	of the designation of the state	generalisation of the said to the said of	ما بعد الله الأو والمالية المستقبل المالي المالية الما	- Marine Marine - Mar		en de la companya de La companya de la co		
Tape# Start End REPORTED AS: Natural K Homicide Accident Undetermined	COUNTY OFFICE OF In Custon Nursing	CHIEF MEDICAL	OS ANG	GELES		CAS No. 70-91		PRT
□ Suicide Homicide Wounds	☐ At Work to head							
Post Mortem at C. M. E.								
NAME Ruben Salazar Place of Death 4945 Whit	tier Blvd.			s Direc	TOPAGE	Sex_ ** 2	:_ Race_C	<u>.au</u>
Reported by <u>Cannon</u> Date <u>8-29-70</u> Time 21	Address	Sheri:	ff Homic	ide	Date and Time of Dec	_Phone nth_8=29=7	Appr 0 1830	xor)
Investigating AgencySher Officer_Cannon Residence of Deceased3118	Date 8	-29-70						
Employet <u>KMEX-TV</u>	Soc. Sec. 146	5-340-679	Mi	litary No	?	Vet	?	
Next of Kin	mity None N	be notif	ied by S U_C Teeth L_C ody nditionVi	Sheriff Own Own Lewable	office Eyes Brown A.M.	<u> </u>	No Yes Yes Yes	No No No
REMARKS: Homicide ?	Irauma to he	ead!						
	Ŀ							.,

COUNTY OF LOS ANGELES DEPARTMENT OF CHIEF MEDICAL EXAMINER - CORONER MEDICAL REPORT Case No. 70

Name:_	Kupen Salazar	MEDICAL	KEPUKI	Case No. 70-9111
Date:_	8-30-70			Dr
_				······································

CONTINUATION SHEET

Information from Cannon of shefiff homicide. Sheriff dupities supposedly responded to gun shots from the Silver Dollar Bar located 4945 Whittier Blvd. East Los Angeles. Tear gas was fired into the bar. When deputies entered the bar the decedent was observed lying on Lt. side on tile floor a large amount of clotted blood under and around the decedents head. Time of occurance approx. 1830 hrs 8-28-70.

Cannon of Sheriff Homicide to notify this office when more information is available. Cannon would also like to be notified about one hour prior to the time of autopsy.

OG 35 PHONE CALL FROM SHERIFFS HOMICIDE DIV. PLEASE

CALL BEFORE STARTING AUTOPSY!

B



COUNTY OF LOS ANGELES OFFICE OF CHIEF MEDICAL EXAMINER-CORONER

MEDICAL REPORT

Nome Ruben Salazar	Occupation News Director Case No. 70-9111
	IN X Crypt # 19 OUT MORTUARY C. M. E. CORONER
■ INVESTIGATION	TOPSY PENDING FINAL ON Dr. LATSHOW
CAUSE OF DEATH:	/ Micro. ☐ Neuro. ☐ Bact. ☐ Med. History
PROJECTILE WOUND TO AND EXTENSIVE CEREBR Due to:	
•	DK: IR FINAL 9/8/70 Toxicology Alcohol Over 24 Hrs. Barbs. C.O.
Due to:	☐ Other — Explain Below
	SPECIMENS SUBMITTED
OTHER SIGNIFICANT CONDITIONS CONT	B Cure Less
(MODE TO BE DETERMIN	ED BY INQUEST.)
NATURAL ACCIDEN	T SUICIDE HOMICIDE UNDETERMINED Stearl Que
DATE OF OPERATION NO	CHECK ONE. OPERATION PERFORMED OPERATION PERFORMED FINDINGS NOT USED IN FINDINGS NOT USED IN
OPERATION PERFORME	CAUSE OF DEATH
Evidence of Injury Yes	No At work Yes X No SUICIDE NOTE Yes No FETAL DEATH CERTIFICATE Yes
Embalmed by:	License NoBlood Sample Taken D No — Explain
R _{x No. None} Date	
:	
<u> </u>	
•	Age 42 Sex Male Race Cauc Complexion Medium Wt. 170 lbs. Ht. 69 In.
U <u>0wn</u> Hair ^B rown Teeth L <u>0wn</u>	yes Brown Nor Scars, amputations, None Noted
Appliances on body None	None
	Hospital Report 🗌 Yes 🕱 No Hospital No. None Unit
In A Bar	Jail Hospital Duration
For Homicide ? Tr	uma to head!
Physician	Address:Phone:
Diagnosis or Comment:	
	2 21/1
	Information taken by M. H. Ashinson

