4 Martin

State me. Z

The President arrived in the Emergency Room at exactly 12:43 p.m. in his lineusine. He was in the back seat, Gov. Connally was in the front seat of the same car, Gov. Connally was brought out first and was put in room two. President was brought out next and put in room one. Dr. Clark pronounced the President dead at 1 p.m. exactly. All of the President's belongings except his watch were given to the Secret Service. His watch was given to Mr. O. P. Wright. He left the Emergency Room, the President, at about 2 p.m. in an O'Neal ambulance. He was put in a bronze colored plastic casket after being wrapped in a blanket and was taken cut of the hospital. He was removed from the hospital, The Gov. was taken from the Emergency Room to the Operating Room.

The President's wife refused to take off her bloody glove, clothes. She did take a towel and wipe her face. She took her wedding ring off and and placed it on one of the President's fingers.

561

### SUMMARY

The President arrived at the Emergency Room at 12:43 P.M., the 22nd of November, 1963. He was in the back seat of his limousine. Governor Connelly of Taxas was also in this car. The first physician to see the President was Dr. James Carrico, a Resident in General Surgery.

Dr. Carrico noted the President to have slow, agonal respiratory efforts. He could hear a heartbeat but found no pulse or blood pressure to be present. Two external wounds, one in the lower third of the anterior neck, the other in the occipital region of the skull, were noted. Through the head wound, blood and brain were extruding. Dr. Carrico inserted a cuffed endotracheal tube. While doing so, he noted a ragged wound of the trachea immediately below the larynx.

At this time, Dr. Melcolm Perry, Attending Surgeon, Dr. Charles Bexter, Attending Surgeon, and Dr. Ronald Jones, enother Resident in General Surgery, arrived. Immediately thereafter, Dr. M. T. Jenkins, Director of the Department of Anesthesia, and Doctors Glesecke and Hunt, two other Staff Anesthesiologists, arrived. The endotracheal tube had been connected to a Bennett respirator to assist the President's breathing. An Anesthesia machine was substituted for this by Dr. Jenkins. Only 100% oxygen was administered.

A cutdown was performed in the right ankle, and a polyethylene catheter inserted in the vein. An infusion of lactated Ringer's solution was begun. Blood was drawn for type and crossmatch, but unmatched type "O" RH negative blood was immediately obtained and begun. Hydrocortisone 300 mgms was added to the intravenous fluids.

Dr. Robert McClelland, Attending Surgeon, arrived to help in the President's care. Doctors Perry, Baxter, and McClelland began a fracheostomy, as considerable quantities of blood were present from the President's oral pharynx. At this time, Dr. Paul Peters, Attending Urological Surgeon, and Dr. Kemp Clark, Director of Neurological Surgery, arrived. Because of the lacerated

SUMMARY Page 2

trackes, enterior chest tubes were placed in both pleural spaces. These were connected to sealed underwater drainage.

Meurological examination revealed the President's pupils to be widely dilated and fixed to light. His eyes were divergent, being deviated outward; a skew deviation from the horizontal was present. No deep tendon reflexes or spontaneous movements were found.

There was a large wound in the right occipitoparietal region, from which profuse bleeding was occurring. 1500 cc. of blood were estimated on the drapes and floor of the Emergency Operating Room. There was considerable loss of scalp and bone tissue. Both cerebral and cerebellar tissue were extruding from the wound.

Further examination was not possible as cardiac arrest occurred at this point. Closed chest cardiac massage was begun by Dr. Clark. A pulse palpable in both the cardid and femoral arteries was obtained. Dr. Perry relieved on the cardiac massage while a cardiotachioscope was connected. Dr. Found Bashour, Attending Physician, arrived as this was being connected. There was electrical silence of the President's heart.

President Kennedy was pronounced dead at 1300 hours by Dr. Clark.

Kemp Clark, M.D.

