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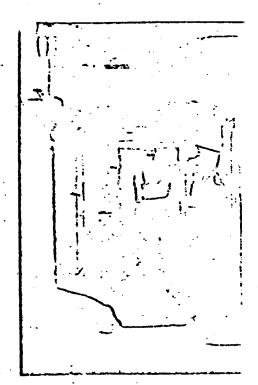
THE STATE

A top medicolegal expert el

President Eennedy's auto

By Marshall Houts

The expert is Dr. Milton II Helpern, who as chief medical examiner of New York City is one of the world's top medical detectives. He himself has either performed or supervised some 60,000 autopsics. The following article gives his eye-opening commentary on the Kennedy autopsy, which remains one of the most tantalizing pieces in the whole jigsaw puzzle of the assassination. The physicians who performed the autopsy, Dr. Helpern believes, weren't qualified for the job and were assigned to it on the false yet widely. held assumption that almost any doctor-can do an autopsy. Though they did their best under the difficult circumstances, he says, they simply weren't up to shedding light on how many bullets were fired and determining the angle from which those striking the President entered the body. Then, says Dr. Helpern, the Warren Commission failed badly to clarify the inedical issues of the President's death and thus cast doubt on its findings.



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was bungled!"

As chief medical examiner of New York City, Dr. Milton II. Helpern has either performed or supervised approximately 60,000 autopsics. About 10,000 of these have involved bullet wounds. No one else comes close to his vast experience in this aspect of forensic medicine. So it's with good reason that he's often asked for his views on President Kennedy's assassination and the Warren Commission's findings.

"The Warren Commission," Dr. Helpern says, "had an opportunity to settle once and for all a great many confusing doubts about the assassination. Yet because none of its members or its legal staff had any training in forensic medicine, that opportunity fell by the wayside."

But even before the commission came into being, Dr. Helpern feels, another opportunity to eliminate doubts and questions about the tragedy had been fumbled—by three physicians. He refers to those in charge of the autopsy on the President's body.

"I am amazed," Dr. Helpern says, "that the examination and evaluation of the President's wounds could have been handled in the inexpert manner the Warren Commission Report describes. For medical information, the F.B.I. relied on the three doctors who had performed the autopsy. The F.B.I. doesn't have its own experts in forensic medicine. It seldom investi-

Condensed from the book "Where Death Delights: the Story of Dr. Milton Helpern and Forensic Medicine" by Marshall Heats. Reprinted by permission of Goward-McCann, Inc. Copyright - 1967 by Marshall Houts. The author, a former F.B.I. accut, has written nine other books on legal matters, including an eight-reformation, and applied to the control of the

gates a murder, since murder usually involves a state jurisdiction only. So bullet wounds aren't the F.B.I.'s long suit."

To appreciate fully the gravity of Dr. Heppern's observations on the medical facets of President Kennedy's death, it's necessary to go back to the historic day of Friday, Nov. 22, 1963. Sometime between 12:30 p.m., when the tragedy struck in Dallas, and the arrival of Air Force One at Andrews Air Force Base just outside of Washington at 5:53 p.m., Mrs. Kennedy decided that the autopsy on her husband's body should be performed at the Naval Medical School in Bethesda, Md. She'd been given two choices: either the Army's Walter Reed Hospital or Bethesda. She selected the Naval Medical School because of the President's World War II service in the Navy.

The fact that the choice was left to Mrs. Keanedy, Dr. Helpein says, shows that "We're still under the delusion that an autopsy is a computerized, mathematical type of procedure, one that any doctor is capable of performing, especially if he is a pathologist. If he can run a correct urinalysis this automatically qualifies him as an expert on bullet wounds."

There can be no doubt but that this fallacious assumption was largely responsible for the rash of anti-Warren Commission books in the past three years. Their genesis can be traced directly to what was done and not done in an oper-

More on page 252

.. "President Ke. Jedy's autopsy was bungled.

Medicine's catapped gold mine

The accompanying article by blandall Houts presents the view of Dr. Miiton II. Helpern, chief medical examiner of New York City, that if the autopay on President Kennedyland been performed by experts, much light might have been shed on the assassination. The fact that the autopsy was bungled, says Dr. Helpern, is but one outstanding example of what can stem from our national neglect of forensic medicine—a specialty in which the ability to perform and interpret an autopsy is of major importance. Most incdical schools in the U.S. ignore forcasic medicine; only a small fraction of their graduates ever get sufficient exposure to the subject to know even what it covers.

