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AGO ltr 29 Apr 1980

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DEPARTMENT OF THE ARMY OFFICE OF THE ADJUTANT GENERAL WASHINGTON, D.C. 20310

IN REPLY REFER TO

AGAM-P (M) (7 Aug 68) FOR OT RD 682053 15 August 1968 SUBJECT: Operational Report - Lessons Learned, Headquarters, 22d Surgical Hospital, Period Ending 30 April 1968

SEE DISTRIBUTION

ic quist . 1. Subject report is forwarded for review and evaluation in accordance

with paragraph 5b, AR 525-15. Evaluations and corrective actions should be reported to ACSFOR OT RD, Operational Reports Branch, within 90 days of receipt of covering letter.

2. Information contained in this report is provided to insure that the Army realizes current benefits from lessons learned during recent operations.

3. To insure that the information provided through the Lessons Learned Program is readily available on a continuous basis, a cumulative Lessons Learned Index containing alphabetical listings of items appearing in the reports is compiled and distributed periodically. Recipients of the attached report are encouraged to recommend items from it for inclusion in the Index by completing and returning the self-addressed form provided at the end of this report.

BY ORDER OF THE SECRETARY OF THE ARMY:

tinneth G. Mickham

KENNETH G. WICKHAM Major General, USA The Adjutant General

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DEPARTMENT OF THE ARMY HEADQUARTERS 22ND SUBGICAL HOSPITAL (MA) APO San Francisco 96308

AVBJ GC-SC

30 April 1968

SUBJECT: Operational Report of 22nd Surgical Hospital (MA) For Period Ending 30 April 1968 RCS CSFOR-65 (R1)

THRU: Commanding General 山北h Medical Brigade ATTN: AVBJ-PO APO 96384

TO: Assistant Chief of Staff for Force Development Department of the Army Washington, D. C., 20310

1. Section 1, Operations: Significant Activities.

a. This unit received a series of messages from DA to prepare for deployment. The first was received on 23 Jugust 1967, with 4 subsequent messages changing POSD and PRD dates. The unit finally loaded TO&E equipment on flat cars on 15 November for shipment to Beaumont, Texas, and Red TAT equipment was loaded on trucks for movement to Long Beach, California on 21 November 1967. Personnel returned from leave on 1 December 1967 and were flown by American Flyer, departing San Antonio International 'irport, 1800 hours, 4 December and arriving at Long Beach at 2000 hours, 4 December where they were emberked onto the USNS UPSHUR. A total of 8 Officers and 74 EM boarded the ship.

b. Beginning 23 October 1967 the unit began 6 weeks of BUT to be followed by 7 weeks of AUT. However, frequent changes in PRD & ERD dates caused frequent modifications of training plane. This was particularly true in view of messages directing the . unit to requisition M-16 Rifles, which required many hours of additional weapons training above that which would have been necessary with the M-14 which the unit was armed at the time of receipt of movement orders.

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c. Unit arrived at Vung-Tau, RVN on 25 December and debarked on 26 December for movement by air (C-130) to Bien Hoa, and subsequently by truck to Long Binh, RVN, where a period of training, inventorying of equipment and supplies was initiated. The unit was assigned to the 68th Medical Group. On 2° January 1968, unit departed Long Binh for Saigon and further movement to Da Nang by LST, arriving in Da Nang on 3 February 1968. The unit was billeted and provided administrative support by the Marines located at Camp Books, while waiting further movement to operational destination. After more than 5 false alarms to proceed to the De Nang Air Base for movement to present location, the unit finally dispatched an advance party on 1° February and the main body arrived at 1705 hours, 20 February 1968. On 15 March 1968 the unit was further assigned to the 67th Medical Group.

d. The 22nd Surgical Hospital was assigned the mission in support of United States Army Vietnam, (USARV), other Free World Military Assistance Forces, end civilian war casualties located within Northern I CTZ. This mission requires the operation of a 140 bed medical facility capable of resuscitative surgery and medical treatment necessary to prepare critically injured patients for Evacuation. Further, the 22nd Surgical Hospital provides area medical support to units without organic support.

a. The 22nd Surgical Hospital became operational on 11 March 1968 and received 35 casualties (IRH') within the first 4 hours. The workload has been heavy and continual with a total of 1592 admissions and 1699 out-patient visits. This resulted in 438 major and 888 minor operations, with only minimal professional sugmentation.

f. Plans that would help future units in preparing for overseas movement are as follows:

(1) Insure the unit has on hand applicable movement regulations to include CONARC 700-1.

