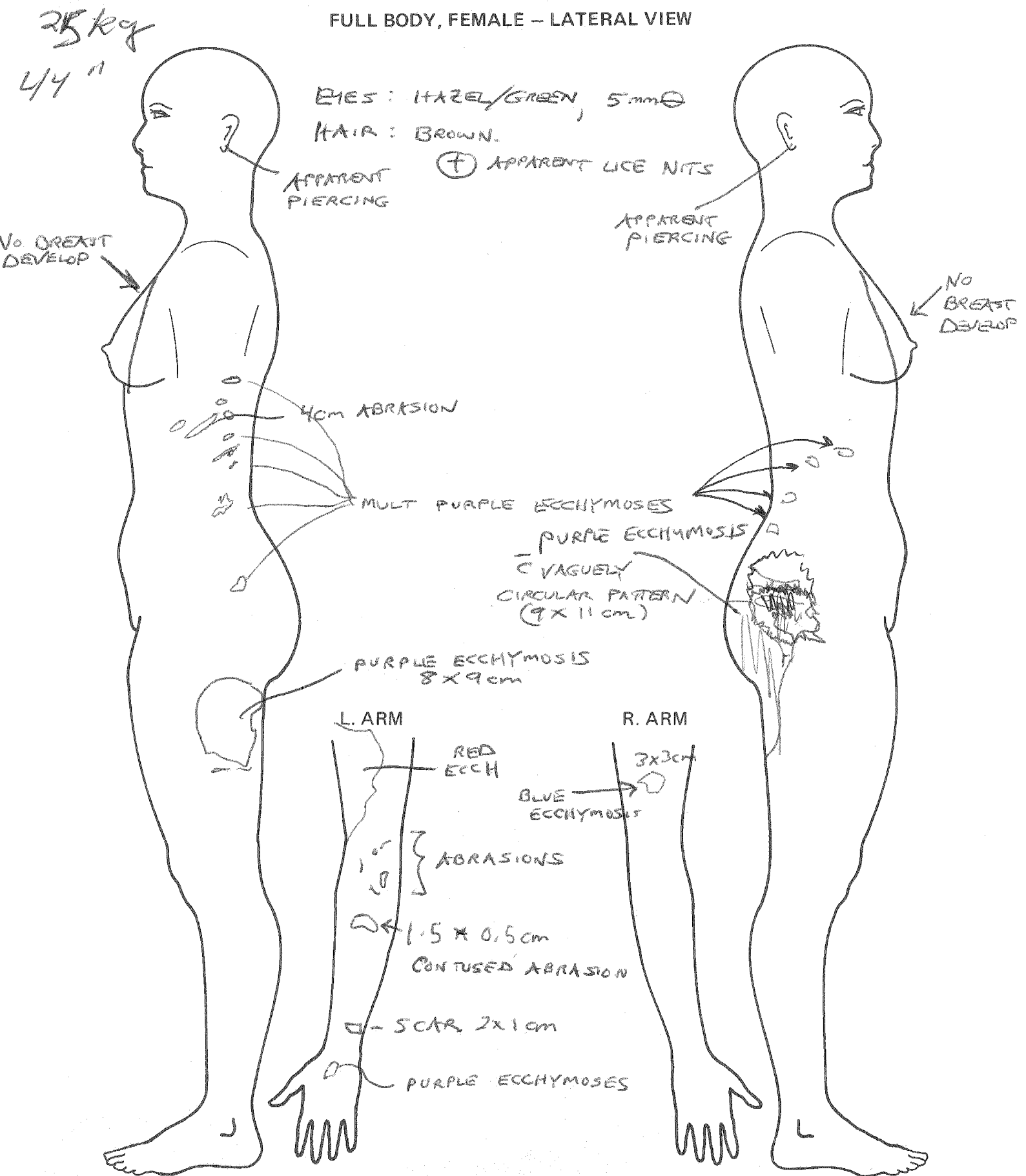


BYRON CURTIS, Ph.D., Chief Forensic Toxicologist

