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DEVELOPMENT OF A FIELD SICK CALL MEDICAL MODULE FOR THE MARINE CORPS

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Development of a Field Sick Call Medical Module for the Marine Corps

Introduction

The maintenance of a fit and healthy force is imperative to achieve mission success.[1] Historically, disease and nonbattle injury (DNBI) result in more loss of manpower and reduction of combat effectiveness than does trauma. Aggressive initiatives to control traditionally high rates of DNBI have yielded a gradually decreasing experience of outpatient morbidity for U.S. forces.[2,3] This general trend over time can be attributed to a combination of factors, including aggressive preventive medicine efforts and comprehensive infrastructures of medical care.[4]

Central to ensuring a fit and healthy force is the provision of a readily available and effectively executed sick call capability. Currently, sick call capability is included in the Battalion Aid Station (BAS) Authorized Medical Allowance Lists (AMALs). The objective of this study was to support the creation of a stand-alone sick call capability. This paper describes the development of the Sick Call AMAL block using an objective, systematic methodology that identifies the clinical requirements for each individual supply providing that the highest level of clinical support is achieved with the fewest resources.

Background

Routine Health Service Support (HSS) of DNBI occurrences within the operational forces of the Marine Corps is addressed through regularly scheduled sick call. Operational sick call is supported by Class VIII medical materiel assemblages, which are the AMAL/Authorized Dental Allowance Lists tables of equipment. Sick call medical supplies for the Fleet Marine Force are stocked as a subset of materiel in the BAS AMALs 635 and 636.

The configuration of HSS sick call assets within AMALs 635 and 636 requires the BAS to perform two broad and somewhat incongruous missions. First, during times of high operational tempo, the BAS provides the medical assets required to treat seriously wounded combat casualties. Second, during the remaining time, the BAS provides the clinical assets for conducting sick call for the operational force. Because the BAS is a highly capable asset in both the role of combat casualty care and in the role of health maintenance provider for the operational force, transportation, utilization, and management of the BAS block has become challenging. These difficulties are particularly evident during operations where only a sick call function is required such as would occur during a routine training evolution where the addition of the combat casualty trauma care portion of the 635 and636 would not necessarily be required to achieve the mission objective.

The difficulties associated with the configuration of the BAS AMAL blocks to meet two clinical objectives has been recognized by the Marine Corps leadership. The Marine Corps Combat Development Command responded with the drafting of an Operation Requirements Document (ORD) that proposes a solution that includes extracting the sick call capability from the 635 and 636 to create a new medical module that will function solely as a routine HSS health maintenance sick call provider for the force.

Method

To identify the sick call supplies, the Naval Health Research Center (NHRC) first reviewed Joint Readiness Clinical Advisory Board (JRCAB) patient conditions (PCs) to determine those PCs covering DNBI. Next, the rate that these DNBI PCs occur was determined. Third, a patient stream was fed into the Estimating Supplies Program (ESP) to determine the supplies necessary to treat sick call patients.

Review of JRCAB PCs

A review of the 317 JRCAB-approved PCs was conducted to identify the DNBI PCs. Of the 317, 111 PCs (35%) represented the most common type of patient encounters expected during nonhostile conditions and routine deployments (see Appendix A for a the list of DNBI PCs used in this study).

Determining the Rate of Occurrence

To determine the rate at which patients would experience one or more of the identified 111 PCs, the literature on operational health care in various environments was reviewed. The operational environments reported in these studies included Desert Shield/Storm, Somalia, peacekeeping missions, and shore activities. A range of DNBI rates from 5.8 to 14.0 patient visits per 100 troops per week was reported. A rate of 8.7 patient visits per 100 troops per week was selected as the rate for the most commonly anticipated scenarios.

Table 1 shows the breakdown of DNBI categories with the number of patients and percentages of occurrences.

Table 1. Number and Percentage of PCs by Category

Category	Number of Patients	% of Occurrence
Nonbattle Injury	57	27.29%
Gastrointestinal	32	15.31%
Dermatological	24	11.48%
Respiratory	23	11.00%
Infectious/Parasitic	22	10.50%
Neuropsychiatric	12	5.75%
Environmental	12	5.74%
Miscellaneous	11	5.27%
Genitourinary	9	4.31%
Eye/Ear Disease	4	1.91%
Sexually Transmitted Disease	3	1.44%
Female Specific		
Total	209	100.00%

The DNBI PCs do not include major trauma PCs. However, care for the major trauma conditions in sick call capability would include the "ABC's" of initial stabilization followed by rapid evacuation to more definitive care locations. To provide care other than for "routine" sick call or initial stabilization is beyond the scope of care envisioned for the Sick Call module.

Entering the PCs in ESP

ESP is a user-friendly software program designed by NHRC to (1) calculate the amount of supplies required for an operational scenario using casualty estimates, level of care, and functional area; and (2) assess inventory readiness for a specific patient stream. This study used ESP to generate the consumables and equipment necessary to treat a patient stream of solely DNBI PCs.

First, the BAS was selected in ESP as the functional area expected to treat the patients. Second, the 111 JRCAB DNBI PCs were entered into ESP using the DNBI rate of 8.7 sick call encounters per 100 persons per week. This yielded a total of 209 sick call encounters over the simulated 30-day period for 600 troops or population at risk (PAR).

ESP distributed the 209 sick call PCs across the 111 JRCAB DNBI PCs using underlying FORECAS[a] probabilities. Patient occurrence values greater than 1 were rounded to the nearest whole number. It should be noted that some probabilities are quite low for some of the disease conditions, especially when used to project occurrence rates with populations as low as 600 PAR. Therefore, some PCs had an absolute patient occurrence rate less than 1 per 600 PAR. In these instances, one of two approaches was used. If the occurrence was .5 or higher, the value was increased to 1 whole patient. If the occurrence was less than .5, the value was decreased to zero. However, the unique supplies required to treat that low probability event were added in sufficient quantity to treat a single patient.

Results

Sick Call Equipment Projections

ESP ran the projected DNBI patient stream through the BAS functional area and generated a list of projected sick call equipment. This resulted in ESP identifying 63 different pieces of equipment suitable for the administration of sick call. Of the 63 pieces of equipment, 28 were surgical instrument items. These surgical items are used in the BAS to conduct more intensive surgical procedures than would be required in a sick call capability. To address this excess capability, the minor surgical instrument set stocked in the corpsman medical bag was substituted for the 28 BAS items. The corpsman set consists of 11 minor surgical items encased in a single soft nylon cover. This substitution reduced the number of projected equipment items from 63 to 35.

The projected equipment was further examined to identify items that exceed the clinical requirements of a sick call capability. This examination resulted in the removal of spare laryngoscope

[a] FORCAS is an NHRC developed ground casualty and DNBI projection tool based on the rates and medical incidence patterns observed in previous combat operations in combination with present-day weapons inventories and battlefield motivation of potential adversaries.

blades, the basic otoscope/opthalmoscope (the deluxe otoscope/opthalmoscope was retained), mercurial thermometers (hazardous material), oxygen administration equipment, restraint sets, mechanical suction apparatus, and surgical instrument stands. The removal of these items from the projected list reduced the number of clinically required items to 29. The final list of projected sick call equipment is shown in Appendix B.