(2) Begin immediate screening of personnel records to determine personnel who are not qualified for oversens (i.e. brother in RVN, ETS, Profiles, Hardships, Pregnancies of dependent, etc.).

(3) Request essistance of major unit or Post personnel in immediate screening of eligible personnel.

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(4) Initiate a vigorous program of indoctrination. Wills, Powers of "ttorneys, allotments, transfer of household" goods and dependents. FR and Red Cross "ssistance.

(5) Begin immediate inventory of clothing and equipment to include Post Compand Station Property, PCR qualification to include immunization, and issue of clothing peculiar to the theater.

(6) Packing and Crating of RED TIT should be done under the supervision of an experienced Officer or NCO and in conjunction with Post Transportation. The importance of Planned packing and crating with adequate packing list which depicts a segregation of items commensurate with priorities needed upon arrival at overseas destinction is imporative.

2. Section 2, Lessons Learned: Commander's Observations, Evaluations and Recommendations.

a. Personnel:

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(1) Item: TO&E personnel inadequacies

Observations: Upon becoming operational it become obvious that one (1) Orthopedist MOS 3153 was grossly inadequate to provide care for the large par cent of casualties whose injuries were of the upper and lower extremities, as well as, provide necessary consultation for orthopedic cases from the crea dispensaries. It least two orthopedic Surgeons are needed in unit's present TO&E.

Evaluations and Recommendations: If an additional Orthopedist was authorized this unit, a higher degree of skilled s rvice could have been provided and thereby also eliminated the many man hours lost by perconnel writing for orthopedic consultation or the necessity of executing said patients a considerable distance to the netrost Evacuation Hospital.

> (2) Item: Refrigeration Specialist and Utility Pock Operators.

Observations: The present suthorization of one Refrigeration Specialist (51L20) and two (2) Utility Pack Operators (52020), does not efficiently provide adequate maintenance and supervision for this highly expensive piece of equipment on a continued 2h hour day bisis. Further, the Grade structure for both of the above MOS is not conducive to a Military Career since the grade suthorized is SPH EH. These PMOS require extensive schooling and above average intelligence, plus a high degree of mechanical skill to perform effectively.

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Evaluations and Recommendations: At least three (3) Utility Pack operators, one of which should be in Grade E-5 and one (1) Refrigeration Specialist also in Grade E-5 would provide necessary incentive for retention; and adequate coverage to insure that prop maintenance and repair of MUST peculiar equipment is accomplished effectively.

(3) Item: Nurse Anesthetist.

Observations: Current TO&E authorizes two (2) Nurse inesthetist MOS 3445. This number is grossly inadequate to provide assistance necessary in the operating room which must function 24 hours per day. The hospital is equipped with 3 Operating Rooms and a possibility of expansion in an emergen-cy to four, but due to the lack of additional anesthetist, this ability is severely limited, thereby necessitating evacuation of patients whose physical condition may be questionable-or delaying a much needed operation.

Evaluations and Recommendations: As a minimum, four (4) Nurse 'nesthetist PMOS 3445 are required if absolute minimum operating efficiency is to be maintained, and 5 for optimum efficiency. This permits maximum utilisation of profession 1 personnel and operating room equipment in lifesaving measures.

(4) Item: Radiologist.

Observations: A Radiologist Ps is currently authorized by TO&E cannot be fully utilized in MUST Surgical Hospitals. ,

Evaluations and Recommendations: An OJT trained General Medical Officer in Radiology could provide the need for the work done in this type facility. This is particularly true under the mission this unit now has. All X-R ys are reviewed by the surgeons and therefore the report of a trained Rediologist is not necessary. Further, pres nt mission does not permit elective coses.

(5) Item: Supply Specialist.

Observations: Current TO&E authorizes one Supply Sergeant, one Medical Supply Specialist MOS 76J20 (E-4) and one Unit Supply Specialist MOS 76Y20 (E-4). This is absolutely inadequate for the operation of present supply procedure and concept. This unit has, through necessity, sugmented its supply section with an additional 4 EM which is only adequate. Current requirement for Stock Record Accounts, and rapid turnover of medical supplies alone nocessitates at least two additional Medical Supply Specialists, and one Supply Clerk.

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VBJ GC-SC SUBJECT: Operational leport of 22nd Surgical lospital (12) For Period Ending 30 (pril 1968 .4C5 CSF0.4-65 (R1)

Evaluations and Recommendations: The continuous requirement to fulfill requests from various hospital sections requires two men only to fill requisitions, let slone the need for personnel to pick-up supplies from the air port, open store and inventory. Add four Supply Specialists to the TOZE.