Director

Service of Neurological Surgery

XC:aa

cc to Dean's Office, Southwestern Medical School cc to Medical Records, Parkland Memorial Hospital

### J. F. Kennedy

DATE AND HOUR: 1/122/63 1620 DOCTOR: - Trico
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Malcolm O. Liny, M.C.				

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Commission Exhibit 392—Continued

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COMMISSION EXHIBIT 392—Continued

DATE AND HOUR: 72, 1963 4:45 P.M. DOCTOR: Rebert N. M. Clelland
Statement Regarding Assassination of
at approximately 12:45 pm the above date
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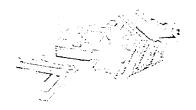
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COMMISSION EXHIBIT 392—Continued

DATE AND HOUR
DATE AND HOUR: NOV 22 1963 495 DOCTOR: BASHOUR
Statement Regarding Assassination of the Fusident
of the USA, Freedout Kennedy-
At 11 the was called from the 1the of Parkland
Horpital and tell that President Kennedy was shot - Dr. D. Sellin
and myself went to the sungery norm of Parkland - upon
enamination, the President had no presation, no heart bear,
no blood pressure. The oscillosupe shound a complete standated.
The President was dictard diadat 12 -
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# THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL DALLAS

M.T.JENKINS, M.D.
PROFESSOR AND CHAIRMAN
Department of Anesthesiology



Clinical Departments of Anesthesia PARKLAND MEMORIAL HOSPITAL CHILDREN'S MEDICAL CENTER

November 22, 1963 1630

To:

Mr. C. J. Price, Administrator Parkland Memorial Hospital

·From:

M. T. Jenkins, M.D., Professor and Chairman

Department of Anesthesiology

Subject:

Statement concerning resuscitative efforts for

President John F. Kennedy

Upon receiving a stat alarm that this distinguished patient was being brought to the emergency room at Parkland Memorial Hospital, I dispatched Doctors A. H. Giesecke and Jackie H. Hunt with an anesthesia machine and resuscitative equipment to the major surgical emergency room area, and I ran down the stairs. On my arrival in the emergency operating room at approximately 1230 I found that Doctors Carrico and/or Delaney had begun resuscitative efforts by introducing an orotracheal tube, connecting it for controlled ventilation to a Bennett intermittent positive pressure breathing apparatus. Doctors Charles Baxter, Malcolm Perry, and Robert McClelland arrived at the same time and began a tracheostomy and started the insertion of a right chest tube, since there was also obvious tracheal and chest damage. Doctors Paul Peters and Kemp Clark arrived simultaneously and immediately thereafter assisted respectively with the insertion of the right chest tube and with manual closed chest cardiac compression to assure circulation.

For better control of artificial ventilation, I exchanged the intermittent positive pressure breathing apparatus for an anesthesia machine and continued artificial ventilation. Doctors Gene Akin and A. H. Giesecke assisted with the respiratory problems incident to changing from the orotracheal tube to a tracheostomy tube, and Doctors Hunt and Giesecke connected a cardioscope to determine cardiac activity.

During the progress of these activities, the emergency room cart was elevated at the feet in order to provide a Trendelenburg position, a venous cutdown was performed on the right saphenous vein, and additional fluids were begun in a vein in the left forearm while blood was ordered from the blood bank. All of these activities were completed by approximately 1245, at which time external cardiac massage was still being carried out effectively by Doctor Clark as judged by a palpable peripheral pulse. Despite these measures there was no electrocardiographic evidence of cardiac activity.

Mr. C. J. Price, Administrator November 22, 1963 Page 2 - Statement concerning resuscitative efforts for President John F. Kennedy

These described resuscitative activities were indicated as of first importance, and after they were carried out attention was turned to all other evidences of injury. There was a great laceration on the right side of the head (temporal and occipital), causing a great defect in the skull plate so that there was herniation and laceration of great areas of the brain, even to the extent that the cerebellum had protruded from the wound. There were also fragmented sections of brain on the drapes of the emergency room cart. With the institution of adequate cardiac compression, there was a great flow of blood from the cranial cavity, indicating that there was much vascular damage as well as brain tissue damage.