"In communities all over the United States, unqualified doctors are called on to determine whether a bullet wound is a wound of entrance or a wound of exit; whether bruises about a deceased's neck are consistent or inconsistent with some police officer's theory of manual strangulation; whether a burned body was dead or alive at the time of the fire; whether a newlern infant found in a garbage can ever breathed or was stilliorn; whether a body found submerged in water drowned or was dead before it was thrown into the water; whether cuts and other marks on a body are consistent or inconsistent with a theory of suicide; whether death from a heart attack

occurred in fic an automobile accident and cauced the accident, or whether the accident occurred first and caused the heart allack; whether a stockbroker's anxietics gver a falling stock market caused his death so that his widow and children are chilled to payment under workmen's compensation laws; whether a workman's heart attack was caused by carbon monoxide fumes produced by a motor in the room where he worked; or whether any one of a hundred othor things took place in this whole great area of death that may con- . trol the happiness, liberty, peace, and financial security of the living who are left to deal with the trauma of death,"

Not only is medical education neglecting forensic medicine, eays Dr. Lielpern, but medical research also largely ignoces it. "I don't know of a single, solitary, major research project under way in the field of forensic medicine. There isn't any money available to research death. I have no quarrel with the billions being spent to explore space and send people to the moon and blars. I do think we're missing a bet here on earth that's a little closer to home, even though considerably less glamorous.

"Take the problem of determining the exact time of death. We haven't made any progress on that since I first got into this business. The body has the answer for us, just waiting to be discovered. But

who has the time or the high

"I want to see some will ized, well-financed tecrare. cets in every facet of this. of death. With proper rece. could, for example, device ods of determining the a mate age of a cloi in a c. artery. We could then de: whether an accident came (caused the clot, or whether t came first and caused the a. Liundreds of millions of de. insurance claims every yea. orthis one simple questi... at present we are operating; by medical guess.

"There are dozens and of other facets of the culdeath that must be researed our office alone, we now I: tailed records on almost 1.0 deaths. We don't have the ; nel or money to make en statistical arrangement of records for research pu. They are just filed away by A great many medical disc. in the past have been aid through the proper use of t. statistics. For all anyone ! the mawer to cancer or L... case or a dozen white t problems may be lying it. our filing system in the a examiner's office in New 11 we put all this dormant in. tion on tapes and into com; there's no way of even gu what discoveries might be a

aling room at the Naval Medical School in the evening hours the day of the assassination.

The burden of performing the autopsy on the President's body fell on Comer. James Joseph Humes of the Navy, a board-certified pathologist who described his qualifications in subsequent testimony before the Warren Commission: "I received my post-graduate training in pathology in various nával hospitals and at the Armed Forces Institute of Pathology at Walter Reed in Washington, D.C. My current title is Director of Laboratories of the Naval Medical School. . . . I am charged with the over-all supervision of all laboratory operations in the Naval Medical Center, two broad areas: in the field of anatomic pathology, which comprises examining surgical specimens and post-mortem examinations, and in the rather large field of clinical pathology, which takes in examination of the blood and various body fluids.

"My type of practice has been more extensive in the field of natural disease than violence. However, on sevcral occasions in various places where I have been employed, I have had to deal with violent death, accidents, suicide, and so forth. Also I have completed a course of forensic pathology as part of my training. . . .

"My first assistant [at the autopsy] was Comdr. J. Thornton Boswell, whose position is Chief of Pathology at the Naval Medical School, My other assistant was Licut. Col. Pierre Finck, who is in the Wound Ballistics Section of the Armed Forces Institute of Pathology."

Commander Humes and Comman-More on page 257

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der Boswell were hospital pathologists, not forensie pathologists. The distinction is important. The hospital pathologist performs his autopsics on cases where death occurs in a hospital usually as a result of some natural disease process. The cause of death is presumed in the great majority of eases because the patient has been under medical treatment. The autopsy is performed to confirm the diagnosis or for research or other academic purposes.

The foreisic or medicolegal autopsy has an entirely different setting. The death is usually not attended by a physician. The exact cause of death is crucial because of the legal implications. There may or may not be a suggestive or presumptive lead to guide the autopsy surgeon. If there is a lead, it's frequently misleading. The hospital pathologist is as much out of his field when he attempts a medicolegal autopsy as would be the chest surgeon who attempted a delicate brain operation.