The final list of projected equipment was then compared with equipment items recommended by the Fleet Operational Needs Statement (FONS). All but three items in the FONS list were included in the projected sick call list. These three items are a set of tracheal forceps, a medical backpack, and a bottle to hold and dispense cupric sulfate. Because these items are geared more to combat casualty care then sick call, they will be reintroduced for consideration when the BAS combat casualty care AMAL is reviewed. Next, the projected list was compared with the FONS to identify any items that the FONS did not include. This examination showed that the ESP projection identified 20 additional sick call items not cited in the FONS. Among these items were blankets, an otoscope/opthalmoscope set, eye and wound irrigation basins, an AMAL can insert to hold the medicinals, and an automated external defibrillator.

A final comparison was conducted between the current BAS equipment block and the proposed sick call equipment module. Table 2 shows these results. It can be seen from Table 2 that the proposed sick call equipment module is approximately one quarter the size and cost of the current BAS equipment block.

Table 2. Comparison Between BAS and Sick Call Equipment Lists

	Items	Weight	Cube	Cost
Current 635 BAS Equipment	78	694.8	50.5	$24,632.42
Proposed Sick Call Equipment	29	161.6	14.0	$6,490.93
% Difference	-62.8%	-76.7%	-72.4%	-73.6%

Sick Call Consumable Projections

The DNBI PCs were also entered into ESP using the FORECAS probabilities to generate the proposed sick call consumable list. The functional area selected to run the consumable projections was the BAS. The list of consumable items generated by ESP was compared with the consumable items listed in the FONS to assess how much overlap existed between the two proposed lists. This examination showed that ESP projected a requirement for 44 consumable items not identified in the FONS. These 44 items are part of the final consumable list proposed by this study.

A second examination was conducted to determine how many of the items projected by the ESP output were also recommended by the FONS. This examination showed that of the 116 items in the FONS list, 82 (70.7%) were included in the ESP generated list. The remaining 34 items (82 + 34 = 116) consisted of those pieces of materiel that were not previously validated (i.e., not currently part of the BAS). Each of these 34 items was examined to assess its potential for assignment of a clinical requirement within the scope and mission of the sick call module as described in the ORD. Seventeen of the 34 items were found to either exceed the requirements of the sick call module (e.g., combat casualty care), were redundant with other materiel, or were considered 782 gear not traditionally maintained by Marine Corps medical assets. These items are shown in Table 3.

Table 3. FONS Items With No Identified Sick Call Clinical Requirement

NSN	Item Nomenclature
6515013215211	AIRWAY KIT PERCUTANEOUS EMERGENCY 10S
6505001060875	AMMONIA INHALANT SOL 0.3CC AMPUL 10S
6515012091174	CATHETER & NEEDLE 16GA 12 INCH LONG CATH 50S
6505012277028	CEFTRIAXONE 250MG VIAL 10 VIALS (use cefazolin & cefoxitin)
6505011875540	CLINDAMYCIN PHOSPHATE INJECTION 6ML VIAL 25S
7350000825741	CUP DRINKING 8 OZ PLASTIC/FOAM DISP 1000S
6505001161495	CUPRIC SULFATE CRYSTAL OR POWDER 37GM BT
6510014081920	DRESSING CHEST WOUND SEAL 10S
6510002017425	DRESSING FIRST AID FIELD CAMOUFLAGED 12X12IN ABS
6510002020800	GAUZE PETROLATUM WHITE 18X3" 12S
6505001178579	PENICILLIN V POTASSIUM TABS 400000-U 40S (Dental)
6505009143593	POVIDONE-IODINE TOPICAL SOL 10% ½ OZ 50S
6510005593159	STOCKINET SURG 25YDX4" COTTON YARN WHITE/NAT
6505013938410	SUNSCREEN PREP SPF-30 8 HR WATERPROOF 4OZ BT
6515014123099	SYRINGE HYPODERMIC GP LUER 60CC 20S
6505012104472	TRIAMCINOLONE ACETONIDE SUSP 40MG/ML 5ML VIAL
6515008669073	TUBE DRAINAGE THORACIC 36FR STERILE 10S

The remaining 17 items were found to have a clinical requirement as defined by the ORD, and were added to the Sick Call module as new capability for the Marine Corps. These items are shown in Table 4. With the addition of these, a total of 143 consumable items are proposed for the Sick Call module. The complete Sick Call consumable module I

Table 4. FONS Items Assigned Sick Call Clinical Requirements

NSN	Item Nomenclature
6505014113154	ALUMINA MAGNESIA SIMETH ORAL SUSP 5OZ BT 12S (Maalox)
6505011464268	ALUMINUM CHLOROHEXAHYDRATE SOL 37ML (Drysol)
6505014491635	AZITHROMYCIN TABLETS 250MG 30 TABS
6505010622136	BENZOYL PEROXIDE GEL USP 10% 3OZ OR 85GM TUBE
6505014802501	CEFAZOLIN SODIUM INJ 1GM/GM 10ML VIAL 25S
6505010628010	CYCLOBENZAPRINE HCL TABS 10MG 100S (Flexeril)
6505014432356	FEXOFENADINE HCL CAPSULES 60MG 100S (Allegra)
6505001538480	HYDROGEN PEROXIDE TOPICAL SOLUTION 1PT 473 ML
6505010436795	INSECT STING TREATMENT KIT 1S
6505011561680	METHYL SALICYLATE & MENTHOL 3OZ TUBE 12S (Deep Heating rub)
6505011263842	NIFEDIPINE CAPSULES 10MG 100 COUNT BOTTLE
6505011071479	PHENYLPROPANOLAMINE & GUAIFENESIN TABS 100/BT (Entex LA)
6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15 GM
6515012478925	TUBE EXT INJ SET 30"LG MALE/FEMALE LUER STER 48S
6550013766541	TEST KIT HUMAN CHORIONIC GONADOTROPHIN 40S[1]
6505010601864	MICONAZOLE NITRATE CREAM 2% 1OZ TUBE 24S[1]
6505012157753	MICONAZOLE VAGINAL SUPPOSITORIES 200MG 3/PK[1]

[1]Female specific

The quantities for each of these items, expressed as the unit of measure, are shown in the third column of Appendix C. These values are the quantities of each item required for the PAR over 30 days. Only those items previously validated (in ESP) are shown with a unit of measure. The units of measure were then configured into the most appropriate unit of issue package size. These data are listed in the fifth column and represent the final quantities proposed for the consumable portion of the Sick Call module.

A final comparison was conducted between the current BAS consumable list and the proposed Sick Call consumable module. Table 5 shows these results. It can be seen from Table 5 that the proposed Sick Call consumable module, while containing only 20% fewer items, is approximately one quarter the size and cost of the current BAS consumable block.

Table 5. Comparison Between BAS and Sick Call Consumable Lists

Proposed Sick Call Consumables	143	205.6	18.5	$5,424.68
	Items	**Weight**	**Cube**	**Cost**
Current 636 BAS Consumables	180	675.7	71.6	$22,520.43
% Difference	-20.6%	-69.6%	-74.2%	- 75.9%

Discussion

A stand-alone sick call capability was configured by identifying the clinical requirements for each individual supply. This Sick Call module can be used to treat DNBI likely to occur in field environments. While it addresses initial stabilization of the more severe trauma injuries, it does not require that the entire BAS block be deployed for all field settings.

Historically, DNBI results in more loss of manpower and reduces combat effectiveness than does trauma. The modularization and configuration of the BAS block to provide a sick call and/or a trauma treatment capability greatly enhances the ability of HSS to meet the needs of Battalion Commanders. Length of time before evacuation, nature and operational tempo of the unit's activity, health readiness of the deploying personnel, and available transportation assets are factors to consider when determining whether to deploy the entire BAS block or the Sick Call module only.