COUNTY OF LOS ANGELES DEPARTMENT OF CHIEF MEDICAL EXAMINER-CORONER PRELIMINARY EXAMINATION REPORT

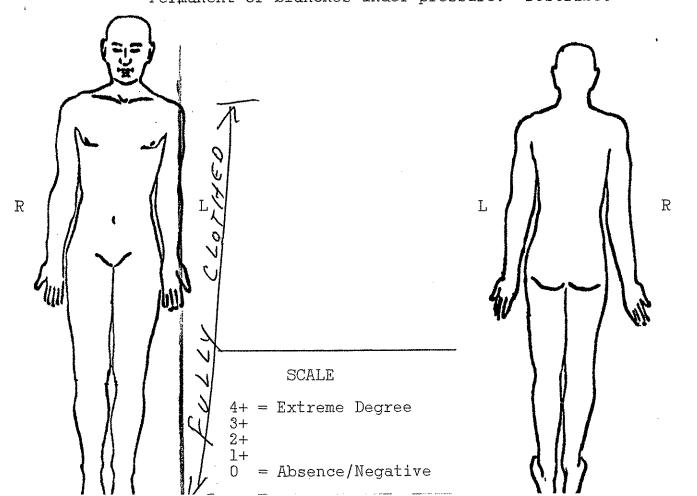
Name RUBEN SALAZAR	Case No. 70 - 9/1/
RIGOR MORTIS:	TEMPERATURE:
NECK:	ENVIRONMENT TEMPERATURE = F
Anterior flexion Posterior flexion Right lateral flexion Left lateral flexion JAW: SHOULDER: ELBOW: WRIST: Anterior flexion 47 HIP: 47 KNEE: 47 ANKLE: 47	DATE 8-30-70 TIME 0/25 PM LIVER TEMPERATURE = F WHERE TAKEN 130 AM DATE 8-30-70 TIME 0/30 PM

LIVOR MORTIS:

Use shading on diagrams to illustrate location.

Describe intensity of coloration. (use scale)

Permanent or blanches under pressure? Describe.



TRACHEA (Vove lue

THYROID 9

THYMUS

COUNTY LOS OF

DEPARTMENT OF CHIEF MEDICAL EXAMINER

446 S O 1976

AUTOPSY CHECK SHEET

File # Date Name **PERITONEUM EXTERNAL EXAM** Dura Fluid Sex Fluid Adhes Race LIVER W+ 2.280 Ventric Age Vessels Caps Height Ears Lobul Weight Fibros Hair **PITUITARY** GB Eyes Calc Sclera Bile ducts Teeth SPLEEN WH (50 Mouth Color Tongue Consist Nose Caps Chest Malpig **Breasts PANCREAS** Abdomen **ADRENALS SECTIONS** Scar KIDNEYS WI 140 160 Genital Caps Edema Skin Cortex Decub Vessels HEART Wt **Pelvis** Pericard Ureter Hypert **BLADDER** Dilat GENITALIA Muscle Prost 110106 Valves Testes Coronar Uterus **AORTA** Tubes **VESSELS** Ovar LUNGS WI **OESOPHAGUS** R 780 STOMACH 250 L **DUOD & SM INT** Adhes **APPENDIX** Fluid LARGE INT Atelectasis ABDOM NODES Oedema **SKELETON** Congest Spine Consol Marrow Bronchi Nodes PHARYNX 例(C