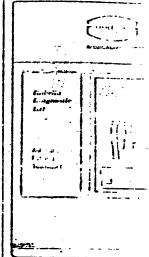
Colonel Finck stated his professional qualifications this way to the Warren Commission: "I had four years of training in pathology after my internship, including two years of pathology at the University Institute of Pathology in Geneva, Switzerland, and two years at the University of Tennessee. . . . From 1955 to 1958 1 performed approximately 200 autopsies, many of them pertaining to trauma including missile wounds, [while] pathologist of the United States Army Hospital in Frankfurt, Germany. . . .

"For the past three years I was chief of the Wound Ballistics Pathology branch of the Armed Forces Institute of Pathology. In that capacity I reviewed personally all the eases forwarded to us by the Armed Forces and some civilian cases from the United States and our forces overseas ... approximately 460 cases... I was certified in pathology anatomy by the American Board of Pathology in 1936 and by the same American Board of Pathology in the field of forensic pathology in 1961."

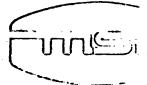
Of the 200 autopsics he performed in Frankfurt, Germany Colonel Finck did not give the number that involved bullet wounds in the body. He used the vague term "many." As to the 400 cases during his tenure at the Armed Forces Institute of Pathology, he says, "I reviewed [them] personally," Colonel Finek's 400 "reviewed" cases clearly were not eases in which he presided at the autopsy table and attempted a personal determination as to whether a bullet wound, in the body was a wound of entrance or a wound of exit. His duties at the Institute were administrative and supervisory. They did not include the performance of autopsics.

These were the three men charged with the responsibility of evaluating President Kennedy's gunshot wounds. They were all officers and gentlemen and accomplished in their respective fields of general pathology. Regrettably, their field was not bullet wounds. This autopsy was forced on them by circumstances over which they had no control. They dared not refuse it.

The natural discomfort of the three autopsy surgeons working in an unfamiliar area—personally evalu-More on page 260



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.. "President Ky dy's autopsy was bungle

ating bullet wounds at the autopsy table—was odensified by a goldfishbowl atmeaphere. The arena was jammed with F.B.I. and Secret Service agents to dayarious other persons.

Later, Commander Humes described four wounds in the President's body—two wounds of entry and two wounds of exit. One of the head wounds was located 2.5 centimeters to the right and slightly above the external occipital protuberance. It measured 6 by 15 millimeters.

The second head wound was massive, measuring approximately 13 centimeters in its greatest diameter. It was difficult to measure accurately because multiple crisscross fractures of the skull radiated from the large defeet. It involved the right and frontal portion of the skull, which had been exploded off by the force of the bullet. During the autopsy, Federal agents brought the surgeons three pieces of bone recovered from Elm Street in Dallas and from the Presidential automobile. When put together, these fragments accounted for approximately three-quarters of the missing portion of the skull.

There was another wound near the base of the back of the President's neck, slightly to the right of his spine. It was described as being approximately 14 centimeters from the tip of the aeromion and the same distance below the tip of the right mastoid process. This wound measured 7 by 4 millimeters. It had clean edges and was sharply delineated.

The fourth wound was just below the Adam's apple. Commander Humes described it this way: "There was a recent surgical defect in the low anterior neck, which measured

some 7 or 8 centimeters in hor let's say a recent wound in this area. This we at through the skin, through the taches, and into the Or rather into the tracker. President.... I had the improm seeing the wound that resented a surgical tracker wound."

• Moses only on the morning ing the autopsy, when the inbody was already resting in to House, that Commander He a telephone conversation v. Malcolm O. Perry in Dallas, that the "surgical" throat wo actually a bullet wound of by the tracheostomy Dr. Ic. performed.

The autopsy began well : Commander Humes describtestimony to the Warren Conn. "The President's body was re-25 minutes before 8, and topsy began at approxim-P.M. on that evening. . . . i. before the post-moriem can was begun, auterior, parterlateral X-rays of the head antorso were made, identificat photographs of the full tac late President, and a ple showing the massive head with the large defect that we ated with it. To my reconcof these were made before ceedings began. Several of proximately 15 to 20 in mand made in total before we imi proceedings."

The taking of X-rays wave ing beginning. This should be any bullet wound case. The ings of bullets inside the laur

both before and after death are often so bizarre that the only practical way to locate them is through the use of diagnostic X-rays.