(6) Item: Registrar and MaD Section.

Observations: The TOME does not outhorize a Registrar other than as an additional duty, which is totally insufficient. The MD sheets alone require skill and supervision, as well as, other administrative paper work which is necessary for admission and disposition of patients, and the myriad of records needing preparation therefor. Further, patients' valuables, and combat gear are time consuming administrative matters. Add to these, Casualty reporting, and a myriad of other required daily reports and present TOME authorization makes it completely impossible for a part time Registrar with only two (2) AMD clarks (MOS 71G20), to perform half of the above required duties and functions. (A total of 1034 patients rec ived in first 30 days of operation.)

Evaluations and Recommendations: /s a minimum, one Registrar must be added to the TOAD along with two additional (Add clarks, and a Clark-Typist to assist in the myriad of administrative typing of reports and records. Current authorization is obsolete and not at all in consonance with current administrative requirements.

b. Operations:

(1) Item: Murses

Observations: Then it can be determined in advance, the mission and possible location of a Surgical Mospital-particularly if it is to be assigned in a forward area, the full compliment of Nurses should be Hale. This renders more muscle for the initial requirement in setting up the hospital and its ancillary administrative facilities. It also eliminates separate quarters and toilet and shower facilities. Il Female Murses previously assigned to this unit were replaced by Hale nurses after units arrival in Country.

Evaluations and Recommendations: If as ignment of personnel could be made prior to units departure from CONUS, a great experience factor grined in MUST peculiar equipment could be a great advantage. /ssignment of Male Murses where possible in forward hospitals is more conducive to greater operational efficiency.

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(2) Item: OJT

Observations: The need for immediate OJT of medical personnel upon units arrival in Country where possible is of great advantage in familiarizing personnel with policies and procedures peculiar to the theater. Nurses, Joctors and other medical Corpsmen were placed on TOY with medical facilities in the vicinity shortly after arrival.

Evaluations and Recommendations: That as policy, units be granted where feasible, at least a week or 10 days for OJT of personnel in supervisory capacities as well as others where possible. This period of training will, when effectively applied, introduce in maky cases personnel to actual situations and the acceptable procedures and requirements of the theater or major unit.

(3) Item: Planning and an dvance Party

Observations: The many areas of operations, climatic conditions, problems encountered and procedural changes possibly warrants authorisation for an Advance Party of least 30-45 days be dispatched to RVN and return to CONUS for briefing of personnel prior to emberkation.

Evaluations and Recommendations: Such a party would have been invaluable to this unit had this information been available prior to its departure from DOAUS. In cases where hospitals are involved, it is importative that a more detailed knowledge of problem areas, administration, logistics, climatic conditions, living conditions, policies and procedures as well as, transportation and safe guarding of equipment and supplies be given the unit prior to its departure from CONUS. Further, this advance party could establish sorely needed lightson with higher headquarters and support elements. Flort dovement Orders then should authorize advance parties to the country for which alerted and return prior to departure of the unit.

c. Logistics:

(1) Item: Loading and Unlo ding of Hospital Equipment (405T)

Observations: Some rather severe domage resulted from improper handling and unloading if MUST peculi r equipment. Specific reference is made to Expandables and Ward Boxes, damaged prior to pick-up in-Country.

Evoluations and Recommendations: A OUST representative or Repairman should be present at all loadings and unloading of WoT peculiar equipment so as to advise personnel at Ports of sensitive equipment and recommend are in methods of loading and unloading.

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(2) Item: Ward Boxes

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ble.

Observations: Mard Boxes are not as durable as Conex Containers, yet their sizes are very approximate, and should be deleted from the MUNT Unit. Conex Containers could easily be substituted and would provide the following advantages:

(1) Stronger, therefore less likely to be damaged in loading or unloading.

(2) The Conex is currently an item of issue and probably cheaper.

(3) Conex Containers are readily available, whereas Ward Boxes are contracted for on special order in limited quantities from specified civilian contractors.

(4) Conex Containers are equally as transporta-

(5) Conex Containers are easier to store and retrieve equipment from because the doors open full length whereas Card Boxes doors open vertically.

Sveluctions and Recommendations: That Conex Containers be used to replice Mard Boxes currently issued as part of the MUST package. Cubic feet space of the Conex Container is 365 whereas that of the Fard Box is 3°2.

