

***The Air Force Mobile Forward Surgical Team (MFST):  
Using the Estimating Supplies Program to  
Validate Clinical Requirement***

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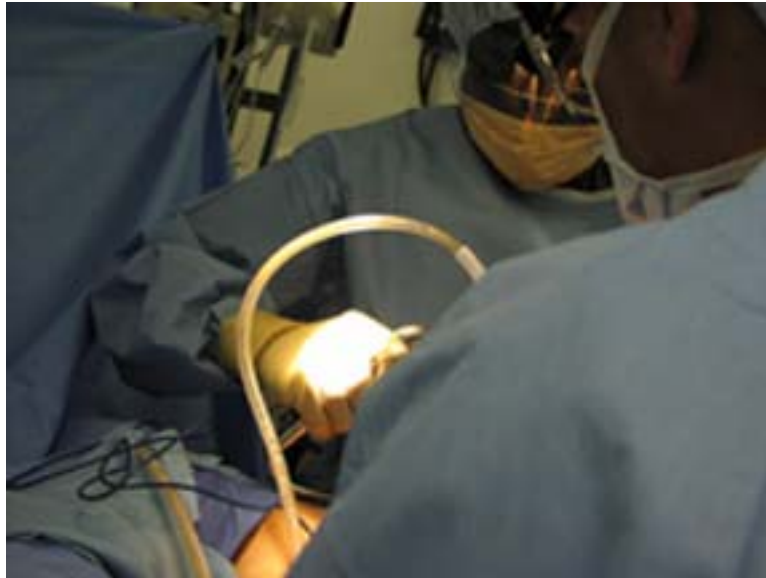
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# **The Air Force Mobile Forward Surgical Team (MFST):**

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## **Using the Estimating Supplies Program to Validate Clinical Requirements**



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## Summary

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### Problem

The Air Force Medical Support Agency, Surgeon General Support Logistics Office (AFMSA/SGSLX) requested that the Naval Health Research Center (NHRC) conduct a proof of concept study to assess the validity and feasibility of using a medical modeling tool developed by NHRC in U.S. Air Force Allowance Standard (AS) development and management. The Mobile Forward Surgical Team (MFST) Unit Type Code (UTC) AS was selected for this study with the goal of developing an inventory validation process using the databases in the NHRC Medical Modeling and Simulation laboratory.

### Objective

The primary objective of this study was to provide the Air Force with the ability to validate the clinical requirements of the MFST assemblage, with the goal of using the NHRC Estimating Supplies Program (ESP) to establish a viable audit trail linking clinical requirements with supply items.

### Approach

The approach was to use the reliable system NHRC has in place, utilizing ESP to create patient streams, then allowing its underlying relational database structure to attach task profiles and supplies to the patient conditions (PCs) in the stream.

The MFST supply and equipment inventory was mapped to clinical tasks and PCs in ESP using the Forward Resuscitative Surgical System (FRSS) model as a template. The matches from the FRSS model were identified in the MFST inventory, providing a pathway to align clinical tasks and PCs required to develop the MFST ESP model.

To ensure that the MFST patient stream to be entered into ESP represented an accurate picture of what might potentially occur, a panel of subject matter experts (SMEs) was assembled to offer experience and guidance concerning likely PCs the MFST would treat.

Once a patient stream was established and task profiles considered, comparing the clinical requirements needed at a Marine Corps FRSS to the MFST AS could begin. The SMEs subsequently reconciled supplies from those two lists, offering suggestions for substitutes and alternates.

### Results

A comparison of inventory tables revealed that MFST system equipment and supplies items were mapped to all tasks possessed by the FRSS and as such, no new clinical tasks were developed. The only notable equipment difference was the availability of oxygen, and equipment for fluid warming. Oxygen is supplied through a supporting UTC in Expeditionary Medical Support (EMEDS) and fluid warming is accomplished using the provider's body or the Meals, Ready-to-Eat (MREs) heating elements.

Appropriate stock levels were determined using prescribed FRSS inventory stock levels and converting alternates and substitutes based on unit of issue (UI) and amounts used per patient. Changes occurred when amounts for a defined patient stream were compared with the current MFST AS quantities, and they were most visible in medication and consumable supplies' varying units of measure (UM) and dosage amounts. Utilizing different packaging, however, may not follow MFST usability conventions.

There were decreases in all inventory categories, with little change evidenced in equipment, and more notable change in medications and consumables. High value, low weight, and cube items increased in both consumables and durables, which explains the overall decrease in weight and cube and the increase in cost. Medications decreased in all areas. A detailed inventory with recommended amounts and a weight, cube, and cost breakdown is provided.