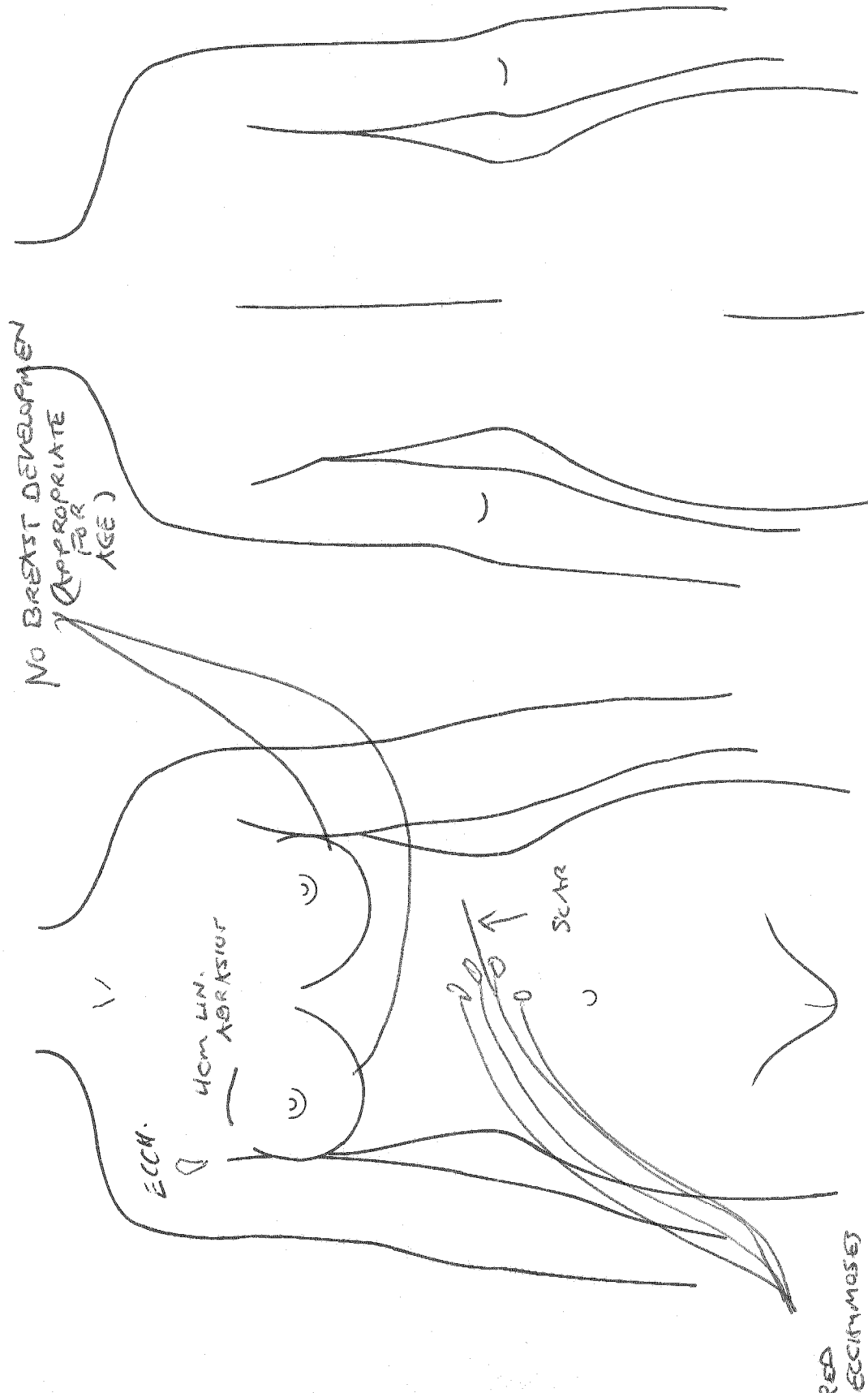
FULL BODY, FEMALE - ANTERIOR AND POSTERIOR VIEWS