References

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5. JL Sanchez, SC Craig, K Kohlhase, C Polyak, SL Ludwig, PD Rumm. Health assessment of U.S. military personnel deployed to Bosnia-Herzegovina for Operation Joint Endeavor, *Military Medicine* 2001;166(6):470.

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
	Nonbattle Injuries
2	Cerebral concussion closed with/without nondepressed linear skull fracture moderate-lost consciousness less than 2 hrs
14	Wound scalp open without cerebral injury or skull fracture moderate - scalp laceration
20	Wound face & neck open lacerated contused w/o fracture moderate–w/o airway obstruction or major vessel involvement
34	Strains and sprains sacroiliac region moderate - ambulatory
37	Burn thermal partial thickness head & neck greater than 5% but less than 10% of total body area and/or eye involvement
38	Burn thermal partial thickness head and neck less than 5% of total body area and no eye involvement
41	Fracture clavicle closed all cases
44	Fracture humerus closed upper shaft all cases
50	Fracture radius and ulna closed moderate - colles fracture
52	Wound forearm open lacerated penetrating w/o bone/nerve/vascular injury moderate - not requiring major debridement
56	Fracture hand and/or fingers closed moderate - not requiring closed reduction
58	Wound hand and/or fingers open lacerated without fractures moderate - no tendon involvement or limited to sublimis tendon involvement
64	Dislocation shoulder closed all cases
67	Dislocation hand or wrist closed acute
68	Dislocation fingers closed acute
72	Sprain wrist closed acute all cases
73	Sprain thumb closed acute severe
74	Sprain fingers closed acute moderate - no thumb involvement
77	Burn thermal partial thickness upper extremities greater than 10% but less than 20% of total body area involved
78	Burn thermal partial thickness upper extremity less than 10% of total body area involved
82	Fracture rib(s) closed moderate
122	Wound thigh open without fracture nerve or vascular injury not requiring major debridement
129	Wound lower leg open lacerated penetrating perforating without fractures not requiring major debridement
135	Wound ankle foot toes open lacerated contused without fractures not requiring major debridement
142	Tear ligaments knee acute incomplete rupture
143	Dislocation toes closed acute all cases

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
148	Sprain ankle closed acute with complete ligament rupture
149	Sprain ankle closed acute grade 2 incomplete ligament rupture
201	Strain lumbosacral sacroiliac joint chronic all cases
224	Corneal abrasion
262	Tenosynovitis, tendinitis, bursitis, epicondylitis
321	Dislocation/subluxation temporomandibular joint without fracture acute initial injury
350	Eye wound directed energy induced (laser) mild flash blindness no permanent damage
	Dermatological
202	Eczema dermatitis seborrheic contact others affecting weight bearing or pressure areas
203	Eczema dermatitis seborrheic contact others not affecting weight bearing areas
204	Boils furuncles pyoderma requiring surgery
205	Boils furuncles pyoderma, all other cases, calluses, corns, folliculitis, erythrasma
206	Cellulitis involving face or weight bearing areas
207	Cellulitis other than face or weight bearing areas
208	Dermatophytosis severe - affecting feet
209	Fungal Infections all cases (Tineas/Candidas/Yeasts)
210	Pediculosis all cases
211	Scabies all cases
216	Herpes simplex and zoster without encephalitis, all types of viral dermatitis
219	Hyperhidrosis all cases
	Environmental
187	Trench foot immersion foot severe - vesicle formation
188	Trench foot immersion foot moderate - no vesicle formation
190	Frostbite full skin thickness or deeper involvement
191	Frostbite less than full skin thickness
192	Hypothermia all cases
193	Heat stroke
194	Heat exhaustion

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
195	Heat cramps all cases
	Eye/Ear Disease
24	Hearing impairment moderate
220	Blepharitis all cases
221	Conjunctivitis severe all cases
222	Conjunctivitis moderate all cases
223	Corneal ulcer
225	Iridocyclitis acute marked visual impairment
226	Iridocyclitis acute minimal visual impairment
229	Otitis externa all cases
230	Otitis media acute suppurative, including eustacian tube all cases
	Gastrointestinal
243	Food poisoning all organisms disabling symptoms
244	Food poisoning all organisms moderate symptoms
245	Diarrheal disease severe
246	Diarrheal disease moderate
248	Dyspepsia acute all cases
250	Peptic ulcer gastric or duodenal uncomplicated
251	Regional ileitis disabling symptoms unresponsive to treatment
252	Regional ileitis responds to treatment
253	Helminthic disease including trichinosis, ascariasis, giardiasis, tapeworm, hookworm, pinworm
286	Pancreatitis acute all cases
287	Cirrhosis all cases
	Genitourinary
272	Glomerulonephritis acute
273	Glomerulonephritis chronic
274	Pyelonephritis acute secondary to obstruction

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
275	Pyelonephritis acute no obstruction
276	Nephrotic syndrome/Renal failure all cases
278	Renal/Ureteral calculus not causing obstruction
279	Epididymitis, cystitis, prostatitis, orchitis, including testicular torsion, acute all cases
280	Balanoposthitis all cases
	Infectious/Parasitic
263	Meningo-encephalitis uncomplicated
264	Meningo-encephalitis complicated
282	Infectious mononucleosis all cases
283	Hepatitis infectious viral all cases
329	Trachoma all cases
330	Schistosomiasis all cases
331	Malaria severe - all species
332	Malaria moderate - all species
333	Febrile illness acute severe - except malaria and pneumonia
334	Febrile illness acute moderate
339	Cutaneous ulcers including leishmaniasis
	Miscellaneous
156	Blisters hand fingers foot toes due to friction acute moderate all cases
157	Insect bites and stings (unspecified body area) with systemic symptoms and/or respiratory difficulty
158	Bites and stings (unspecified body area) moderate localized symptoms
196	Appendicitis acute with perforation rupture peritonitis
197	Appendicitis acute without perforation rupture peritonitis
198	Inguinal hernia complicated direct or indirect sliding incarceration of bowel
199	Inguinal hernia uncomplicated direct or indirect no sliding no incarceration of bowel or bladder
212	Pilonidal cyst/abscess requiring major excision
213	Cyst/Abscess all cases, requiring minor incision
215	Ingrown toenails without secondary infection

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
249	Peptic ulcer gastric or duodenal penetrating and/or perforating
255	Migraine all cases
256	Hemorrhoidal disease all cases
258	Severe hypertension
259	Ischemic heart disease
260	Phlebitis deep vein involvement
266	Toxic inhalation including burn-related respiratory injuries severe all cases
268	White phosphorus burns resultant partial thickness burns < 40% TBSA all cases
277	Renal/Ureteral calculus causing obstruction impacted
285	Cholecystitis acute with stones/Cholecystitis all cases
290	Neoplasms benign
328	Animal bites and rabies exposure
335	Snake bite
	Neuropsychiatric
301	Psychosis
302	Conduct disorders
303	Non-psychotic mental disorders
306	Alcohol dependency syndrome moderate
307	Alcohol misuse simple intoxication
308	Drug dependency (other than alcohol) severe
309	Drug misuse (other than alcohol) mild or moderate
316	Alcohol dependency severe - impending or actual DTs
317	Drug misuse (other than alcohol) severe - atypical no dependency
318	Stress reaction severe - rapid improvement
	Respiratory
232	Infections of the nose & paranasal sinuses including viral rhinitis
233	Upper respiratory infections acute including tonsillitis all cases
234	Bronchitis acute all cases