### **Discussion and Conclusion**

Using a patient stream that reflected the MFST mission—its concept of employment and likely PCs treated there—ESP generated an appropriate supply list. The UM, UI, weight, cost, and cube data were then compared with those in the current MFST AS inventory.

A secondary result of this effort was the development of a process that includes using SMEs to link PCs, tasks, and supplies unique to a particular mission, in this case, the MFST one. This process can be applied to existing inventories from other UTCs and services, all of which can be validated using ESP.

# Introduction

## Background

Medical systems have been developed to satisfy the Joint Chiefs of Staff *Vision 2010* concept of increased mobility, dispersion, and pursuit of a higher tempo of operations among elements within the battlespace.<sup>1</sup> These systems require a limited footprint and the ability to rapidly deploy surgical and critical care capabilities, both of which involve projecting surgical systems forward. To accomplish this, a more efficient and precise method for determining medical readiness capabilities is needed, a requirement satisfied by ESP and its modeling and simulation functions.

Researchers at NHRC determined supply and equipment needs for forward casualty management and treatment, and have developed an extensive database relating PCs, clinical tasks, supplies, and equipment.<sup>2</sup> This database is the foundation for ESP, NHRC's medical modeling tool, and was used to develop the FRSS and En Route Care System for the Marine Corps.<sup>2,3</sup> Validation of the MFST system was possible using ESP's capabilities.

The AFMSA/SGSLX requested that NHRC conduct a proof of concept study to assess the validity and feasibility of integrating the use of ESP in the Air Force AS development and management. The MFST was selected for this study due to the similarities between it and the Marine Corps FRSS. The task was to develop the MFST using ESP's underlying relational database structure, shown in Figure 1, which outlines the associations made between PCs, tasks, and related supplies, in this case, for PC 005, a cerebral contusion. Knowing which PCs the MFST treats would lead to tasks, and ultimately, a workable inventory of supplies.

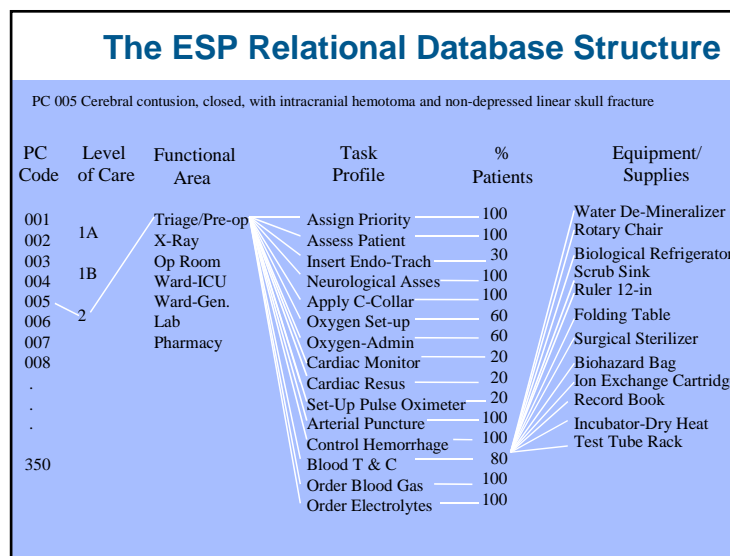


Figure 1. Relational structure for patient condition (PC) 005.

## **Forward Resuscitative Surgical System (FRSS)**

The FRSS provides life- and limb-saving resuscitative capabilities and is highly functional in the four early phases of combat casualty care: triage, immediate therapy/resuscitation, salvage surgery, and post-operative care. It was designed to act as an immediate follow-on to care administered by corpsmen in the field. To achieve the required level of mobility, FRSS procedures are limited to those that can be conducted in an abbreviated, staged manner, such as laparotomies, decompression craniotomies, vascular shunts, or amputations.

The FRSS provides these capabilities to 59 very specific, well-defined PCs and can perform up to 18 surgical cases over a 48-hour period using one operating room (OR) table. The medical specialties required to provide care in this model include one general surgeon, one anesthesiologist, one nurse, one Independent Duty Corpsman, two OR technicians, and two field medical technicians.