It is my personal feeling that all methods of resuscitation were instituted expeditiously and efficiently. However, this cranial and intracranial damage was of such magnitude as to cause the irreversible damage. President Kennedy was pronounced dead at 1300.

Sincerely,

Mit Jen lins

M. T. Jenkins, M.D.

/k

Commission Exhibit 392—Continued

ROOM: 220

STATUS: Pvt

### PARKLAND MEMORIAL HOSPITAL

NAME: John Connally

-1			a sum commenta			
1	OPERATIVE RECORD			UNIT # 26 36 99		
	DATE: 11-22-6	3 Thoracic	Surg	AGE:	RACE:	W/M
	PRE-OPERATIVE Gunshot	wound of the chest w	ith comminut	ted fracture of the	5th rib	· 
	POST-OPERATIVE DIAGNOSIS:	Same with laceration	right middl	ddle lobe, hematoma lower lobe of lung		
NURSE	OPERATION: Thoractom	y , removal rib frag	ment, de- s	EGAN: 1335 E	NDED:152	20
2	ANESTHETIC: General	BEGAN:	1300	AN ESTHESIOLOGIST:	Giese	ecke
3	SURGEON: Robert Shaw,	M.D .	D	RAINS:		
E 0 8	ASSISTANTS: <u>Drs. Boland</u>	and Duke	A	PPLIANCES:		
7	SCRUB NURSE: King/Burkett	CIRC. NURSE: Johnson	c	ASTS/SPLINTS:		
P CO	sponge counts: 1st Co	rrect	DRUGS	I.V. FLUI	DS AND BL	000
입	2N DCo	rrect		111-500 c 11-1000c	c whole bl c D-5-RL	Lood
	COMPLICATIONS: None				•	
-	CONDITION OF PATIENT:	Satisfactory				
TO BE DICTATED BY SURGEON	Clinical Evaluation: The patient was brought to the OR from the EOR. In the EOR a sucking wound of the right chart was partially controlled by an occlusive dressing supported by manual pressure. A tube been placed through the second interspace in the mid-clavicular line connected to a waterseal bottle to evacuate the right pneumothorax and hemathorax. An IV infusion of RL solution had already been started. As soon as the patient was positioned on on the place. As soon as it was possible to control respiration with positive pressure the occlusive dressing was taken from the right chest and the extent of the wound more carefully determined. It was found that the wound of entrance was just lateral to the right scapula close the the axilla yet had passed through the latysmus dorsi muscle shattered approxitately for the lateral and anterior portion of the right fifth rib and emerged below the right nipple. The wound of entrance was approximately three cm in its longest diameter and the wound of exit was a ragged wound approximately five cm in its greatest diameter. The skin and subcutaneous tissue over the path of the missile moved in a paradoxical manner with respiration indicating softening of the chest. The skin of the whole area was carefully cleansed with Phisohex and Iodine. The entire area including the wound of entrance and wound of exit was draped partially excluding the wound of entrance for the first part of the operation. An elliptical incision was made around the wound of exit removing the torn edges of the skin and the damaged subcutaneous tissue. The incision was then carried in a downward curve up toward the right axilla so as to not have the skin incision over the actual path of the missile ben through the chest wall. This incision was carried down through the subcutaneous tissue to expose the Serratus enterior muscle and the anterior border of the latissimus dorsi muscle. The fragments that were adhering to perions of the Serratus anterior muscle were excised. Small rib fragments that were adhering					

Commission Exhibit 392—Continued

Dr. Robert Shaw

intercostal muscle bundle and fifth intercostal muscle bundle

were not appreciably damaged.