Name DEAL, SERENITY Case No. 1102162CME-1B2 (Series 1978) Date 6-6-11

FULL BODY, FEMALE - LATERAL VIEW

Name DEAL, SERENITYCase No. 1102162Date 6-6-11

THORACIC ABDOMINAL, FEMALE - ANTERIOR AND POSTERIOR VIEWS



Name

DEAL, SERENITY

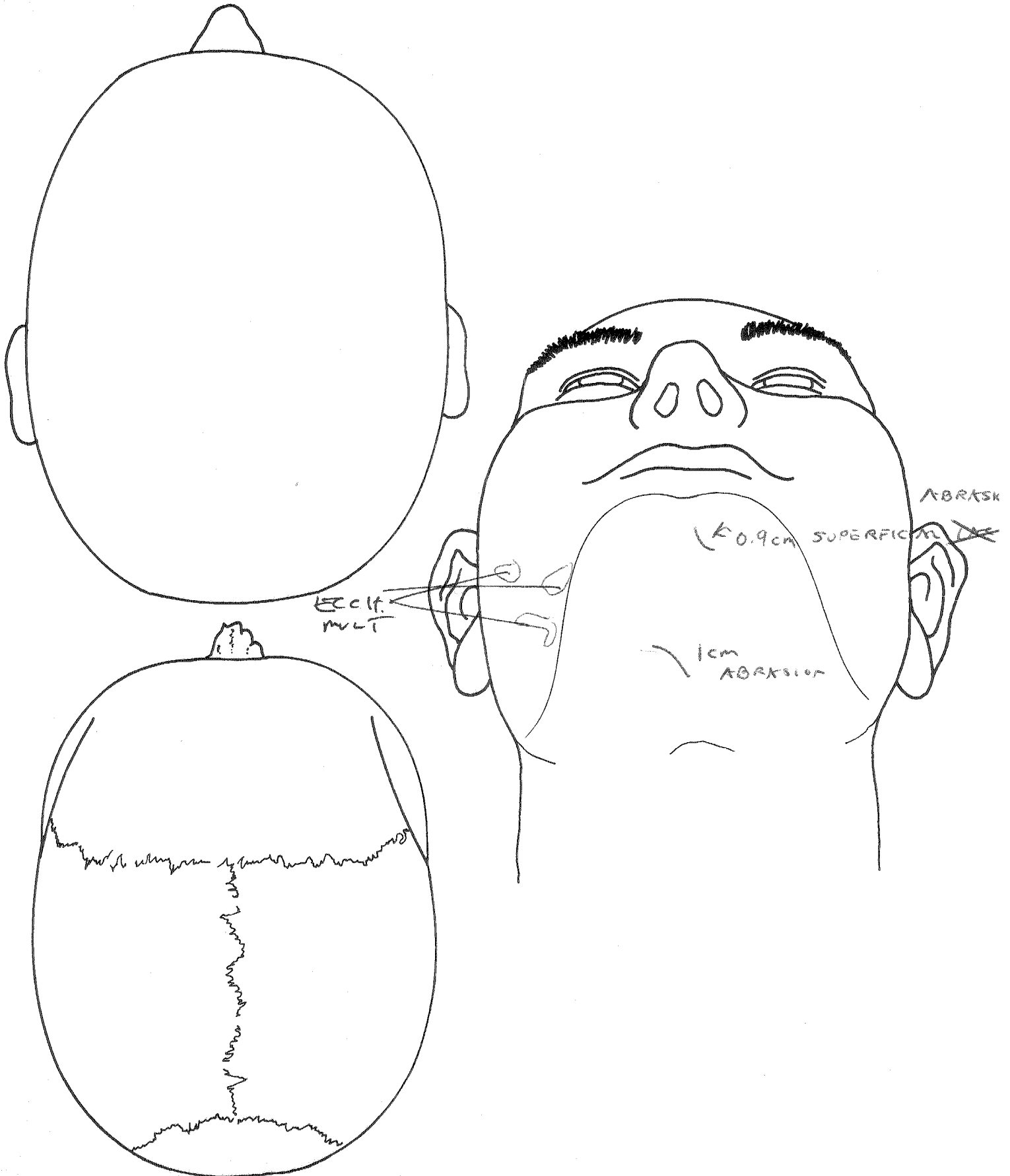
Case No.