Appendix A
DNBI Patient Conditions

PC #	PATIENT CONDITION
235	Asthma with disabling symptoms or repeated attacks
236	Asthma other cases
239	Acute respiratory disease severe
240	Acute respiratory disease moderate
	Sexually Transmitted Disease
269	Sexually transmitted disease NSU, mucalpurulent cervicitis, trichomones
270	Sexually transmitted disease genital ulcers, adenopathy, chancroid, genital herpes simplex, lymphogranuloma venereuem, syphillis
271	Sexually transmitted disease gonorrhea, chlamydia, septic arthritis, PID
	Female Specific
291	Abnormal uterine bleeding
293	Pelvic inflammatory disease (PID) all cases
294	Cervicitis endocervicitis with symptomatic leukorrhea
295	Vulvovaginitis
297	Ectopic pregnancy all cases
299	Abortion spontaneous with hemorrhage

Appendix B
Projected Sick Call Equipment Module

NSN	ITEM NOMENCLATURE	QTY	UI	UW	UC	U$	TOT_W	TOT_C	TOT_$
6530007709220	BASIN EMESIS CORROSION RESISTING STEEL	1.00	EA	0.85	0.03	$14.24	0.85	0.03	$14.24
6530007710105	BASIN WASH CORROSION RESISTING STEEL 7 QUART	1.00	EA	2.45	0.19	$30.74	2.45	0.19	$30.74
6515010390164	CASE SPHYGMOMANOMETER 8x4.5x2.5"	2.00	EA	0.92	2.00	$4.84	1.84	4.00	$9.68
6540005988075	CHART SET VISION ACUITY TEST SCREENING DISTANT VISION	1.00	SE	5.00	0.53	$12.53	5.00	0.53	$12.53
6515014794272	DEFIBRILLATOR AUTO EXTERNAL HEARTSTREAM FR-2	1.00	EA	0.55	0.12	$3,490.00	0.55	0.12	$3,490.00
6515003372400	FORCEPS SPLINTER 3.25-3.75" LG TWEEZERS SERRATED CRS	1.00	EA	0.07	0.00	$8.77	0.07	0.00	$8.77
6515013448487	INJECTOR TUBE PLAS 1ML & 2ML NEEDLE CART UNIT	2.00	EA	0.11	0.07	$5.77	0.22	0.13	$11.54
6545002998649	INSERT CABINET MEDICAL INSTRUMENT & SUPPLY SET CHEST	1.00	EA	60.00	3.90	$292.85	60.00	3.90	$292.85
6515014553888	LANTERN HEAD MOUNT HALOGEN & KRYPTON BULB	2.00	EA	0.60	0.03	$23.00	1.20	0.06	$46.00
6515014509790	LARYNGOSCOPE SET HANDLE W/LIGHT & BLADES	1.00	EA	0.50	0.30	$53.50	0.50	0.30	$53.50
6540014553885	LENS RED LANTERN ELECTRIC HEAD MOUNT	2.00	EA	0.10	0.00	$2.00	0.20	0.00	$4.00
8405008893683	LINER WET WEATHER PONCHO (Blankets)	5.00	EA	1.44	0.05	$26.40	7.20	0.25	$132.00
6530007837510	LITTER NONRIGID POLELESS NYLON 78X26" FIELD	2.00	EA	3.50	0.16	$86.54	7.00	0.33	$173.08
6530014325114	LITTER RIGID FOLDING RAVEN POLYPROPYLENE COVER	2.00	EA	11.00	0.66	$255.00	22.00	1.31	$510.00
6545014586178	OTOSCOPE AND OPHTHALMOSCOPE SET DELUXE	1.00	SE	0.05	0.01	$280.00	0.05	0.01	$280.00
6530013171131	PAD HEATING CHEMICAL PLASTIC 110DEG F	4.00	EA	1.80	0.00	$2.47	7.20	0.01	$9.88
6515012045394	RESUSCITATOR HAND OP SMALL & MEDIUM ADULT FACE MASKS	1.00	EA	3.00	0.07	$107.61	3.00	0.07	$107.61
6530007926000	ROD INTRAVENOUS-IRRIGATION CONTAINER ALUMINUM	1.00	EA	1.46	0.13	$81.16	1.46	0.13	$81.16
6515003634100	SAW FINGER RING .75"BLADE DIA 6" LG	1.00	EA	0.25	0.01	$20.47	0.25	0.01	$20.47
6515009357138	SCISSORS BANDAGE 7.25" LG BLUNT PTS CRS	2.00	EA	0.19	0.01	$6.30	0.38	0.03	$12.60
5305009265590	SCREWS INSTRUMENT AND EYE GLASS OVAL HEAD	1.00	PG	0.07	0.00	$21.64	0.07	0.00	$21.64
5120002888739	SCREWDRIVER SET JEWELERS AND EYE GLASS	1.00	SE	3.00	0.10	$8.29	3.00	0.10	$8.29
6515003705640	SPECULUM VAGINAL GRAVES MED SZ 4.4" LG PIVOTED BLADE	1.00	EA	0.44	0.03	$9.77	0.44	0.03	$9.77
6515003705620	SPECULUM VAGINAL GRAVES MED SZ 5.4" LG PIVOTED BLADE	1.00	EA	0.77	0.06	$53.87	0.77	0.06	$53.87
6515010394884	SPHYGMOMANOMETER ANEROID 300MM MAX w/CLIP FOR CUFF	2.00	EA	1.25	0.10	$12.41	2.50	0.20	$24.82
6515013146694	STETHOSCOPE COMBINATION LITTMAN 28" LG BELL DIAPHRAGM	2.00	EA	1.00	0.00	$49.41	2.00	0.01	$98.82
6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT 31.50 INCHES HIGH	2.00	PR	13.75	1.00	$197.23	27.50	2.00	$394.46
6545009577650	SURGICAL INSTRUMENT SET MINOR 11 INSTRUMENTS	2.00	SE	1.21	0.04	$285.54	2.42	0.08	$571.08
6530007939945	TRAY INSTRUMENT CORROSION RESISTING STEEL 10X8X2IN	1.00	EA	1.50	0.15	$7.53	1.50	0.15	$7.53

Total Number of Unique Equipment Items: 29 Items
Total Weight of All Equipment Items: 161.6 Lbs.
Total Cube of All Equipment Items: 14.0 Cu. Ft.
Total Cost of All Equipment Items: $6,490.93