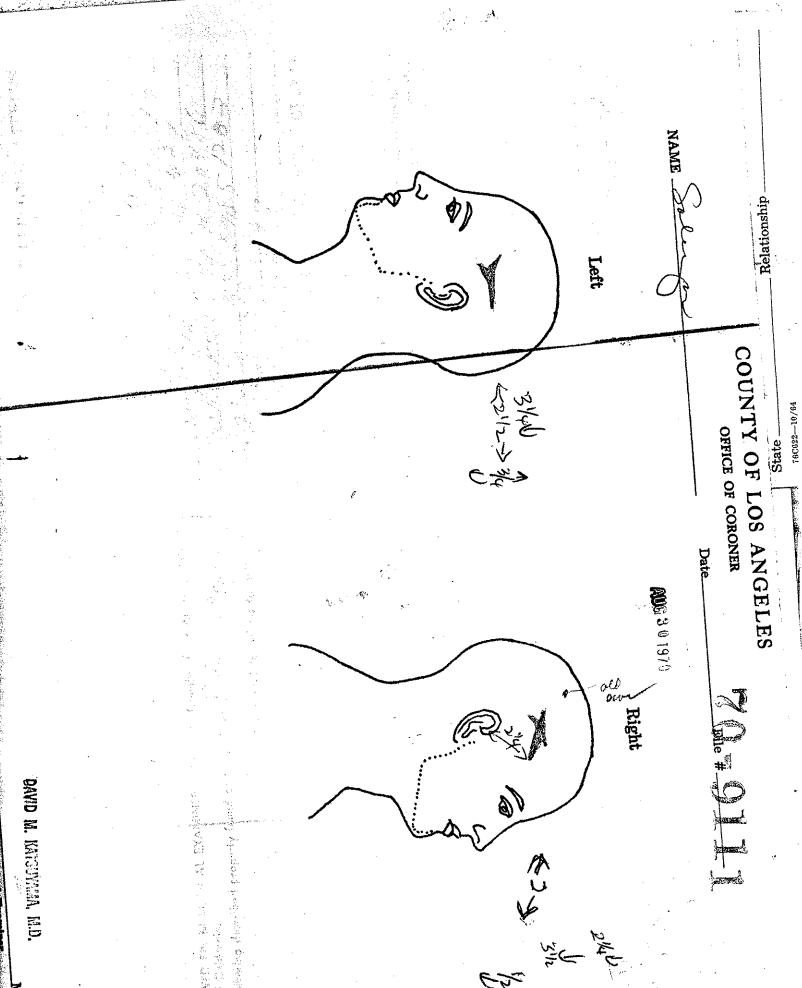
BRAIN WH 137 () Nasal Sin

Time

GROSS IMPRESSION

DAVID M. KATSUYAMA, M.D.

Deputy Medical Examiner.



Q'M

ORDER FOR RELEASE

To: The CORONER,	County of Los Angeles:		
	•	Santa Ana	Calif.
		Sunday August 30th,	
		•	
	NEXT OF	KIN	
I certify that, purs	ant to Section 7100, Health & Sat	fety Code, State of California, it is	my legal right
to select any funeral d	rector I desire to take charge of	the body of Ruben Salazar	
······	deceased.		
Therefore, please r	elease the body of the above mer	ntioned deceasd to Pacific Vie	W
Mortuary, Newpo	rt Beach, Calif.		, ,
	r investigation of the death of sa		
Name Odd	y J Delayer	Relationship wife	**********
Address 3118 Rita W	ay City Santa An	Relationship wife State Calif	ornia
Telephone No. 55	7 7437		
gradie in de En			
	NOT NEXT C	DF KIN	
If the person signir	had been searest of kin. state k	pelow the nearest kin and reason for	r not handling.
-		Relationship	_
	Later Control of the	State	
Reason for not handlir	g		# E \$ = = = = + + + + + + + + + + + + + + +
Telephone No	# ************************************		
•			
	NON RELA	TIVE	
ī,		bearing no rela	tionship to the
above named deceased	having executed the above aut	horization, do hereby assume full	responsibilities
for the costs of all fun-	eral services in connection therew	vith of the above named funeral dir	rector.
Witness	Sig	ned	
Address	Ad.	dress	}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
•	e Marchia de la companya de la compa	ty	
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Telephone No.....