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The next routine step in any competenemedicologal autopsy involving bullet vounds, after the external examination and the X-rays, is to probe the track of the bullet. A stainless steel rod of small diameter is gently inserted and carefully guided through the wound track? This permits an ex-≈act ≈determination of the course of the bullet through the body, its point and angle of entrance, and its point and angle of exit.

Commander Humes made a fumbling effort to probe with his finger the neck wound track that had an entrance perforation of no greater than one-quarter of an inch in di-

ameter. While it is readily understood that not all bullet wounds can be probed, paril, alarly those that strike bone, the would tracks of bullets that course directly through the body and strike only soft tissue can usually be probed by autexperienced forensic

There are complicating factors that. confuse the novice. "At times," says Dr. Helpern, "the body seems to defy physical laws akk responds to a bullet projected from a gun. Of course, there's a physical explanation for the bizarre paths that some bullets take. but people who haven't had any substantial experience with bullet wounds can be completely misled. If the bullet encounters only soft tissues, it will follow a relatively straight More on page 264

pathologist.

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Medical Economics

.. Kennedy's mtales

line. But if it strikes bone, it's hard to predict just where it will go."

He illustrates his premise by pointing out that probably no more than half the people who attempt suicidable shooting themselves in the heart are successful. The bullet strikes the breastbone and is deflected so that it continues around the rib cage, between the bone and the skin. It may come out at the back of the body after causing nothing more than superficial injury; or it may lodge just under the skin, between the skin and the backbone.

Next to bone, the skin offers the greatest resistance to the penetration of a bullet. There are thousands of reported cases in which a bullet passed all the way through the body, only to come to rest just under the skin on the side opposite the point where it entered. The bullet had spent so much of its force that it could not exit through the thin but tough barrier of the skin.

"In about 20 per cent of bullet wounds in the head," Dr. Helpern continues, "the bullet enters and passes through the cranial cavity, then ricochets off the inner table of the skull in a completely different direction. It may carom around inside the skull like a billiard ball bouncing against the cushions of a billiard table."

Even allowing for the vagaries of individual bullet wounds, it has been possible to formulate some general principles that permit the experienced forensic pathologist to be reasonably accurate in his calculations. Regardless of the number or position of the bullet wounds in a given case, the first step is to determine whether

each is a wound of entrance or a wound of exit.

When a bullet strikes the skin, it first produces a simple indentation because the skin is both tough and elastic and the tissues undernrath aren't rigid and resistant. Inis stretches the skin immediately under the nose of the bullet. The bullet. which is rotating as well as moving forward, is definitely slowed up at . i the point of first contact, but it then more or less bores its way through the skin end the tissues underneath and courses on into the body. The skin is stretched by the bullet at the point of entry, then returns to its former condition. Thus the size of the wound of entrance appears smaller than the diameter of the bulier that made it. Usually there is only a small amount of bleeding from wounds of entrance, since tissue destruction at this point isn't great. However, this applies only to wounds from bullets fired at distances in excess of 15 to 13 inches.

Wounds of exit are usually larger than the bullet, since the bullet tends to pack tissues in front of it. These wounds are ragged, torn, and sometimes have shreds of fat or other internal tissues extrading out of them. So wounds of exit may bleed far more extensively than wounds of entrance. However, this is not invariably the case.

"The medical examiner," Dr. Helpern says, "must be on guard for the bizarre, the one-in-a-million case. Such a case is no job for the beginner or the man whose knowledge is limited to what he's learned from a few lectures and textbooks."

Another complicating factor for

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.. Kennedy's autopsy

the exact location of the exit wound made by the bullet. (They did this, of course, only after they'd learned following the autopsy that the throat wound wasn't purely surgical.)

The autopsy on the President's body continued until 11 P.M. Then the body was released to those who would prepare it for burial and Jake it to the White House, where it arrived at 4 o'clock Saturday morning, Nov. 23.

The weeks following the President's death flowed into months as the F.B.I. and Secret Service painstakingly assembled the evidence, item by item, for formal presentation to the Warren Commission. The world waited expectantly for clarification of the bullet wounds.