1102162

Date

6-6-11

HEAD - SURFACE AND SKELETAL ANATOMY, SUPERIOR VIEW - INFERIOR VIEW OF NECK



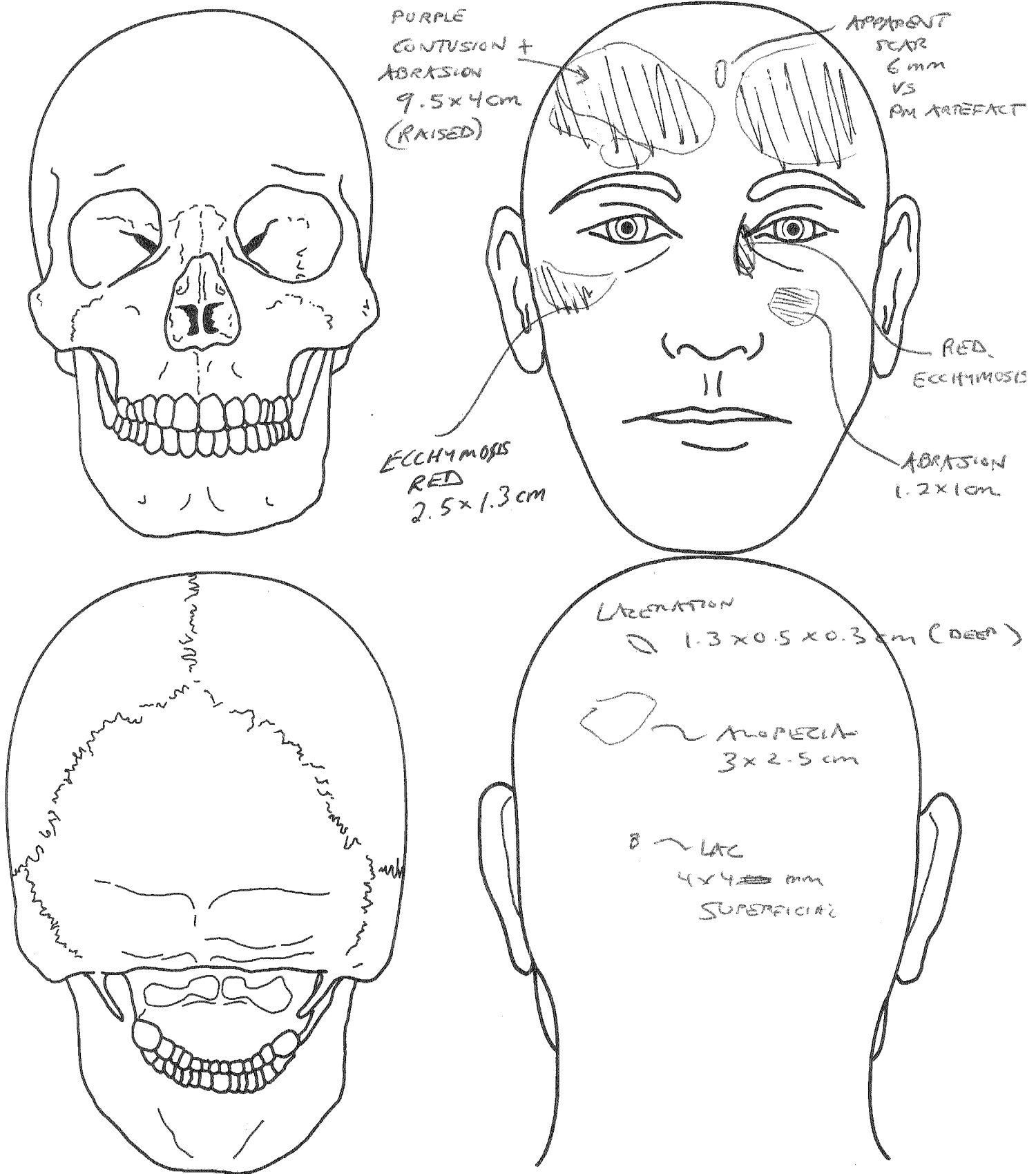
Name DEAL, SERENITY

Case No. 1102162

CME-1B16 (Series 1978)