of Office of Chief Medical Examiner-Coroner, Hall of Justice, Los Angeles, and from the anatomic findings and pertinent history I ascribe the death to:

PROJECTILE WOUND TO LEFT SIDE OF HEAD CAUSING SKULL FRACTURE AND EXTENSIVE CEREBRAL DESTRUCTION.

FINAL 9/8/70

ANATOMICAL SUMMARY

- 1. Projectile wound to left side of head.
 - a Extensive skull fracture.
 - b. Cerebral destruction, extensive.
- 2. Fatty metamorphosis of liver.
- 3. Old Gunshot (birdshot) wound of right parietal area.

EXTERNAL EXAMINATION:

The unembalmed body is that of a Caucasian of Mexican extraction, clothed in a slightly orange-yellow-brown shirt and dark golden-brownish trousers. Buckskin-suede type shoes are also present. An identification tag is present around the left index finger with the inscription "Ruben Salazar". There is an extensive amount of blood present on the face and scalp and also on the dependent and upper portions of the trunk and upper extremities. There appears to be a rather extensive laceration-contusion type of wound extending deep into the skull and cerebral substance, one on the left side and another on the right side. These will be described in more detail subsequently. On the right side, in and around the defect, very

thin tiny greyish-white discs approximately 1/16 inch in diameter are present. These tiny discs are also found in the hair on the right side. Several of these are scattered around the dorsum of the right thumb and index finger. The volar surface of the index finger shows an apparent area of burning of rather irregular nature approximately 5/8 x 3/8 inch in maximum dimension and varys up to 1/16 and 3/32 inch in height. Other tiny greyish discs are also present over the left antecubital fossa. A brownish leather belt is present in the waistband of the trousers. On the back, are a number of tiny disc material as previously described on the surface of the shirt. The clothing is removed. A small fragment of glass approximately 1/4 inch and a thin fragment of alumnium foil approximately 1/4 inch in maxinum dimension are also recovered from the clothing. The skin surfaces are again examined. covered portions of the body shows no evidence of injury or previous surgery. In the right subcostal portion is the penetration point for liver temperature as taken by Coroner's Investigator. external genitalia are male. There is no significant rounding of the abdomen. The chest shows slight increase in anterior-posterior diameter in the lower portion. There is no pitting edema. The hair is of medium length, medium brown in color. The eyebrows are medium brown also. On further examination and washing the blood from the right index finger, the raised areas originally thought to be burns are found to be tiny bone fragments, one approximately 1/4 x 3/16 inch and the other approximately 1/8 x 1/8 inch. These are placed in Formalin in a specimen hold jar. A small abrasion is present on the lateral aspect of the right elbow. The clothing and body surfaces appear moderately saturated with a lacrimating substance.

INTERNAL EXAMINATION

INITIAL INCIPION:

The usual Y-shaped incision is employed. There is no accumulation of blood or fluid in either abdominal or thoracic spaces. The organs appear in their usual positions.

RESPIRATORY \$YSTEM:

The larynx shows a small amount of mucoid material present on the surface. The tracheal portion shows a slight vesication nodular granulation of the mucosal surface. The lungs weigh: Right 280 grams, left 250 grams. There is dependent congestion on the left side. There is no consolidation present. No evidence of hemorrhage is not ed. The pulmonary vessels appear grossly normal.