Appendix C
Projected Sick Call Consumable Module

NSN	ITEM NOMENCLATURE	ESP U/M QTY	ESP U/M	699 U/I QTY	699 U/I	UW	UC	U$	TOT_W	TOT_C	TOT_$
6505009857301	ACETAMINOPHEN TABLETS USP 0.325GM 1000S	1,472	TABS	1.00	BT	1.33	0.07	$7.30	1.33	0.07	$7.30
6505011169245	ALBUTEROL INHALATION AEROSOL 17GM 200 SPRAYS	1	NEB	2.00	NEB	0.13	0.01	$24.38	0.26	0.02	$48.76
6505014113154	ALUMINA MAGNESIA SIMETH 5OZ BT (Mylanta Antacid) 12S	-	-	4.00	BT	3.55	0.02	$6.73	14.20	0.06	$26.92
6505011464268	ALUMINUM CHLOROHEXAHYDRATE SOL 37ML (Drysol)	-	-	1.00	BT	0.13	0.01	$6.97	0.13	0.01	$6.97
6505014731770	ALUMINUM MAGNESIUM TABS 100S	83	TABS	2.00	PKG	0.12	0.01	$2.93	0.24	0.02	$5.86
6505013038962	AMOXICILLIN 500MG CLAVULANATE POTAS TABS 100S	312	TABS	3.00	PKG	0.55	0.01	$420.50	1.65	0.03	$1,261.50
6505001009985	ASPIRIN TABS 0.324GM 100S (ACLS protocol only)	1	TAB	1.00	BT	0.14	0.01	$1.49	0.14	0.01	$1.49
6505010946196	ATROPINE SULFATE INJECTION 0.1MG/CC 10ML 10S	3.5	ML	0.10	PKG	1.40	0.12	$35.48	0.14	0.01	$3.55
6505014491635	AZITHROMYCIN TABLETS 250MG 30 TABS	-	-	1.00	PKG	0.55	0.12	$117.52	0.55	0.12	$117.52
6505001596625	BACITRACIN OINTMENT 7100 UNITS 0.5OZ TUBE 12S	13.7	TUBES	1.00	PKG	0.79	0.04	$0.88	0.79	0.04	$0.88
6505010622136	BENZOYL PEROXIDE GEL USP 10% 3OZ OR 85GM TUBE	-	-	2.00	TUBES	0.26	0.02	$3.95	0.53	0.03	$7.90
6505001070922	BETAMETHASONE VALERATE CREAM .1% GM	6	TUBES	6.00	TUBES	0.17	0.01	$1.98	1.02	0.05	$11.88
6505008899034	BISACODYL TABLETS 5MG FILM ENTERIC 1000S	30	TABS	1.00	PKG	0.56	0.02	$8.03	0.56	0.02	$8.03
6505014802501	CEFAZOLIN SODIUM INJ 1GM/GM 10ML VIAL 25S	-	-	0.50	PKG	0.18	0.21	$43.64	0.09	0.11	$21.82
6505011046393	CEFOXITIN SODIUM STERILE 2GM 25 VIALS	6	VIALS	0.20	PKG	1.67	0.08	$399.57	0.33	0.02	$79.91
6505013719634	CEPHALEXIN CAPSULES USP 250MG 500S	766	CAPS	1.00	PKG	0.85	0.01	$25.39	0.85	0.01	$25.39
6505014213787	CETYLPYRIDINIUM & BENZOCAINE LOZENGES 648S	218	LOZ	1.00	PKG	2.35	0.02	$55.41	2.35	0.02	$55.41
6505012036253	CHARCOAL ACTIVATED & SORBITOL SUSP 120ML BT	20	ML	1.00	BT	0.75	0.01	$5.60	0.75	0.01	$5.60
6505012644453	CHLORZOXAZONE TABLETS USP 500MG 100S	118	TABS	1.00	PKG	0.23	0.01	$4.67	0.23	0.01	$4.67
6505010503547	CIMETIDINE TABLETS USP 300MG 100S	30	TABS	1.00	PKG	0.06	0.00	$36.88	0.06	0.00	$36.88
6505013334154	CIPROFLOXACIN TABLETS USP 500MG 100S	194	TABS	2.00	PKG	0.65	0.01	$186.77	1.30	0.02	$373.54
6505010235011	CLOTRIMAZOLE CREAM USP TOPICAL 1% 15GM	5	TUBES	5.00	TUBES	0.07	0.00	$4.39	0.35	0.02	$21.95
6505010628010	CYCLOBENZAPRINE HCL TABS 10MG 100S (Flexeril)	-	-	1.00	BT	0.08	0.01	$2.21	0.08	0.01	$2.21
6505002999666	CYCLOPENTOLATE HCL OPHTHALMIC SOL 1% 15ML	0.5	ML	1.00	BT	0.06	0.00	$1.10	0.06	0.00	$1.10
6505001375891	DIAZEPAM INJECTION USP 5MG/ML 2ML SYR-NDL 10S	27	EA	2.00	PKG	0.25	0.02	$12.57	0.50	0.03	$25.14
6505003697289	DICLOXACILLIN SODIUM CAPS 250MG 100S	588	CAPS	4.00	PKG	0.17	0.01	$7.07	0.68	0.04	$28.28
6505001168350	DIPHENHYDRAMINE HCL CAPS 50MG 100S	34	CAPS	1.00	PKG	0.28	0.01	$3.25	0.28	0.01	$3.25
6505001487177	DIPHENHYDRAMINE HCL INJ 50MG/ML 1ML SYRINGE 10S	3	EA	0.50	PKG	0.25	0.03	$16.59	0.13	0.02	$8.30
6505000095063	DOXYCYCLINE HYCLATE CAPS 100MG 500S	1,044	CAPS	2.00	PKG	0.92	0.06	$28.83	1.84	0.12	$57.66
6505010932384	EPINEPHRINE INJECTION 0.1MG SYR-NDL 10ML10S	2.7	EA	0.50	PKG	1.60	0.14	$19.83	0.80	0.07	$9.92
6505007341026	EPINEPHRINE INJECTION USP 1ML AMPUL 10 AMPULS	4	AMPS	0.50	PKG	0.25	0.01	$8.51	0.13	0.01	$4.26
6505009820288	ERYTHROMYCIN OPHTH OINTMENT 5MG/GM 3.5GM	1	TUBE	2.00	TUBES	0.03	0.00	$2.15	0.06	0.00	$4.30
6505001490119	ERYTHROMYCIN STEARATE TABS 250MG 40S	796	TABS	20.00	PKG	0.32	0.01	$3.97	6.40	0.20	$79.40