(continued)

.BS:bl

## PARKLAND MEMORIAL HOSPITAL OPERATIVE RECORD

CONNALLY OHN G 263699 WM 11-22-63 John Coanally Co. 301 # 26 36 99

DESCRIPTION OF OPERATION (Continued): The ragged ends of the damaged fifth rib were cleaned out with the rongeur. The plura had been torn open by the secondary missiles created by the fragmented fifth rib. The wound was open widely and emposure was obtained with a self retaining retractor. The right plural cavity was then carefully inspected, approximately 200 cc of clot and liquid blood was removed from the pfural cavity. The middle lobe had a linear rent starting at its peripheral edge going down towards itshilum separating the lobe into two segments. There was an open bronchus in the depth of this wound. Since the vascularity and the bronchial connections to the lobe were intact it was decided to repair the lobe rather then to remove it. The repair was accomplished with a running suture of #000 chromic gut on atraumatic needle closing both plural surfaces as well as two running summers approximating the tissue of the central portion of the love. This almost completely sealed off the air leaks which were evident in the torm portion of the love. The lower lobe was next examined and found to be engorged with blood and at one point a laceration ef allowed the cozing of blood. This laceration had undoubtedly been caused by a rib fragment. This laceration was closed with a single suture of #3-0 chromic gut on atraumatic needle. The right plural cavity was now carefully examined and small ribs fragments were removed, the diaphram was found to be uninjured. There was no evidence of injury of the mediastinum and its contents. Hemostasis had been accomplished within the plural cavity with the repair of the middle lobe and the suturing of the laceration in the lower lobe. The upper lobe was found to be uninjured. The drains which had previously been placed in the second interspace in the midclavicular line was found to be longer than necessary so approximately ten on of it was cut away and the remaining portion ewas responstrated with two additional openings. An additional drain was placed through a stab wound in the eighth interspace in the posterior axillary line. Both these drains were then connected to a waterscal bottle. The fourth and fifth intercostal muscles were then approximated with interrupted sutures of #0chromic gut. The remaining portion of the Serratus anterior muscle was then approximated across the closure of the intercostal muscle. The laceration of the latissimus dorsi muscle on its intermost surface was then closed with several interrupted sutures of # chromic gut. The-subsutaneus-tissue-was-th Before closing the subcutaneus tissue one million units of Penicillin and one gram of Streptomycin in 100 cc normal saline was instilled into the wound. The stab wound was then made in the most dependent portion of the wound coming out near the angle of the scapula. Alarge Penrose drain was drawn out through this stab wound to allow drainage of the wound of the chest wall. The subcutaneous tissuewas then clasedruit interrupted #0 chromic gut inverting the knots. Skin closed with interrupted vertical sutwres of black silk. Attention was next turned to the wound of entrance. It was excised with an elliptical incision. It was found that the latissimus dorsi muscle although lacerated was not badly damaged so that the opening was closed with sutures of #0 chromic gut in the fascia of the muscle. Before closing this incision the palpation with the index finger the Penrose drain could be felt immediately below in the space beneath the latissimus dorsi muscle. The skin closed with interrupted vertical mattress sutures of black silk. Drainage tubes were secured with safety pens and adhesive tape and dressings applied. As soon as the operation on the chest had been concluded Dr. Gregory and Dr. Shires started the surgery the was necessary for the wounds of the right wrist and left thigh.

RS:bl

\* There was also a comminuted fracture of the right radius secondary to the same missile and in addition a small flesh wound of the left thigh. The operative notes concerning the management of the right arm and left thigh will be dictated by Dr. Charles and Ir. Tom Shires.