(3) Item: Blood Storage Salace

Observations: Present Blood storage equipment suthorized the MUT Laboratory is inadequate.

Evaluations and decommendations: Experience has shown that current blood bank storage equipment is grossly inadequate. As a minimum, at least one Jewitt Blood Bank should be authorized as an addition to the -UST Laboratory.

(4) Item: Shelving for MU T Sections:

Observations: The present MUST sections, i.e., CMS, Surgery, AAD and Pharmacy do not have provisions for required storage of su plies, linens, drugs and supplies.

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 30 /pril 1968

 SUBJUCT:
 Operational Report of 22nd Aurgical Hospital (MA)

 For Period Ending 30 pril 1968 RCS C3F0R-65 (R1)

Evaluations and Recommendations: Shelving Alumimum Bakery, collapsible, currently used in Refers would be an excellent addition to the NUD package. These items are currently in use in this hospital and they are light, do not require much space when loading, can be set up in a matter of minutes, also. They are used in all of the above sections of this hospital.

> (5) Item: Additional Major Items of Equipment Needed for Operation of a NUST hospital

Observations: The following minimum items of equipment not currently authorized by TOGE are needed:

- (1) Two (2) 10,000 gallon fuel bladders
- (2) Three (3) 3,000 gallon fuel bladders
- (3) Two (2) 30 KW generators
- (4) One (1) Truck, tractor, 5 Ton
- (5) Two (2) 5,000 gallon tankers (1 water and 1 fuel)
- (6) Hose and couplings for fuel lines

Evaluations and Recommendations: Recommend that the above items be included as part of TO&E for all MUST hospitals. Current TOWE does not provide storage tanks for fuel and water nor means of transporting same. The vast, rapid consumption of JP-4 fuel for utility packs as well as water supply for hospital operations and primets' care necessitates the above items of equipment for proper functioning.

d. Other:

Item: Personnel Augmentation

Observations: In mission type assignments such as this unit now has, personnel and equipment sugmentation is a dire necessity.

AVBJ GC-SC30 /pril 1968SUBJECT:Operational Report of 22nd Surgical Hospital (MA)For Period Ending 30 /pril 1968 RCS CSF0R-65 (R1)

Evaluations and Lecommendations: The augmentation of a clearing platoon and and ambulance detachment provides most of the augment tion necessary and experience has shown this to be a workable solution. However, additional mess personnel are still required.

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AVBJ GC-0 (30 Apr 68) 1st Ind

SUBJECT: Operational Report of 22nd Survicel English (....) for Period Ending 30 April 1968, RCS CSFUE-65 (....)

DE, EQ, 67th hedioal Group, APO 96337 10 May 1968

TC: Commanding General, 44th hedical Brigade, Al-O 96384

Reference Section 2.

8.

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(1) Concur. Experience throug out Vietnem indicates a requirement for the assignment of two orthopedic surgeons to each surgical hespital.

(2) Concur in the proposed upgrading of DET equipment operators.

(3) Concur in the requirement for four anesthetists.

(4) The requirement for a radiologist at a surgical hospital does exist. However, the scope of his duties dictate assignment of a D3306 rather than a more highly trained radiologist.

(5) The current authorization for supply trained personnel is adequate. However, there is a definite need for at least two more personnel in the supply section to accomplish the non-skilled portion of the job, thus freeing the trained supply personnel for supply record maintenance.

(6) Concur in the requirement for a registrar (LOS 2431) and two additional medical records specialists (LOS 71620).

b.

(1) Concur. The assignment of male nurses to a surgical hospital in this environment is mandatory.

(2) Concur. Experience at this headquarters indicates that the procedure outlined in observations has been utilized whenever possible.

(3) Concur. The present procedure requires receipt of unit movement orders prior to authorization for movement of the advance party. If this procedure cannot be modified, the possibility of detailing responsible returnee personnel to convey the information might be explored. Prior to deployment, personnel of this headquarters received a detailed briefing by a former . USP project officer, providing much valuable information.

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(1) Concur.

(2) Concur.

AV3J GC-0 (30 Apr 68)

SUBJECT: Operational Report of 22nd Surgical Mesbital for Pariod Ending 30 April 1968, RUS CSFUR-65 (R1)

(3) Concur. Further recommend subject item be included as part of TCE for all LUSP packages.

(4) Concur. Further recommend this type eluminum shelving be added to LUST FUE package.

(5) Concur.

d. Concur.