An aura of confusion clouded the picture-due primarily to statements made by some of the doctors at Parkland Memorial Hospital in Dallas at a press conference a short time after the Presidential party left for the return trip to Washington. These doctors, who had worked skillfully at the impossible task of restoring life to the dead President, had observed the wound in the President's throat. Dr. Perry, the Dallas surgeon, described it as approximately 5 millimeters in diameter. It was exuding blood, which partially hid edges that were Incither clear-cut, that is, punched out, nor very ragged."

At no time during the interval that the President's body was in Parkland Memorial Hospital did any of the doctors turn it so that the back portion of the body could be viewed or examined. They therefore interpreted the wound in the front part of the neck as being a wound of entrance. No legitimate criticism can be directed against the doctors in Ballas. They performed their rutile tasks ereditably. None of them had any great experience with bullet wounds, and they couldn't be expected to make a definitive interpretation of whether the neck wound was a wound of entrance or a wound of exit.

But this, says Dr. Helpern, should have been determined at the autopsy. The major problem in any gillahot case, of course, is to determine which is the wound of coury, and the wound of exic. This is basic, All the critics of the Warren-Commission Report would be left daugling in mid-air unless they could suggest that the hole in the front of the President's throat was a wound of entrance. Deprive them of this opportunity for specilation and vou pull the rug right out from under them. Give it to them-and they now have it-and they can bring in all kinds of unreliable cyewitness reports of shots coming from the bridge across the underpass or from behind the screen of trees in Dealey Plaza, and pulls of blue smoke that remained suspended in the air. Smoke from gunshots, by the way, just doesn't behave like that!"

Specifically, how could a positive determination have been made at the autopsy that the throat wound was a wound of exit or a wound of entrance? Wasn't the throat wound gone at the time of the autopsy? In one place, the Warren Commission Report states: "At that time they [the autopsy surgeons] did not know that there had been a bullet hole in the front of the President's neck when he arrived at Parkland Hospital [in Dallas] because the tracheostomy in-

ennedy's autopsy

cision had completely climinated that evidence." At another point is a report says: ". . . since the exit wound was obliterated by the trackeestomy,"

Says Dr. Lielpern: "The stad members who wrote that portion of the report simply did not know enough to seek medical guidance. Here's what the autopsy protocol says about this throat wound: 'It was extended as a tracheostomy incision, and thus its character is distorted at the time of autopsy.' The key word here is cxtended. That bullet wound was not 'climinated' or 'obliterated' at all. What Dr. Perry did at Dallas was to take his scalpel and cut a clean slit away from the wound. He didn't excise it, or cut away any huge amount of tissue, as the report writer would have you believe."

What about the statement that the character of the throat wound had been "distorted"? "Certainly," says Dr. Helpern, "its character was distorted in the sense that the original wound was extended but this throat wound could still have been evaluated. Its edges should have been carefully put back together and restored to their original relationships as nearly as possible. It should have then been studied and finally photographed. By comparing this throat wound with the wound in the back of the neck, there should have been no room for doubt as to which wound was of entry and which of exit. This would automatically establish the course of the bullet, whether from front to back, or back to front."

Why wasn't this the procedure followed?

"I can only speculate. In the first place, it was the autopsy doctors' lack

of experience. Secondly, at the time they finished their autopsy and closed the body so that it could be prepared for burial, they still labored and ... the illusion that the build had ontered the back of the neck, had somehow been stopped to its pain, and had then fallen out. So they believed "that the hole in the back of the need was both a wound of entrance and a wound of exit. They thought the throat wound was nothing more than a surgical wound, so they left these was no need to pay it any special attention."

Why did the Warren Commission as distinguished from the autopsy surreons, fail to clarily the medical issues of the President's death?

"H failed," Dr. Helpern mys. "Le cause it did not have sufficient knowedge in the field of forensic medicia. even to appreciate the need to call i. an expert with experience in bulk wounds. This lack is evident in the onicial report itself. For example, a includes all sorts of meaningless pic tures of Marina Oswald, Oswala mother, Oswald as a young boy. Jac-Ruby's employes or girl friends : varying states of attire, and his X-rays of Governor Connally's bad-But the X-rays of President Kennedy body weren't considered significanenough to the investigation to L filed as exhibits to the repair 20 same holds true of the black an white and the color pictures of the bullet wounds. These were here seen by the commission members, it staff, or even the autopsy surfice... before the report was finalized. In commission said that it would to press' for the X-rays and photograp. More on page 2,

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because these would merely correborate the findings of the doctors who had conducted the antopsy and that considerations of 'good taste' precluded their publication."