CARDIOVASCULAR SYSTEM:

The aorta and its branches show only minimal arteriosclerosis focally. The heart weighs 330 grams and lies within a smooth pericardial sac. There is practically no blood left in the cardiovascular system. The valve appearance and sizes are grossly normal, the aortic measuring 7.0 cm., tricuspid and mitral 10.0 cm., and the pulmonic 6.0 cm. The coronary arteries show moderate arteriosclerosis with lumen narrowed in some areas to approximately 50 per cent or less. However, complete obliteration of lumen is not present. Cut surfaces of myocardium show no definite recognizable old, recent or fresh infarct. The venous system shows no gross abnormality.

HEMIC AND LYMPHATIC SYSTEM:

The abdominal and mediastinal nodes are not remarkably enlarged. The spleen weighs 150 grams.

DIGESTIVE SYSTEM:

The esophagus contains no evidence of medication or regurgitated material. The stomach contains a small amount of greenish mucoid and gruel-like material. The small bowel, appendix and colon show no gross alteration of architecture.

The pancreas shows the usual lobular yellowish-tan appearance and shows no evidence of fibrosis or inflammation.

LIVER:

The liver weighs 2280 grams and has a smooth capsule. The parenchyma is a tawny yellow-brown with focal areas of congestion and accumulation of blood. However, definite evidence of trauma is not present. There is no increase in fibrous components.

The gallbladder and biliary tree are grossly normal.

UROGENITAL SYSTEM:

The kidneys weigh: Right 140 grams, left 160 grams. The capsules strip with ease with cortex up to 4 or 5 mm. in thickness. The pelves, ureters and urinary bladder are grossly normal. Only a small amount of urine is present.

The prostate weightis approximately 25 to 30 grams and has the usual fibronodular appearance. The testes are descended in the scrotum.

ENDOCRINE SYSTEM:

The adrenals show no recognizable abnormality. The thyroid weighs approximately 10 grams and has the usual tan-brown appearance. The pituitary shows no gross abnormality.

SKULL AND CENTRAL NERVOUS SYSTEM:

The scalp shows two jagged stellate wounds, one on the left side located 3-1/4 inch from the top of the head whose anterior-posterior diameter is 2-1/2 inches and width of 3/4 inch. It appears Y-shaped. There is a reddish border toward the ear which appears to be an abrasion margin. The underlying calvarium shows extensive disruption over an area approximately 2 x 1-1/2 inches with multiple fragments of an inshoot-type. The right scalp shows stellate defect of a stretch-type of disruption. The wound is located 2-1/4 inches from the top of the head at its superior most aspect and 3-1/2 inches at the most inferior aspect. The most inferior aspect is located 2-1/4 inches from the upper incision of the right ear. It is 2 inches in maximum length and up to 1/2 inch in maximum width.

A scarred area approximately 3/8 inch in diameter is present on the right parietal area and on the surface of the calvarium immediately underlying tiny lead pellets each less than 1/16 inch in diameter are located over an area approximately 1/2 x 3/4 inch. This appears to be an old wound. This area and the margins of the entrance and exit wounds are retained as evidence.

The underlying calvarium shows an outshoot-type beveling of greater diameter of outerplate than the innerplate. The dura is extensively disrupted. The path of the projectile appears to be from left to right and in a slightly forward direction with a very slightly downward angle. No evidence of charring or burning is noted on either entrance or exit wound. The dura shows extensive disruption in these areas. The brain weighs 1370 grams. The arteries at the base show no significant arteriosclerosis. On sectioning the frontal lobes, the through-and-through defect with extensive hemorrhage surrounding is noted over an area roughly 2 inches in maximum diameter extending from side to side. The brain is submitted for further Neuropathological The base of the skull shows linear fracture extending examination. through the middle fossa from left to right. The calvarium shows extension from these entrance and exit wounds of complete detachment in a bowel-like appearance. A tiny fragment of apparent foreign material that has a slightly serrated appearance approximately 1/4 inch in maxinum dimension is found near the exit wound within the calvarium.

#70-9111 RUBEN SALAZAR August 30, 1970

MUSCULOSKELETAL SYSTEM:

No gross deformities of the extremities are noted. The rib cage shows no recognizable fractures. The thoracic and lumbar spine appear grossly normal.