Appendix C
Projected Sick Call Consumable Module

NSN	ITEM NOMENCLATURE	ESP U/M QTY	ESP U/M	699 U/I QTY	699 U/I	UW	UC	U$	TOT_W	TOT_C	TOT_$
6505014432356	FEXOFENADINE HCL CAPSULES 60MG 100S (Allegra)	-	-	2.00	PKG	0.55	0.12	$58.18	1.10	0.24	$116.36
6505011591493	FLUORESCEIN SODIUM OPHTHALMIC STRIPS 300S	8	STRIPS	1.00	PKG	0.15	0.02	$152.56	0.15	0.02	$152.56
6505010222646	GENTAMICIN SULF OPHTH SOL 3.0MG/ML 5ML	12	ML	2.00	BT	0.05	0.01	$2.10	0.10	0.01	$4.20
6505013480278	GUAIFENESIN & PSEUDOEPHEDRINE HCL TABS 100S	184	TABS	2.00	PKG	0.55	0.01	$42.03	1.10	0.02	$84.06
6505002688530	HALOPERIDOL INJECTION USP 5MG/ML 1ML AMPUL 10S	2	AMPS	0.50	PKG	0.13	0.02	$4.94	0.07	0.01	$2.47
6505010802904	HYDROCORTISONE & PRAMOXINE HCL FOAM 10GM 10S	3	CANS	3.00	CANS	0.01	0.00	$5.60	0.03	0.00	$16.80
6505001538480	HYDROGEN PEROXIDE TOPICAL SOLUTION 1PT 473 ML	-	-	2.00	BT	1.16	0.04	$0.35	2.32	0.08	$0.70
6505012149062	IBUPROFEN TABLETS USP 800 MG 500S	394	TABS	1.00	PKG	1.47	0.05	$14.12	1.47	0.05	$14.12
6505010436795	INSECT STING TREATMENT KIT 1S	-	-	2.00	KITS	0.12	0.00	$12.71	0.24	0.00	$25.42
6505009269197	IPECAC SYRUP USP 7% 30ML	3	ML	1.00	BT	0.30	0.01	$0.93	0.30	0.01	$0.93
6505010719112	ISOMETHEPTENE ACETAMINOPHEN DICHLORAL CAPS 100S	8	CAPs	1.00	PKG	0.60	0.02	$15.46	0.60	0.02	$15.46
6505014554200	LIDOCAINE HCL 1% EPINEPHRINE 1:100,000 INJ 20ML VI	33.3	ML	2.00	VIALS	0.55	0.12	$1.39	1.10	0.24	$2.78
6505005986116	LIDOCAINE HYDROCHLORIDE INJ 10MG PER ML 50ML BT	90.2	ML	2.00	BT	0.28	0.01	$1.05	0.56	0.02	$2.10
6505005843131	LIDOCAINE HYDROCHLORIDE JELLY USP 2% 30 ML	25.8	ML	1.00	PKG	0.15	0.01	$7.60	0.15	0.01	$7.60
6505010666568	LOPERAMIDE HYDROCHLORIDE CAPSULES 2MG 100S	200	CAPS	2.00	PKG	0.08	0.00	$7.14	0.16	0.01	$14.28
6505001538809	LUBRICANT SURGICAL 4 OZ (113.4 GM)	0.1	OZ	1.00	TUBE	0.35	0.02	$0.65	0.35	0.02	$0.65
6505013881364	MEBENDAZOLE 100MG TAB CHEWABLE	12	TABS	1.00	PKG	0.55	0.01	$37.99	0.55	0.01	$37.99
6505009262111	MECLIZINE HCL TABS CHEWABLE 25MG 100S	12	TABS	1.00	PKG	0.11	0.01	$2.02	0.11	0.01	$2.02
6505011561680	METHYL SALICYLATE MENTH 3OZ TUBE 12S (Deep Heating rub)	-	-	0.50	PKG	3.17	0.14	$25.02	1.59	0.07	$12.51
6505008901840	METRONIDAZOLE TABLETS 250MG 250S	28	TABS	1.00	PKG	0.47	0.02	$7.37	0.47	0.02	$7.37
6505010601864	MICONAZOLE NITRATE CREAM 2% 1OZ TUBE 24S	-	-	0.25	PKG	2.75	0.13	$7.69	0.69	0.03	$1.92
6505012157753	MICONAZOLE VAGINAL SUPPOSITORIES 200MG 3/PK	-	-	3.00	PKG	0.07	0.01	$16.81	0.21	0.03	$50.43
6505000797867	NALOXONE HCL INJECTION 0.4MG/ML 1ML AMPUL 10S	5	AMPS	1.00	PKG	0.12	0.05	$4.85	0.12	0.05	$4.85
6505010430230	NEO-POLYMYXIN B & HYDROCORTISONE OTIC SUSP 10ML	10	ML	1.00	PKG	0.12	0.01	$1.37	0.12	0.01	$1.37
6505011263842	NIFEDIPINE CAPS 10MG 100S (Note: CCB)	-	-	1.00	PKG	0.38	0.05	$4.08	0.38	0.05	$4.08
6505006873663	NITROGLYCERIN TABLETS USP 0.4MG 100 TABS	10	TABS	1.00	PKG	0.11	0.00	$8.33	0.11	0.00	$8.33
6505008694177	OXYMETAZOLINE HCL NASAL SOL 15ML SPRAY BT	1	BT	2.00	BT	0.10	0.01	$4.16	0.20	0.01	$8.32
6505013218812	PERMETHRIN CREAM 60GM TUBE	1	TU	4.00	TU	0.35	0.01	$15.82	1.40	0.04	$63.28
6505001388461	PHENAZOPYRIDINE HYDROCHLORIDE TAB 100MG 100S	48	TABS	1.00	PKG	0.13	0.01	$3.71	0.13	0.01	$3.71
6505011071479	PHENYLPROPANOLAMINE & GUAIFENESIN 100S (Entex LA)	-	-	2.00	PKG	0.25	0.11	$2.45	0.50	0.22	$4.90
6505009617486	POLYVINYL ALCOHOL OPHTHALMIC SOL 1.4% 15ML	48	ML	4.00	BT	0.07	0.00	$0.86	0.28	0.01	$3.44
6505004917557	POVIDONE-IODINE CLEANSING SOL 7.5% 4 FL OZ118ML	206.4	ML	2.00	PKG	0.41	0.02	$1.00	0.82	0.03	$2.00
6505010729666	PREDNISONE TABLETS USP 20MG 100 TABS	88	TABS	1.00	PKG	0.15	0.03	$3.25	0.15	0.03	$3.25