## **Mobile Forward Surgical Team (MFST)**

The MFST deploys to an austere environment in the second module of the EMEDS basic system and as a component of the Small Portable Expeditionary Aeromedical Rapid Response (SPEARRR) team. The system provides emergent surgical services and can perform advanced resuscitative procedures, treatment of thermal injuries, major wound debridement, life- and limb-saving surgeries, and other emergency surgeries. An MFST is capable of providing 10 surgical procedures or 20 resuscitative, nonsurgical procedures, all performed on 2 OR tables.<sup>4</sup>

The required medical specialties for this system include one general surgeon, one orthopedic surgeon, one emergency physician, one anesthesiologist/Certified Registered Nurse Anesthesiologist, and one OR nurse/technician. There is no stated organic capability to provide peri-operative services, however, the system is capable of providing limited pre- and post-operative care.

## **Methodology**

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The NHRC method of modeling medical supply requirements was developed to establish and/or review Authorized Medical Allowance Lists (AMALs) for various levels of care (LOCs) in the Navy and Marine Corps. Its aim is to give clinicians in the field or fleet the materiel they need to provide the best possible care, while still maintaining as minimal a logistical footprint as possible in concert with current Navy and Marine Corps doctrine. Each step of the modeling process is rigorously reviewed and vetted by a panel of SMEs to ensure every AMAL meets the medical needs of the service.

The initial medical systems used in this process were the Air Force AS for the MFST and the Marine Corps-Navy AMAL for the FRSS. These systems are similar in their overall function and purpose, but differ with regard to



deployment, personnel composition, and scope. Both systems were developed to respond to the critically wounded, and are configured to attend to patients requiring life- and limb-saving medical procedures. The FRSS was the comparison model because it had a PC and task profile already associated with materiel requirements for the system. The assessment objective was to document, using NHRC methodologies, the clinical capability of the existing MFST AS configuration, and validate the associated medical supplies required to support that clinical capability.

The NHRC model involves a process that usually begins with identifying which PCs and how many of each will be encountered, using casualty projection programs that have been incorporated into ESP. The ESP database captures illness and injury data and is composed of PC codes, tasks, and supplies, and Marine Corps medical configurations, which it uses to simulate mission scenarios. ESP generates a patient stream, associated PCs, and the tasks needed to care for those conditions, then links tasks to those supplies required to perform them. This methodology has been successfully used to develop medical supply requirements at various LOCs, including the FRSS. The general approach was to use the FRSS as the template for configuring the MFST AS.

The ESP simulation also creates an audit trail establishing clinical requirements for supply items in medical system inventories that enable logisticians, medical planners, and Manpower and Equipment Force Packaging (MEFPAK) members to validate current inventories and perform analyses of projected changes to future inventories. It also serves as a leading consumption indicator, making it easier to identify resupply requirements to ensure sustainment.

Once a relational database structure is developed for PCs treated by the MFST, tasks and supplies attached to those conditions become part of the inventory review process, and clinical requirements can be readily established. The lessons learned from this process can also be applied to other UTCs and services.

## **Identifying Patient Conditions and Task Profiles**

An SME working group was assembled to offer advice and experience. It comprised clinical, planning, and logistics personnel from the MFST Pilot Unit and MEFPAK managers, including a general surgeon, an anesthesiologist, an orthopedic surgeon, a medical planner, and a logistician. A complete list of working group participants and contact information is provided in Appendix A. The working group convened twice through the course of the project. Input from the group was critical, and ensured that MFST supplies and equipment were properly aligned to clinical tasks, in keeping with the scope of care proscribed in the MFST capability statement.

The first meeting was a teleconference during which a project overview and goals were presented. Those clinical SMEs with operational experience provided valuable insight regarding the employment, mission, and capabilities of the MFST system. NHRC provided, as a starting point, a list of 72 Defense Medical

Standardization Board (DMSB) PCs; included were 59 PCs treated by the FRSS, plus an additional 13, added in an effort to include nonsurgical resuscitative cases mentioned in the MFST mission statement.

The list was reviewed and the clinical SMEs validated that the surgical cases were of the kind intended for treatment at a deployed MFST UTC (see Appendix B, MFST Surgical Patient Conditions). The clinicians also reconciled the probability of performing specific surgical procedures against those actually experienced at the FRSS, the results of which are presented in Table 1.

**Table 1. Probability of Performing Specific Surgical Procedures**

<b>Procedure</b>	<b>Percentage Performed at MFST</b>
Abbreviated laparotomy	36.29
Vascular shunt/ligate	32.84
Amputation	12.32
Decompression craniotomy	8.98
Thoracotomy	6.35
Surgical airway	3.22
<b>Total</b>	<b>100.00</b>

At both SME working group meetings, all MFST tasks were reviewed to ensure that the appropriate level of care was captured. The tasks included the full scope of care, from triage to medical evacuation. The ESP database was used exclusively to assign tasks to supplies and equipment.