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"If it were necessary to a absolutely true to scale," Cor Humes replied, "I think it v virtually impossible for la. this without the photograp! is most difficult to transmit it. cal measurements by word a situation as it was seen to u eye. . . . I cannot transmit ca to the illustrator where [the: were situated."

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posed were so stringent that the real investigative purpose of taking the photographs and the X-rays was completely obscured.

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What might the X-rays show to an experienced observer that could have been completely overlooked by the nonexpert?

"My first interest," says Dr. Helpern, "would be to see whether there could be another bullet or fragment of bullet in the body that has not been accounted for. The commission concluded that the evidence indicated that three shots altogether were fired. Only one relatively intact bullet and the fragments of a second bullet were found. This leaves a missing third bullet. I definitely do not agree with the commission's conclusion that only two bullets caused all the wounds suffered by both President Kennedy and Governor Connally.

"Since the X-rays of the President's body were not filed as exhibits, we must rely entirely upon the observations of the Navy doctors that they skillfully eliminated the possibility that a third bullet, or a fragment of some bullet, did not enter the body and somehow meander down to come to rest in some illogical, remote spot. Apparently the doctors did not feel confident enough to rely on the X-rays during the autopsy when they tried to go probing for the bullet that was found on the stretcher in Parkland Hospital.

"I-would also look for trace fleeks of metal that might indicate another head wound. This possibility is extremely remote; but it still exists. Quite often, wounds of entrance in the head are completely overlooked More on page 282

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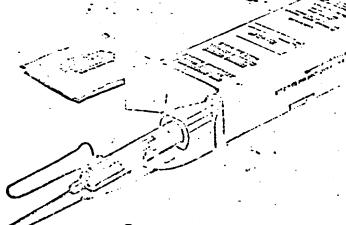
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because they are covered in the hair. The wound in bleed at all, If you don't to and go over the entire scan inch, it's easy to miss a her entirely. There is no cylothis type of examination we would the X-rays help whether the two wounds in area were wounds of entraexit?

"No. An X-ray film is noted than a photographic recordifferent densities of tissues which the X-ray beam has p will not record defects in the soft tissue that have been can bullet passing through."

What about the black an and the color photographs?

These could be of considerate terest and value. A lot would on their quality and how the exposed. Hopefully, they conconsiderable light on the wounds. I would, of course, terested in what the picture rear neck wound would should be particularly interesteding whether the pictures throat wound are good enough mit it to be evaluated and preconstructed."

Where else can the Warren mission be faulted for what it failed to do?

"Their failure to call in so, who knew something about wounds led them into the fam of buying Assistant Counsel Specter's theory that the same that passed through the Fresincek was the bullet that wounded Governor Councily, tering his fifth vit. to assisting a

in his wrist, and finally going on to slash his thigh. Now, this bizarre path is perfectly possible. When you are working with bullet wounds, you must begin with the premise that anything is possible; but Mr. Specter and the commission overlooked two important things.

"In the first place, the original, pristine weight of this bullet before it was fired was approximately 160-161 grains. The weight of the bullet recovered on the stretcher in Parkland Hospital (Conngission Exhibit 399) was reported by the commission as 158.6 grains. This bullet awasn't distorted in any way. I cannot accept the premise that it thrashed around in all that bony tissue and lost only 1.4 to 2.4 grains of its original weight. I cannot believe either that this bullet is going to emerge miraculously unscathed, without any deformity, and with its lands and grooves intact.

"Secondly, Mr. Specter and the commission have asked too much from this bullet. The energy of the bullet is sometimes so spent that it can't quite get out through the final layer of skin, and it comes to rest just beneath the outside layer of skin. If it does get through the skin, it may not have enough energy to penetrate even an undershirt or a light cotton blouse. It has exhausted itself and just more or less plops to a stop.

This single-bullet theory requires us to believe that this bullet went through seven layers of skin. It passed through the back of the President's neck, then out through his throat; it entered the Governor's back and out through his chest; it next entered the skin on the back of

his wrist; it came out through the layer of shia on the inside of his wrist; and it apparently penetrated the layer of skin on his left thigh. In addition to these seven layers of tough human akin, this bullet supposedly passed through other layers of soft tissue; and then these shattered bones!

"I just can't believe that this bullet had the force to do what Mr. Specter and the commission have demanded of it; and I don't think they have really stopped to think out carefully what they have asked of this bullet for the simple reason that they still do not understand the resistant nature of human skin to bullets."