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AVBJ-PO (30 April 1968) 2d Ind

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SUBJECT: Operational Report-Lessons Learned for Quarterly Period Ending 30 April 1968 (RCS CSFOR-65)(R1)(22d Surgical Hospital)

HEAD, UARTERS, 44th Medical Brigade, APO 96384 23 June 1968

TO: Commanding General, United States Army Vietnam, ATTN: AVHGC-DST, APO 96375

1. The contents of the basic report and first indorsement have been reviewed.

2. The following comments pertaining to observations, evaluations and recommendations in Section 2 of the basic report are submitted:

a. Reference paragraphs 2a(1), (2), (3), (5) and (6). This headquarters recognizes the need for additional personnel and/or changes to present TOE for surgical hospitals. However, current requirements exceed available space authorizations. A MTOE requesting personnel increases in many of the areas indicated has been submitted to USARV. Further requirements will be considered at the appropriate time.

b. Reference paragraph 2a(4). This recommendation concerns a professional matter and should be considered by appropriate consultants to the USARV Surgeon and The Surgeon General.

c. Reference paragraph 2b(1). Concur in part. The assignment of male nurses to surgical hospitals during the initial phases of deploying and locating hospitals in forward areas provides additional personnel to assist in setting up the hospitals. Assignment of male nurses to a unit prior to its departure from COLUS is not indicated as the reassignment of personnel who have functioned in a combat area lends experience to the unit and improves the initial operation of the unit.

d. Reference paragraph 2b(2). Concur. Personnel of newly arrived units are provided OJT to the maximum extent possible. The 22d Surgical Hospital was deployed immediately after arrival because of the tactical situation.

e. Reference paragraph 2b(3). Concur in part. 44th Medical Brigade Regulation 220-4 requires sponsoring units to provide incoming units with SOP's, policy directives, training guidelines, etc. Deployment of an advance party 30-45 days prior to the departure of the main body is not indicated as POM requirements provide an adequate orientation to Vietnam.

f. Reference paragraph 2c(1). Concur. MUST representatives are utilized for assistance to the maximum extent possible.

AVBJ-PO (30 April 1968) 2d Ind SUBJECT: Operational Report-Lessons Learned for Quarterly Period Ending 30 April 1968 (RCS CSFOR-65)(R1)(22d Surgical Hospital)

g. Reference paragraph 2c(2). This recommendation should be evaluated by the MUST Project Officer in the Office of The Surgeon General.

h. Reference paragraph 2c(3). Concur. This item has been requested in future laboratories.

i. Reference paragraph 2c(4). Concur. Lightweight collapsible aluminum shelves have been fabricated for future MUST models.

j. Reference paragraph 2c(5). Concur. A MTOE requesting most of these items has been submitted to USARV.

k. Reference paragraph 2d(1). Non-concur. The number of mess personnel is considered adequate.

TEL: LBH 2909/2494

GLENN J. COLLINS Brigadier General, MC Commanding

cc: 22d Surgical Hospital

AVHGC-DST (30 Apr 68) 3d IndCPT Arnold/ms/LBN 4485SUBJECT: Operational Report of 22nd Surgical Hospital (MA) For
Period Ending 30 April 1968 RCS CSFOR-65 (R1)

HEADQUARTERS, US ARMY VIETNAM, APO San Francisco 96375 5 JUL 1968

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT, APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 30 April 1968 from Headquarters, 22nd Surgical Hospital (MA).

2. Reference item concerning radiologist, page 4, paragraph 2a(4); 1st Indorsement, paragraph a (4); and 2d Indorsement, paragraph 2b: Nonconcur. The OJT Medical Officer does not have the background and experience with difficult diagnostic problems, especially of the chest. Concur, in part with 1st Indorsement. Ahile a C3306 is not required, the D3306 needs a full year of training in order to give a useful professional opinion.

FOR THE COMMANDER:

:7

JOHN V. GETCHELL Captain, AGC Assistant Adjutant General

Copies furnished: HQ, 22d Surg Hosp HQ, 44th Med Bde GPOP-DT (30 Apr 68) 4th Ind SUBJECT: Operational Report of HQ, 22d Surg Hosp for Period Ending 30 April 1968, RCS CSFOR-65 (R1)

HQ, US Army, Pacific, APO San Francisco 96558 26 JUL 1968

TO: Assistant Chief of Staff for Force Development, Department of the Army, Washington, D. C. 20310

This headquarters has evaluated subject report and forwarding indorsements and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:

C.L. SHORTT CPT, AGC Asst AG

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