Appendix C
Projected Sick Call Consumable Module

NSN	ITEM NOMENCLATURE	ESP U/M QTY	ESP U/M	699 U/I QTY	699 U/I	UW	UC	U$	TOT_W	TOT_C	TOT_$
6505006807352	PROMETHAZINE HCL INJ 25MG/ML 1ML AMPUL 25/S	5	AMPS	0.25	PKG	0.31	0.02	$9.70	0.08	0.00	$2.43
6505014737775	PSEUDOEPHEDRINE HYDROCHLORIDE 60MG TABS 100S	192	TABS	2.00	PKG	0.55	0.11	$2.50	1.10	0.22	$5.00
6505014623025	RINGER'S INJECTION LACTATED USP 1000ML BAG 12S	16	BAGS	1.00	PKG	6.55	0.12	$11.21	6.55	0.12	$11.21
6505014622436	SODIUM CHLORIDE INJECTION 1000ML BAG 12S	12	BAGS	1.00	PKG	6.55	0.12	$16.82	6.55	0.12	$16.82
6505005607331	SULFADIAZINE SILVER CREAM 1% TOPICAL 400GM JAR	100	GRAMS	1.00	JAR	1.25	0.05	$14.54	1.25	0.05	$14.54
6505010161470	SULFAMETHOXAZOLE AND TRIMETHOPRIM TAB 100S	140	TABS	2.00	PKG	0.37	0.02	$5.26	0.74	0.04	$10.52
6505005824737	TETRACAINE HCL OPHTHALMIC SOL 0.5% 15 ML	4	ML	1.00	BT	0.10	0.01	$3.39	0.10	0.01	$3.39
6505009262241	TOLNAFTATE TOPICAL SOLUTION USP 1% 10 ML	5	BT	7.00	BT	0.06	0.01	$1.09	0.42	0.04	$7.63
6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15 GM	-	-	5.00	TUBES	0.06	0.00	$0.43	0.30	0.02	$2.15
6505007539615	TRIPROLIDINE & PSEUDOEPHEDRINE TAB 100S	144	TABS	2.00	PKG	0.16	0.01	$2.15	0.32	0.01	$4.30
6505010083054	UNDECYLENIC ACID & ZINC UNDECYLENATE POWDER 45GM	5	EA	7.00	EA	0.19	0.01	$1.68	1.33	0.06	$11.76
6510002036010	ADHESIVE TAPE SURGICAL 12 INCHES BY 5 YARDS	0.1	RL	1.00	RL	2.59	0.17	$19.61	2.59	0.17	$19.61
6510009268884	ADHESIVE TAPE SURG POROUS WOVEN 3INx10YDS 4S	0.7	RL	0.50	PKG	1.20	0.05	$19.29	0.60	0.03	$9.65
6510009268882	ADHESIVE TAPE SURGICAL WOVEN 1"X 10YD 12S	5	RL	1.00	PKG	1.41	0.05	$14.79	1.41	0.05	$14.79
6515011676637	AIRWAY NASOPHARYNGEAL ROBERTAZZI 30FR 12S	1	EA	0.25	PKG	3.00	0.20	$59.23	0.75	0.05	$14.81
6515011649637	AIRWAY PHARYNGEAL CUT AWAY FLANGE 30FR 30S	2	EA	0.10	PKG	0.11	0.01	$68.43	0.01	0.00	$6.84
6515009582232	AIRWAY PHARYNGEAL CUT AWAY FLANGE 80MM 12S	1	EA	0.25	PKG	0.26	0.03	$3.20	0.07	0.01	$0.80
6530011075798	BAG STERILIZATION-BIOHAZ DISPOSAL 36X24" 200S	3	BAGS	0.05	PKG	17.00	0.44	$137.23	0.85	0.02	$6.86
6510009137909	BANDAGE ADHESIVE .75 BY 3 INCHES FLESH 300S	63	EA	1.00	PKG	0.67	0.05	$10.82	0.67	0.05	$10.82
6510009355823	BANDAGE ELASTIC FLESH ROLLED 6"X 4.5 YDS 12S	4	EA	0.25	PKG	3.25	0.28	$21.15	0.81	0.07	$5.29
6510001055807	BANDAGE ELASTIC BROWN 3"X5YDS 24S (Note: Coban)	26	EA	1.00	PKG	6.94	0.13	$73.01	6.94	0.13	$73.01
6510000583047	BANDAGE GAUZE 6-PLY ROLLED WHITE 4YDX4.5IN 100S	69	EA	0.50	PKG	1.15	0.03	$98.55	0.58	0.01	$49.28
6510002011755	BANDAGE MUSLIN BROWN TRIANGLE W/PINS	9	EA	10.00	EA	0.13	0.01	$3.30	1.30	0.08	$33.00
6135009857845	BATTERY NONRECHARGEABLE ALK 1.5 VOLT AA 24S	4	EA	1.00	PKG	0.10	0.00	$7.52	0.10	0.00	$7.52
6135008264798	BATTERY NONRECHARGEABLE ALK 1.5 VOLT AAA 24S	7	EA	1.00	PKG	0.08	0.00	$3.25	0.08	0.00	$3.25
6510012787002	BEZOIN TINCTURE IMPREG APPLICTOR 10 BOXES OF 50	25	EA	0.10	PKG	1.00	0.10	$14.32	0.10	0.01	$1.43
6515006600011	BLADE SURG KNIFE DET NO.10 6S	7	EA	1.00	PKG	0.03	0.00	$2.28	0.03	0.00	$2.28
6515006600010	BLADE SURG KNIFE DET NO.11 6S	7	EA	1.00	PKG	0.03	0.00	$0.89	0.03	0.00	$0.89
7210009356665	BLANKET CASUALTY PLAS ALUM COATED 84X56IN	37	EA	10.00	EA	0.77	0.07	$10.34	7.70	0.70	$103.40
6515013637700	BOARD SPINAL FOLDING ALUM 18.50X36X2.75"	1	EA	1.00	EA	10.00	3.00	$251.44	10.00	3.00	$251.44
7530002223525	BOOK MEMORANDUM	1	EA	1.00	EA	0.10	0.01	$3.15	0.10	0.01	$3.15
6515013909627	CATHETER & NEEDLE 14GA ORANGE PROTECTOCATH 200S	6	EA	0.10	PKG	5.70	0.03	$471.04	0.57	0.00	$47.10
6515013909654	CATHETER & NEEDLE 18GA GREEN PROTECTOCATH 200S	15	EA	0.20	PKG	22.50	0.14	$393.63	4.50	0.03	$78.73

