11/09/92 18:24 (QAIRLR) PAGE 002

DEATON,DANNY MONROE M 41
ACCT/MR# 5816962/0278597 DOB:11/28/50
SERV: 3RD SSOU 030302 ADM:11/08/92
MD: NAAM, NASH MD
DX: GUN SHOT WOUND RT HAND

OPERATIVE REPORT

REQ#: 4-314-006

PRELIMINARY NOTES: MR. DEATON IS A VERY PLEASANT 41 YEAR OLD RIGHT HAND DOMINANT MALE PATIENT WHO SUSTAINED AN ACCIDENTAL CLOSE RANGE HIGH-POWERED RIFLE GUNSHOT WOUND TO THE RIGHT HAND WHILE HE WAS CLEANING HIS LOADED RIFLE. THE PATIENT SUSTAINED AN EXTENSIVE INJURY OF THE RIGHT HAND. THERE WAS AN ENTRY WOUND ON THE DORSAL ASPECT OF THE FIRST WEB SPACE MEASURING 3 X 2 CM. WITH TATTOOING OF THE EDGES OF THE SKIN WITH BLACK POWDER. THAT WAS THE ENTRY WOUND. THE EXIT WOUND WAS MORE EXTENSIVE, AND IT WAS ON THE VOLAR ASPECT OF THE WRIST AND THE HAND INVOLVING THE WHOLE RIGHT THENAR EMINENCE AND EXTENDING ULNARLY TOWARDS THE ULNAR SIDE OF THE WRIST ACROSS THE VOLAR ASPECT OF THE WRIST. THE EXIT WOUND MEASURED 8 X 3 CM. THE X-RAYS REVEALED EXTENSIVE COMMINUTION OF THE WHOLE LENGTH OF THE THUMB METACARPAL EXTENDING FROM THE ARTICULAR SURFACE OF THE TRAPEZIOMETACARPAL JOINT AND EXTENDING TO THE ARTICULAR SURFACE OF THE METACARPOPHALANGEAL JOINT. THERE WAS A SIGNIFICANT DEGREE OF BONE LOSS. THE THUMB WAS FOUND TO BE VERY UNSTABLE. THERE WERE FRAGMENTS OF THE BULLET INSIDE THE METACARPAL SEEN ON THE X-RAY.

PROCEDURE: THE PATIENT WAS BROUGHT TO THE OPERATING ROOM WHERE HE WAS PLACED ON THE OPERATING TABLE IN A SUPINE POSITION WITH THE RIGHT HAND PLACED OVER A SIDE TABLE. AFTER SATISFACTORY ADMINISTRATION OF GENERAL ENDOTRACHEAL ANESTHESIA, THE RIGHT UPPER EXTREMITY WAS PREPPED AND DRAPED IN THE USUAL ASEPTIC MANNER. THE WHOLE OPERATION WAS PERFORMED UNDER MAGNIFICATION OF 3.5 USING SURGICAL LOOPS. THE RIGHT UPPER EXTREMITY WAS EXSANGUINATED. THEN THE TOURNIQUET WAS INFLATED TO 275 MM. MERCURY.

USING SIMPULSE IRRIGATION SYSTEM, THE EXIT AND ENTRY WOUNDS WERE THOROUGHLY IRRIGATED WITH COPIOUS AMOUNTS OF NORMAL SALINE. ALL THE JAGGED TATTOOED EDGES OF THE ENTRY WOUND WERE SURGICALLY DEBRIDED. THE JAGGED EDGES OF THE EXIT WOUND WERE ALSO DEBRIDED. MULTIPLE SMALL FRAGMENTS OF METAL WERE IDENTIFIED IN THE DIFFERENT LAYERS OF THE WOUND. THOSE FRAGMENTS WERE REMOVED. A LARGE PIECE OF THE BULLET WAS IDENTIFIED IN BETWEEN THE FRAGMENTS OF THE FRACTURED FIRST METACARPAL, AND THAT FRAGMENT WAS REMOVED. THERE WAS EXTENSIVE CONTAMINATION OF THE WHOLE WOUND. ALL THE DEVITALIZED TISSUES WERE SURGICALLY DEBRIDED. THE QUESTIONABLY DEVITALIZED TISSUES WERE LEFT ALONE. THE DEBRIDEMENT WAS VERY EXTENSIVE AND INVOLVED THE THROUGH-AND-THROUGH INJURIES AT THE ENTRY AND EXIT WOUNDS.

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