Date 6-6-11

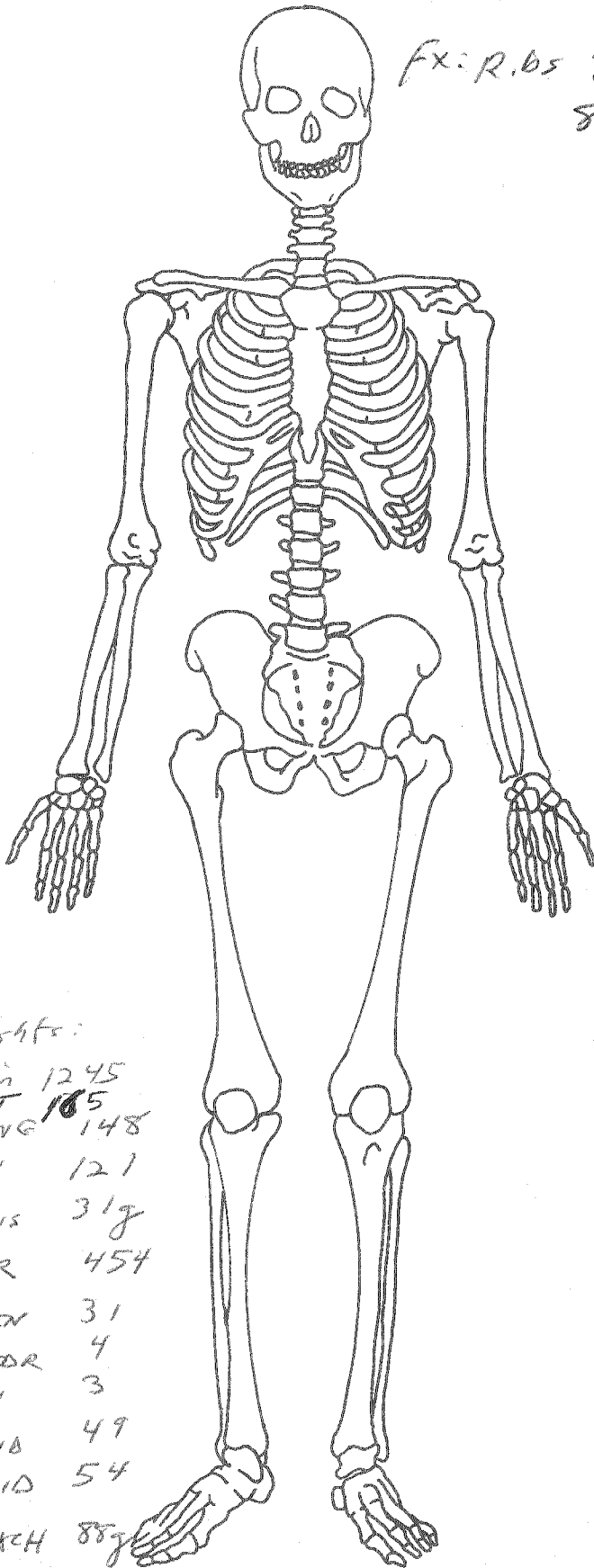
HEAD - SURFACE AND SKELETAL ANATOMY, ANTERIOR AND POSTERIOR VIEWS

Name DEAL, SERENITYCase No. 1102162

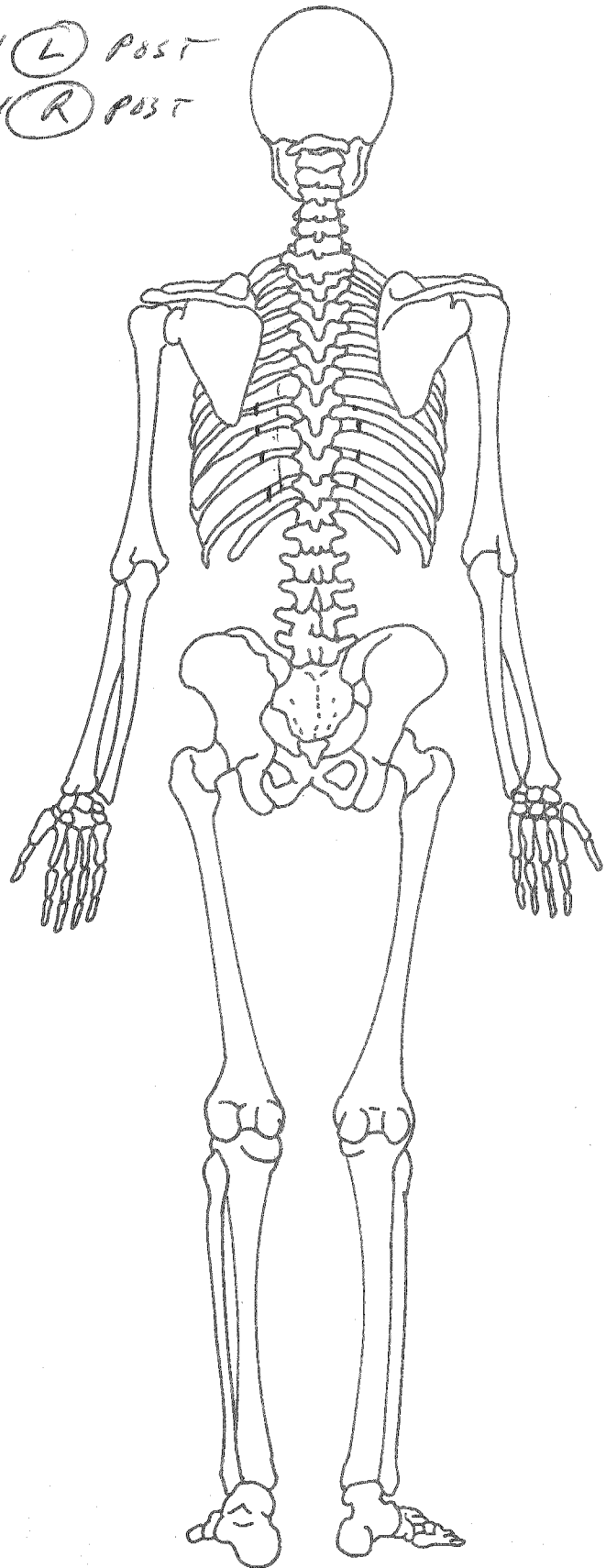
CME-1B14 (Series 1978)

Date 6-6-11

SKELETON — ANTERIOR AND POSTERIOR VIEWS



fx: R. b5 9-11 (L) POST
8-11 (R) POST



Weights:
Brain 1245
HEART 165
R LUNG 148
L " 121
Thymus 31g
LIVER 454
SPLEEN 31
R KID 4
L " 3
R KID 49
L KID 54
STOMACH 88g

Name DEAL, SERENITY

Case No. 1102162

Date 6-6-11