### PARKLAND MEMORIAL HOSPITAL

### OPERATIVE RECORD

NAME:
Governor John Connally
UNIT # 26.36.00

ı			ł		
	DATE: 11-22-63	Ortho	AGE:	W/M RACE	E:
	PRE-OPERATIVE DIAGNOSIS:	racture of the right dista	al radius, open	secondary to guns	hot wound
	POST-OPERATIVE DIAGNOSIS:	Same			
2000	reduction of fracture		,		20,0
	ANESTHETIC: General		AN ESTHE	siologist: <u>Giese</u>	cke
,	SURGEON: Dr. Charles	Gregory	DRAINS:		
	ASSISTANTS: -Drs. Osbor	ne and Parker	APPLIANCES	:	
	SCRUB NURSE: <u>Rutherford</u>	CIRC. NURSE: <u>Schröder</u>	CASTS/SPLIN	TS;	
	SPONGE COUNTS: 1ST	DRU-	gs	I.V. FLUIDS AND	BLOOD
2	. 2ND			I.V. FLUIDS AND	
	COMPLICATIONS: None		Kar EX	1	
l	CONDITION OF PATIENT:	Fair + /	7 (00)	, , /	1
TO BE DICTATED BY SURVEON	Clinical Evaluation: While pair of the chest inj prepped in the routin stockinette, the only dorgal respect of the shalt was approximate some considerable consurface of the wrist The wound of entrance from the redial side of the shall was noted that the fragments of bone to cortex which lay free fragment perhaps 3 mm countered at various fied and could be pic partment for identifi in the superficial laislide of the arm sour understanding the this accounts for the and complete a debrid flexor tendons and the wound of exit on the while the wound of exit on the	still under general anestury by Dr. Robert Shaw, the fashion after shaving. It addition was the use of a right wrist over the junctly two cm in length and retusion at the margins of it about two cm above the fi was carefully excised and of that bone to the bone it tendon of the abductor per tendon of the abductor per tendon of the subsequent in the wound and had not in length was subsequent levels throughout the would ked up were picked up and cation and examination. The yers and to some extent in the patient was wearing deposition of such organicement as could be carried to make the purpose of drainage sheet.	thesia and follower right upper ever it was debridement partition of the distriction of the tendent and these were have been submittroughout the won on the tenden and onsistant with fa Mohair suit at command the material with out and with an article material with a material with a material with a material with a material w	ving a thoracotomy thremity was thoractomy the routine fash. The wound of each of the country of the country of the wrist and in agh the muscles as fracture was encired to the country of the and consisted ections, another in bits of metal we wherever they we ted to the Patholand the way at an tendon sheaths on the bits of Mohait the time of the in the wound. Aft apparent integritarily with wire in the rough irriginarily with wire in the routine of the country of the	y and re-coughly ion using ntry on the radius and save with the volar the midline. In the midline outered, by two small of lateral much smaller ere energial depth of the radius of the radius of the radius of the radius of the sation the sutures

## PARKLAND MEMORIAL HOSPITAL OPERATIVE RECORD

Governor John Connally # 26 36 99

11-22-63

. Ortho

DESCRIPTION OF OPERATION (Continued): This is indefinite from the presence of Mohair and organic material deep into the wound which is prone to produce tissue reactions and to encourage infection and this precaution of not closing the wound was taken in correspondance with our experience in that regard.

In view of the urgancy of the Governor's original chest injury it was impossible to definitely ascertain the status of the circulation into the nerve supply to the hand and wrist on the right side. Accordingly, it was determined as best we could at the time of operation and the radial artery was found to be intact and pulsating normally. The integrity of the median nerve and the ulnar nerve is not clearly established but it is presumed to be present. Following closure of the volar wound and partial closure of the radial wound, dry sterile dressings were applied and a long arm cast was then applied with skin tape traction, rubber band variety, attached to the thumb ad index finger of the right hand. The Figh An attitude of flexon was created at the right elbow, and post operatively the limbus suspended from an overhead frame usingtape traction. The post operative diagnosis for the right forearm remains the same and again I suggest that you incorporate this particular dictation together with other dictations which will be given to you by the surgeons concerned with this patient.

CG:bl

Commission Exhibit 392—Continued

поом: 220

STATUS: Pvt.