SPECIMENS SUBMITTED:

Specimen of blood, liver, gallbladder and contents, kidneys, stomach contents, fat and urine are submitted for toxicological study.

Sgt. Deiro of Sheriff's Homicide and Sheriff Photographer are present at autopsy. Griffith Thomas, M.D., representing the family of the deceased, is also present.

DAVID M. KATSUYAMA, M.D.

CHIEF, FORENSIC MEDICINE

DMK:np:g 9-8-70

T. NOGUCHIA M.D.

CHIEF MEDICAL EXAMINER-CORONER

#70-9111 Ruben Salazar August 30, 1970

-6-

ADDENDUM

The entrance wound from the left side of the head is re-examined.

The abraded region on the external surface has a brownish appearance. Embedded in the deep connective tissue bordering the entrance wound are several tiny flecks of red paint-like material less than 1/32 of an inch in diameter.

DAVID M. KATSUYAMA, M.D. CHIEF, FORENSIC MEDICINE

DMK:np:c 9-10-70 THOMAS T. NOGUCHI M.D.

CHIEF MEDICAL EXAMINER-CORONER

MICROSCOPIC REPORT

HEART:

The myocardium shows rather large but uniform fibers. There are multiple small perivascular foci of fibrosis with occasional replacement of myocardial fibers in the perivascular region. There is some mild thickening of small branches of the coronary tree within the heart. A section of a large coronary artery, embedded in epicardial fat, shows advanced occlusive atherosclerotic disease. There is a biphasic plaque with the surface composed of mixoid fibrous tissue and the depths composed of foam cells and cholesterol clefts. There is some vascularization of the plaques. There is no significant calcinosis noted. The lumen of the vessels is occluded up to 70 per cent by the atherosclerotic change.

LUNGS:

There is moderate, diffuse and centrolobular emphysema with some anthracotic pigments scattered in peribronchial locations. There is irregular atelectasis of the lungs and there is significant acute vascular congestion.

LIVER:

Multiple sections of the liver reveals severe fatty change with approximately 40 per cent of the liver cells replaced by fat vacuoles. The general lobular architecture is still intact, although there is evidence in isolated foci, of regenerative activity. The portal triads, occasionally, contain slightly increased numbers of inflammatory cells. There is questionable, minimal, incipient portal fibrosis. Also scattered throughout the liver, are small hemangiomas, with the lake-like vascular channels engorged with blood.

PANCREAS:

The pancreas is moderately autolized.

KIDNEY:

The kidneys show early autolysis, but no other diagnostic changes.

TRACHEA:

The trachea is without diagnostic change.

INTESTINE:

The intestine shows autolytic change.

THYROID:

The thyroid is within normal limits.

AORTA:

The aorta demonstrates early foam cells and fibro-mixoid plaque formation.

SKELETAL MUSCLES:

Several small sections of skeletal muscles show fresh hemorrhage dissecting between fibers without inflammatory reaction. Small, granular bits of bone material are embedded in some of the muscle bundles.

VICTOR J. ROSEN, JR., M.D. DEPUTY MEDICAL EXAMINER

VJR:OF:S 10/7/70

NEUROPATHOLOGY REPORT

GROSS FINDINGS

The dorsolateral portions of the dura present two triangular defects on the left. One is in the frontoparietal region 6 cm. from the midline measuring 2.2 cm. transversely and 2.3 cm. anterior-posteriorly. The base of the triangle is directed toward and parallel to the superior sagittal sinus and the anterior and the posterior borders of the triangle makes a right angle. A second triangular defect measures 3.5 cm. transversely and 4cm. anterior-posteriorly is in the left frontotemporal region 5.2 cm. from the midline and 1.5 cm. posterior to the left middle meningeal artery. The medial and anterior borders of this triangle also make a right angle. The epidural surface shows faint fresh blood staining which can be readily removed without leaving any pigment or neomembrane. On the subdural surfaces, there is no definite abnormal coloring, hemorrhage or neomembrane. The dura from the occipital and basilar portions are not remarkable.