Do these conclusions sheet at on the order of the shots?

"In my opinion, this bear preserved bullet that was a the hospital was the first bull was fired. It passed through it dent's neek, exited from the wound, and was stopped by hiring, or just plopped out of in into his clothing. I've seen hur of such cases."

What about the commissical clusion that this bullet was real Governor—Connally's stretci. Parkland Hospital?

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More on pa



"All I said was we have to cystoscope you again."

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have been reputed, the significance of which is not known as this time.

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least. No on will ever know for sure which stretes, r this bullet came from. In my opin, a, the probabilities are that it fell ove of the President's clothing while the doctors were administering to him in the hospital. For the sake of argument, however, let's assome that it was found on the Covernor's stretcher. This still does not rule out the premise that it was the first bullet that passed through the President's neck. That spent bullet could just as easily have taken an erratic jump out of the President's clothing and lodged in Governor Connally's clothing. These things happen with bullets."____

Do you agree with Governor Connally that he was struck by the second bullet?

"Yes, I definitely do. His testimony is most persuasive. In my opinion, the second bullet that wounded Governor Connally is the bullet that is missing.

Shouldn't this bullet have been found during the careful search of

the linousine in which the ta were riding?

"Not necessarily, It is not to at all for spend bullets that passed through a human books lost. If I had to venture a garage what happened to the buje: wounded Governor Connail, would suggest that it fell out of Pants leg while he was being renafrom the car and placed on stretches or it could just as w have fallen out at any stage of). hospital esperience."

And the third bullet?

The third_bullet quite obvious is the one that caused the Presidenc massive head wound and his death Also, either a fragment from this bullet, or a piece of skull, caused tree cracking of the windshield and the dent in the windshield chrome on the interior of the limousine, provided these marks on the car were not already present at the time the shooting began."

Is there anything in the over-all pic-

Uncle Sam, fall Euy

Recently I received for my approval a California Medicare prescription that made me blink. It read: "For an Ambulance Service House Call. From: Floor. To: Back to bed." Apparently, the patient had fallen out of bed and her husband had called a private \ ambulance. When it came, the driver and the orderly lifted the patient back into bed. For this extensive service, Uncle Sam was to be billed \$26—the local minimum for an ambulance service call. I figured the cost per mile of such transportation, based on a floor-to-bed distance of 3 feet, at \$45,756. Approval withheld. -Robert L. Colc, M.D.

ture that can be considered to east serious doubt on the principal conclusions that were reached by the Warren Commission?

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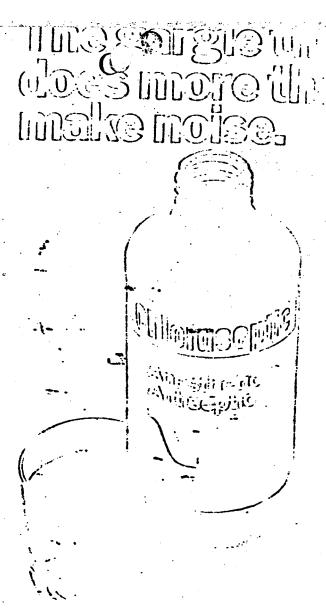
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"I haven't seen the pictures and the X-rays of the Fresident, but on the basis of the evidence that has been made public, the commission reached the correct opinion that all three bullets were fired by one rifleman from the sixth-floor window of the Texas. School Book Depository Building. But the unfortunate autopsy and other procedures have opened the door and invited in the doubt and suspicion that have enveloped their work."

Is there anything specifically that Dr. Helpein would like to see done at this point?

"It may well be too late to do anything, since the primary evidence is gone. There is a possibility, however, that the X-rays and photographs of the President's wounds might contain some clarifying information. I would certainly feel more comfortable about the commission's findings if a group of experienced men, who have had a great deal of practical work in bullet wound cases, could take a look at these X-rays and pictures. I have in mind men like Dr. LeMoyne Snyder, author of 'Homicide Investigation,' Dr. Russell Fisher, the chief medical examiner for the State of Maryland, Dr. Frank Cleveland in Cincinnati, and Dr. Richard Myers in Los Augeles. These men are all members of the American Academy of Forensic Sciences. [Giving such men a chance to examine] these pictures and Xrays, might, and I emphasize might, settle the questions raised by the critics once and for all." was



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