### PARKLAND MEMORIAL HOSPITAL

OPERATIVE RECORD

NAME: Connally, John

UNIT # 263699 A #24842

DATE: Nov. 22, 1963	AGE: RACE: W/M			
PRE-OPERATIVE Gunshot Wound, Right Chest, Right Wri	st, Left Thigh			
POST-OPERATIVE Same				
Exploration and Debridement of (*See books of Gunshot Wound of Left Thigh	elow) BEGAN: 16:00 ENDED: 16:20			
ANESTHETIC: General BEGAN: 13:00	ANESTHESIOLOGIST:Geisecke			
SURGEON: Dr. Shires	DRAINS:			
Drs. McClelland, Baxter and Patman	APPLIANCES:			
SCRUB Oldrer CIRC. Schröder	CASTS/SPLINTS:			
SPONGE COUNTS: 1ST <u>Correct.</u> PS DRUGS	I.V. FLUIDS AND BLOOD			
*This portion of the operation is in the left thigh. The chest injury orthopedic injury to the arm by Dr.	has been dictated by Dr. Shaw, the			
CONDITION OF PATIENT:				
Clinical Evaluation: There was a 1 cm. punctate missile wound over the juncture of the middle and lower third, medial aspect, of the left thigh. Xrays of the thigh and leg revealed a bullet fragment which was imbedded in the body of the femur in the distal third. The leg was prepared with Phisohex and I.O. Prep and was draped in the usual fashion.  Operative Findings: Following this the missile wound was excised and the bullet tract was explored. The missile wound was seen to course through the subcutaneous fat and into the vastus medialis. The necrotic fat and muscle were debrided down to the region of the femur. The direction of the missile wound was judged not to be in the course of  Description of Operation: the femoral vessel, since the wound was distal and anterior to Hunter's canal. Following complete debridement of the wound and irrigation with saline, the wound was felt to be adequately debrided enough so that three simple through-and-through, stainless steel Aloe #28 wire sutures were used encompassing skin, subcutaneous tissue, and muscle fascia on both sides. Following this a sterile dressing was applied. The dorsalis pedis and posterior tibial pulses in both legs were quite good. The thoracic procedure had been completed at this time, the debridement of the compound fracture in the arm was still in progress at the time this soft tissue injury repair was completed.				
fs	Tom Shires, D.			

Commission Exhibit 392—Continued

	·		
		ROOM:	status: \$
PARKLAND MEMORIAL HOSPITAL		NAME: Oswald, Lee Harvey	
OPERATIVE RECORD		EOR 25260	
DATE: 11/24/63	Surg.	AGE: 24 Yr.	race: W/M
PRE-OPERATIVE upper DIAGNOSIS: GSW of/abdomen and <u>chest with massive</u> bleeding			
POST-OPERATIVE Major vascular inju	ury in abdomen an	nd chest	
Exploratory laparotomy, the			1'15"
OPERATION: to repair aorta		BEGAN: 1142	Dr. M.T. Jenkins
ANESTHETIC: General BE	IGAN:1142	AN ESTHESIO	
SURGEON: Dr. Tom Shires		DRAINS:	-
ASSISTANTS: Dr. Perry, Dr. NcClelland, Dr. Ron Jones APPLIANCES:  SCRUB NURSE: Schrader-Lunsford  2 counted sponges missing when body closed. Square pack count correct.  SPONGE COUNTS: IST  2 Ca chloride - 3 vials  3-1000 cc. lactated Cedilanid - 12  Ringer's solution One molar lactate-6  Complications:  COMPLICATIONS:  Adrenalin 1:1000 - 3  Located Ringer's Solution  Consolution  Clinical Evaluation: Previous inspection had revealed an entrance wound over the left lower lateral chest cage, and an exit was identified by subcutaneous palpation of the bullet over the right lower lateral chest cage. At the time he was seen preoperatively he was without blood pressure, heart beat was heard infrequently at 130 beats per minute, and preoperatively had endotracheal tube placed and was receiving oxygen by anesthesia  Consolive full mage:  at the time he was moved to the operating room.			
Description of Operation: Under endotracheal incision was made. Bleeders were not opening the peritoneal cavity, appround in clots, were encountered. The identified as having shattered the upon the retroperitoneal area where there area of the pancreas. Following this side, and upon inspection there was sinferior vena cava, thence through the portion of the right lobe of the live the right kidney, which was bleeding, immediately, and the inferior vena calamp of the Satinsky type. Follow bleeding from the right kidney. Atte was massive from the left side. The	c apparent and no cimatoly 2 to 3 I see were removed. poor medial surfigures, bleeding was seen to be an existent of the superior pole or, and into the was identified, was hole was clam wing this immobilention was then t	one were clamp liters of bloo The bullet p ace of the spl coperitoneal h seen to be comit to the right of the right lateral, dissected framed with a partication, pack turned to the	ed or tied. Upon d, both liquid athway was then een, then entered ematoma in the ing from the right t through the kidney, the lower body wall. First ee, retracted rtial occlusion ing controlled the left, as bleeding