The leptomeninges show a moderate amount of subarachnoid hemorrhage over the frontal poles and along the medial surfaces where the blood is just enough to obscure the underlying structures and covers an area about 10 cm. transversely and 4 to 5 cm. vertically. There is some extension of a small amount of subarachnoid hemorrhage over the left frontal lobe dorsally and this surrounds a large defect of the left frontotemporal region. Similar extension of the subarachnoid hemorrhage but to a less degree is present on the right inferior frontal gyrus which also surrounds a defect. A small amount of subarachnoid hemorrhage is present over the left parietal region dorsomedially. On the base of the brain the subarachnoid blood is rather diffusely distributed but quite minimal, mostly along the sulci of the left temporal lobe and over the lateral inferior and dorsal aspect of the left cerebellar hemisphere in irregular patches which is barely enough to obscure the underlying structures. The brain has been coronally sectioned just anterior to the temporal poles revealing a large horizontal hemorrhagic tract that has involved both frontal lobes. The defect on the left side on the external surface has its anterior border in the left inferior frontal gyrus at a point 2 cm. anterior to the temporal pole. It extends posteriorly to involve the operculum to a point 1.5 cm. above the lateral fissure and posteriorly to involve both pre- and post central gyrus at a point 1.6 cm. above lateral fissure, and the left superior and middle temporal gyri where the defect measures 2.8 cm. vertically and 2.3 cm. anterior-posteriorly and this is 2 cm. from the temporal pole.

On the right side the defect is confined to the right inferior frontal gyrus just above it's inferior border and anterior to the lateral fissure. This defect is rather irregular and is about 1.3 cm. in diameter. It is 8 mm. from the lateral fissure in its anterior aspect.

The cerebral convolutions are flattened throughout. The basilar cisterns contain no blood clot. The circle of Willis shows equal sized right posterior communicating and right posterior cerebral arteries bilaterally. The arteries show practically no arteriosclerosis. The optic nerves and chiasma are intact. The pons and medulla are not remarkable externally. The cerebellum shows slight disorganization in its inferior surface so it cannot be evaluated.

The specimen is cut in a series of parasagittal sections beginning from the right side laterally. The first section is about 1.5 cm. in thickness. This reveals the posterior border of the defect of the right inferior frontal gyrus which is on the anterior portion of this section. In the dorsal aspect of this section, there are a few hemorrhagic contusions within 2.5 cm. of the defect. A single petechia 3 mm. in diameter is located in the cortex of the right angular gyrus 6.5 cm. posterior to the defect. The remainder of the right cerebral and cerebellar hemispheres are cut into three equal sections 2.5 to 3 cm in thickness. The second section on the medial surface, shows a square defect with indented borders 2.8 cm. in its diagnoal measurement! This is located in the right frontal centrum and the adjacent putamen. The anterior portion of the putamen shows multiple petechial hemorrhages extending for a distance of 1.5 to 2.5 cm. from the defect. The edges of the defect dorsally are irregular while those inferiorly are somewhat smooth. The remainder of the cerebrum and cerebellum on this section show no lesion. The third section, also the medial surface, shows the defect again located in the right frontal centrum and the right striatum. Due to the presence of the anterior horn of the right lateral ventricle in this section the square shape of the defect is not as distinct. The ventricles show blood staining but contain no blood clot at the present time. The thalamus, brain stem and cerebellum show no lesion.

The fourth section on the right side includes the medial surface of the right cerebral hemisphere. This shows the subarachnoid hemorrhage as mentioned above. The defect here involves the corpus callosum about 1 cm. from its anterior border, the striatum and the preoptic area. Again due to the presence of the ventricle, this defect is rather irregular and is about 2.3 cm. in diameter. There is considerable disruption in the body of the corpus callosum and several petechiae are present in the splenium of the corpus callosum. The cisterna magna is blood stained. There are also petechiae on the walls of the third ventricle to a point as far back as behind the massa intermedia. The optic chiasma, the anterior commissure, the tuber cinereum and mammillary body are grossly intact.