Appendix C
Projected Sick Call Consumable Module

NSN	ITEM NOMENCLATURE	ESP U/M QTY	ESP U/M	699 U/I QTY	699 U/I	UW	UC	U$	TOT_W	TOT_C	TOT_$
6515013909650	CATHETER & NEEDLE 20GA PINK PROTECTOCATH 200S	17	EA	0.10	PKG	23.10	0.14	$493.00	2.31	0.01	$49.30
6515013738659	COVER ELECTRONIC THERMOMETER PROBE DISP 100S	244	EA	2.00	PKG	0.20	0.01	$9.35	0.40	0.02	$18.70
6530008377472	CUP SPECIMEN PLAS DISP 2.50 IN DIAMETER 4.5 OZ 100S	10	EA	0.10	PKG	6.00	1.40	$11.03	0.60	0.14	$1.10
6515003245500	DEPRESSOR TONGUE 6X0.75X0.062" STRAIGHT 100S	50	EA	1.00	PKG	0.69	0.04	$2.91	0.69	0.04	$2.91
6640011079169	DETERGENT INSRUMENT POWDER 4LBS (Note: Alconox)	1.2	OZ	1.00	PKG	4.00	0.10	$17.67	4.00	0.10	$17.67
6530014604782	DISPOSAL CONTAINER SHARPS BOARD FOLD-FLAT 5 LT 25S	1.4	EA	2.00	EA	0.55	0.18	$49.86	1.10	0.36	$99.72
6510014575844	DRESSING BURN 8x18" SATURATED W/WATER GEL 20S	8	EA	1.00	PKG	7.50	1.56	$103.00	7.50	1.56	$103.00
6510002017430	DRESSING FIRST AID FIELD CAMOUFLAGED 8X8IN	8	EA	8.00	EA	0.29	0.02	$5.81	2.32	0.14	$46.48
6510000835573	DRESSING FIRST AID FIELD WHITE 4x7IN ABSORBENT	16	EA	16.00	EA	0.14	0.01	$3.30	2.24	0.10	$52.80
8105010990355	ENVELOPE DRUG DISPENSE PLAS INSCRIBING PANEL 1000S	259	EA	1.00	EA	6.30	0.33	$22.26	6.30	0.33	$22.26
7540006344176	FORM PRINTED 100S	57	EA	1.00	EA	0.01	0.00	$4.57	0.01	0.00	$4.57
6510010037697	GAUZE ABSORBENT IODOFORM .25IN BY 5 YARDS 12S	3	RL	0.50	PKG	3.16	0.09	$34.45	1.58	0.05	$17.23
6515013648554	GLOVE PATIENT EXAM/TREAT LRG PREPWDR 100S	26	EA	1.00	PKG	1.20	0.10	$11.77	1.20	0.10	$11.77
6515013648553	GLOVE PATIENT EXAM/TREAT MED PREPWDR 100S	32	EA	1.00	PKG	1.20	0.10	$10.73	1.20	0.10	$10.73
6515011498841	GLOVES SURGEONS SZ 7.5 RBBR PREPWDR STER 50S	9	EA	0.20	PKG	4.56	0.48	$37.42	0.91	0.10	$7.48
6515011498842	GLOVES SURGEONS SZ 8.0 RBBR PREPWDR STER 50S	9	EA	0.20	PKG	4.56	0.48	$36.73	0.91	0.10	$7.35
6515011050614	INTRAVENOUS INJECTION SET STER DISP 50S	38	EA	1.00	EA	0.13	0.03	$80.33	0.13	0.03	$80.33
6510014644424	PAD COOLING CHEMICAL 80S	22	EA	0.25	PKG	2.80	0.13	$79.00	0.70	0.03	$19.75
6515014594403	PAD DEFIBRILLATOR AUTOMATIC EXTERNAL 2-PACK	1	EA	1.00	PKG	3.25	1.15	$44.00	3.25	1.15	$44.00
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED 1.5 X 2"100	170	EA	2.00	PKG	0.50	0.10	$1.73	1.00	0.20	$3.46
7520009357136	PEN BALL-POINT POCKET MED RETRACT BLACK 12S	10	EA	1.00	PKG	0.36	0.14	$5.01	0.36	0.14	$5.01
6515013225898	RAZOR SURG PREPARATION PLAS SOLID HDL DISP 100S	9	EA	0.10	PKG	0.01	0.00	$27.54	0.00	0.00	$2.75
6515012538165	SHIELD EYE SURGICAL GOFFMAN ALUM 50S	9	EA	0.20	PKG	0.40	0.01	$53.50	0.08	0.00	$10.70
8520013535671	SKIN CLEANSER 60PCT ETHYL ALCOHOL NO RINSING 4OZ 36S	19	BT	1.00	PKG	9.00	0.50	$38.43	9.00	0.50	$38.43
6510000547254	SKIN CLOSURE ADHESIVE POROUS .50 BY 4IN 300S	39	EA	1.00	PKG	0.71	0.04	$65.03	0.71	0.04	$65.03
6515014941951	SPLINT ALUM MALLEABLE 4.5"x36" GRAY 1S	9	EA	9.00	EA	0.22	0.08	$10.00	1.98	0.72	$90.00
6515001686894	SPLINT FINGER PHALANGE 18X.75IN ALUM 12S	6	EA	1.00	PKG	0.92	0.06	$12.43	0.92	0.06	$12.43
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4"8-PLY 200S	58	EA	1.00	PKG	0.83	0.07	$3.60	0.83	0.07	$3.60
6510007219808	SPONGE SURGICAL GAUZE 4X4" STERILE 1200S	217	EA	1.00	PKG	16.00	2.20	$93.04	16.00	2.20	$93.04
6515013948327	STYLET TRACHEAL TUBE 7.5MM-10MM TUBES 10S	1	EA	0.10	PKG	2.10	0.02	$43.75	0.21	0.00	$4.38
6515014663004	SUPPORT CERVICAL COLLAR ADJUST SZ 1-16 FOLDS FLAT 30S	3	EA	0.10	PKG	0.25	0.01	$363.40	0.03	0.00	$36.34
6515002277897	SUTURE NONABS SURG SZ 3-0 2.50' LG NYLON ARMED STER 36S	10	EA	1.00	EA	0.01	0.00	$127.42	0.01	0.00	$127.42
6515014587025	SYRINGE & NDL UNIT 10CC/21GA VANISH POINT 100S	66	EA	1.00	EA	5.00	0.50	$40.00	5.00	0.50	$40.00

Appendix C
Projected Sick Call Consumable Module

NSN	ITEM NOMENCLATURE	ESP U/M QTY	ESP U/M	699 U/I QTY	699 U/I	UW	UC	U$	TOT_W	TOT_C	TOT_$
6515014520465	SYRINGE & NDL UNIT 3CC & 23GA VANISH POINT 100S	39	EA	1.00	PKG	6.00	0.65	$82.35	6.00	0.65	$82.35
6515007540412	SYRINGE HYPO GP 10CC CAP LUER W/O NDL 100S (e-t tube only)	2	EA	0.10	PKG	5.80	0.57	$18.99	0.58	0.06	$1.90
6515014570288	SYRINGE IRRIGATING 60ML LUER PLAS DISP 60S	21	EA	0.50	PKG	7.50	1.00	$101.00	3.75	0.50	$50.50
6550013766541	TEST KIT HUMAN CHORIONIC GONADOTROPHIN 40S	-	-	0.25	PKG	1.35	0.02	$88.59	0.34	0.00	$22.15
6550012215400	TEST STRIPS AND COLOR CHART 100 STRIPS P/BT	18	EA	1.00	PKG	0.23	0.02	$105.78	0.23	0.02	$105.78
6515013737292	THERMOMETER CLINICAL HUMAN ORAL DIGTAL 300 HR	2.4	EA	3.00	EA	0.01	0.00	$9.50	0.03	0.00	$28.50
6515003830565	TOURNIQUET NONPNEUMATIC 42X1.5" CAMO	1	EA	1.00	EA	0.24	0.02	$7.84	0.24	0.02	$7.84
6530001101854	TOWEL PACK SURG STER DISP HIGHLY ABS BLUE 96S	62	EA	0.50	PKG	9.00	0.90	$121.57	4.50	0.45	$60.79
6515012478925	TUBE EXT INJ SET 30"LG MALE/FEMALE LUER STER 48S	-	-	0.25	PKG	1.88	0.30	$62.77	0.47	0.07	$15.69
6515010369034	TUBE TRACHEAL MURPHY DISP 7.5MM 10S	2	EA	0.50	PKG	1.20	0.26	$22.95	0.60	0.13	$11.48
6515001050759	TUBE TRACHEAL MURPHY DISP 8.0MM 10S	2	EA	0.50	PKG	1.00	0.05	$32.97	0.50	0.03	$16.49

Total Number of Unique Consumable Items: 143 Items
Total Weight of All Consumable Items: 205.6 Lbs.
Total Cube of All Consumable Items: 18.5 Cu. Ft.
Total Cost of All Consumable Items: $5,424.68

REPORT DOCUMENTATION PAGE

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14. ABSTRACT (maximum 200 words)

Central to ensuring a fit and healthy force is the provision of a readily available and effectively executed sick call capability. Currently, Marine Corps sick call capability is included in the Battalion Aid Station (BAS) Authorized Medical Allowance Lists. The objective of this study was to support the creation of a stand-alone sick call capability. This paper describes the development of the sick call supply module using an objective, systematic methodology that identifies the clinical requirements for each individual supply, thereby providing the highest level of clinical support with the fewest resources. To identify sick call supplies, Naval Health Research Center (NHRC) first reviewed the Joint Readiness Clinical Advisory Board patient conditions (PCs) to determine those PCs covering disease and nonbattle injury (DNBI). Next, the rate that these DNBI PCs occur was determined using underlying casualty rate probabilities in the NHRC patient-generating model FORECAS. Third, a patient stream was fed into the NHRC Estimating Supplies Program to determine the supplies necessary to treat sick call patients. A total of 29 equipment and 143 consumable items were identified for the sick call module. An examination of these 172 items showed that 17 new medical items were added to the Marine Corps supply inventory, representing an enhancement to the administration of field sick call. Furthermore, the supplies in the sick call module are no longer co-mingled with the combat casualty care portion of the BAS. This stand-alone capability provides units greater flexibility in matching their medical supply support to their mission profiles and objectives.

15. SUBJECT TERMS
Sick Call; Authorized Medical Allowance List; AMAL; Medical Logistics; Medical Modeling & Simulation; Field Medicine; Medical Resource Allocation

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