TO BE GON THEO BY CHROUT AFINS NURSE

TO BE DICTATED BY SURGEON

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Commission Exhibit 392—Continued

Tom Shires, M.D.

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a huge hematoma in the mid-line. The spleen was then mobilized, as was the left colon, and the retroperitoneal approach was made to the mid-line structures. The pancreas was seen to be shattered in its mid portion, bleeding was seen to be coming from the aorta. This was dissected free. Bleeding was controlled with finger pressure by Dr. Malcolm O. Perry. Upon identification of this injury, the superior mesenteric artery had been sheared off of the aorta, there was back bleeding from the superior mesenteric artery. This was cross-clamped with a small, curved DcBakey clamp. The aorta was then occluded with a straight DeBakey clamp above and a Potts clamp below. At this point all major bleeding was controlled, blood pressure was reported to be in the neighborhood of 100 systolic. Shortly thereafter, however, the pulse rate, which had been in the 80 to 90 range, was found to be 40 and a few seconds later found to be zero. No pulse was felt in the aorta at this time. Consequently the left chest was opened through an intercostal incision in approximately the fourth intercostal space. A Finochietto retractor was inserted, the heart was seen to be flabby and not beating at all. There was no hemopericardium. There was a hole in the diaphragm but no hemothorax. A left closed chest tube had been introduced in the Emergency Room prior to surgery, so that there was no significant pneumothorax on the left side. The pericardium was opened, cardiac massage was started, and a pulse was obtainable with massage. The heart was flabby, consequently calcium chloride followed by epinephrine-Xylocaine were injected into the left ventricle without success. However, the standstill was converted to fibrillation. Following this, defibrillation was done, using 240, 360, 500, and 750 volts and finally successful defibrillation was accomplished. However, no effective heart beat could be instituted. A pacemaker was them inserted into the wall of the right ventricle and grounded on skin, and pacemaking was started. A very feeble, small, localized muscular response was obtained with the pacemaker but still no effective boat. At this time we were informed by Dr. Jenkins that there were no signs of life in that the pupils were fixed and dilated, there was no retinal blood flow, no respiratory effort, and no effective pulse could be maintained even with cardiac massage. The patient was pronounced dead at 1:07 P.M. Anesthesia consisted entirely of oxygen. No anesthetic agents as such were administered. The patient was never conscious from the time of his arrival in the Emergency Room until his death at 1:07 P.M. The subcutaneous bullet was extracted from the right side during the attempts at defibrillation, which were rotated among the surgeons. The cardiac massage and defibrillation attempts were carried out by Dr. Robert N. McClelland, Dr. Malcolm O. Perry, Dr. Ronald Jones. Assistance was obtained from the cardiologist, Dr. Fouad Bashour.

DESCRIPTION OF OPERATION (confd.)