COUNTY OF LOS ANGELES REPORT OF MICROBIOLOGICAL ANALYSIS CHIEF MEDICAL EXAMINER-CORONER'S OFFICE Bacteriology Laboratory Hall of Justice Los Angeles, California

					File No.	70-9111
Name of De	ceased	Ruber	n Salazar	<u>.</u>		
Date Submi	tted	8-29-70				
Autopsy Su	rgeon_	David	Katsuyama	, M.D.		
Material S	ubmitte	ed Bloo	od for typ	e and Rh.	•	
	<u> </u>					
Laboratory	Findi	igs:	BLOOD:	Type O	Rh Positiv	re
3						
		·				
Examined R	By	Vicki	Dreitox	<i>y</i>	Date	9-16-70
	T	Vicki B	reton, MT			

September 1970

LABORATORY DIVISION

REPORT OF TOXICOLOGICAL ANALYSIS

OFFICE OF THE CHIEF MEDICAL EXAMINER-CORONER

COUNTY OF LOS ANGELES
HALL OF JUSTICE
LOS ANGELES, CALIFORNIA

		Coro	ner's No. 70-9111		
Name of Deceased	RUBEN SALAZAR				
Date Submitted	August 31, 1970	Time			
	David M. Katsuyama, M				
Autopsy Surgeon					
• Material Submitted:	Blood X	Liver X	Stomach X		
	Brain	Lung	Lavage		
	Femur	Spleen	Urine X		
	Kidney X	Sternum	Bile X		
	Drugs	Chemicals			
Laboratory Findings:					
	1. Blood: Ethanol .	04% tes absent			
	Trichloro	ethanol absent			
	Placidyl	absent			
	Urine: Phenothia	zine absent			
	Liver: Absence of	of common organic	bases		
	2 Urine: Amphetami	ne, Methamphetam	ine absent		
	3 Bile: Codeine,	Morphine, Dilaud	id absent		
· · · · · · · · · · · · · · · · · · ·	4 Blood: Ethinamat	e, Noludar, Mepr	obamate,		
		Soma, Quaalude a			

Analysed by 1 John Park Holley

Analysed by 2 John Park Holley

Toxicologist Date 9/8/70

Toxicologist Date 9/8/70

Ernest Griesmer Toxicologist Date 9/8/70

Edward Thompson Toxicologist Date 9/8/70

Analysed by 3... 4
76R290A - Cdb 11-69

The left cerebral hemisphere is first cut into two equal sized parasagittal sections. On the medial surface of the left cerebral hemisphere the defect is seen to be in the corpus callosum just below its dersal surface 1 cm. from its anterior border. The striatum is involved as the right side. The thalamus shows no petechiae. The other structures, including the brain stem are grossly intact.

On the lateral surface of the medial half of the left cerebral hemisphere the defect again resumes a square shape with indented sides. Multiple petechial hemorrhages are present in the putamen.

On the medial surface of the lateral half of the left cerebral hemisphere the defect is somewhat stellate and measures 2.8 cm. in greater dimension. This section shows markedly exaggerated vascular markings in the surrounding frontal centrum. The smaller amount of putamen present here also shows petechiae. The cerebral cortex of the left frontal lobe anterior to the defect in this section shows minimal contusion. The cortex surrounding the defect on the external surface of the left cerebral hemisphere shows numerous small hemorrhagic contusions mostly within a zone of 2 to 3 cm. Contusions are also found as far as the left superior parietal cortex. No foreign material is found in the defect.

MICROSCOPIC FINDINGS

Sections show numerous acute hemorrhages. There is no chronic lesion.

DIAGNOSIS

J. Lu ho

1. Missile wound, through-and-through, frontal and temporal lobes, ventricles and basal ganglia.

ABRAHAM T. LU, M.D. DEPUTY MEDICAL EXAMINER

ATL:np:s 9-9-70