The second SME meeting was held at Kelly USA in San Antonio, Texas. The purpose of the meeting was to validate the surgical task profiles in ESP and to ensure appropriate mapping of (1) MFST supplies and equipment to ESP tasks, and (2) ESP tasks to unique MFST items. Appendix C shows all MFST line items, and lists their mapping to ESP clinical tasks. SME input resulted in the validation of the mapping process and the removal of one line item from the existing inventory.

By matching supplies to the MFST current component configuration, we were able to identify specific PCs and clinical tasks that it is capable of supporting, as well as tasks that it only partially supports because one or more critical items are missing. Clinical SMEs were consulted to determine whether the missing supply item was critical.

There are tasks in ESP that require no materiel, that draw supplies and equipment from supported medical systems, or are considered manual tasks with no equipment assigned to them, such as Recover/release from anesthesia. All tasks were included in the model, whether or not a materiel solution exists for them, because they represent activities called for in a treatment profile.

Tasks without supplies included in the MFST inventory were providing oxygen, fluid warming, and blood product refrigeration, and these supplies and equipment were removed from the task profiles. Although the MFST does have oxygen-sensing equipment to ensure a gas being delivered is oxygen, oxygen is provided by other UTCs within EMEDS and SPEARR or from local sources; fluid warming is accomplished via body heat, by inserting IV bags in the worn garments of care providers; also discussed was the potential for using the heating elements from MREs to warm fluids. No blood product refrigeration is needed, since blood is procured through a walking blood bank. Since Instrument Sterilization is not done, it was removed from the task profile, but Assemble Material and Cleanup remained, as did its associated equipment.

## **Identifying Supplies and Equipment**

The team used the FRSS model of comparing two inventory lists to determine the appropriateness of each supply line item to the MFST AS. The two lists, the Air Force July 2004 MFST AS and the Marine Corps FRSS AMAL, were obtained and compared, with the MFST AS as the reference list, so as to determine substitute and alternate supplies. Common items, items unique to the MFST, and items unique to the FRSS were identified. Items were matched to resource inventories including the ESP database, the FRSS list, the DMSB list of alternates and substitutes, and the consolidated list of supplies from the Fleet Marine Force AMALs.

Categories of matches, alternates, and substitutes were defined and identified. A match was an exact National Stock Number (NSN) match, and when a match was identified, there was no effort to find an alternate or substitute.

An alternate was an identical item, but of a different size, strength, or unit of issue. Morphine was an example of an alternate: the MFST carries morphine sulfate for injection 10 mg/ml supplied in packages of 25, whereas the FRSS has morphine sulfate for injection 10 mg/ml supplied in packages of 10. If an alternate was identified, no search was made for a substitute.

A substitute was defined as a functional equivalent, an item that differed but shared similar properties, or whose function did not deviate from acceptable standards of practice for a given task, such as surgical sponges: the MFST carries 4x4 surgical sponges, whereas the FRSS has 4x8 surgical sponges. The Universal Data Repository was used to help identify potential substitutes, particularly for equipment, and was instrumental in determining weight, cost, cube, and UI.

The first pass involved making exact NSN matches; in the second pass, non-matches were reviewed to determine alternates and substitutes. Leftover items were categorized as having either a clinical application, a repair or resupply application, or having no apparent clinical application at all.

The purpose of this mapping was to link existing MFST supplies to specific clinical tasks, and so items not mapped to FRSS components were mapped to other relevant databases to discern applicable clinical tasks. Next, a side-by-side

analysis of unique MFST and FRSS items was performed to determine if new capabilities existed.

Once the list of supplies was established, the SME panel looked it over and incorporated clinical task profiles into it. The matches, alternates, and substitutes were then incorporated into the ESP task table.

The MFST AS inventory baseline reference component configuration contained 327 items. When compared with the 387 items in the FRSS AMAL, 197 (60.2%) matches, alternates, or substitutes were found, as shown in Table 2.

**Table 2. MFST Inventory Mapped to FRSS Inventory**

Category	Total	Percentage
FRSS match	69	21.1
FRSS alternate	44	13.5
FRSS substitute	84	25.6
<b>Total</b>	<b>197</b>	<b>60.2</b>

The FRSS inventory is a subset of the ESP database. There were a total of 177 (54%) matches, alternates and substitutes between MFST and ESP, as displayed in Table 3.

**Table 3. MFST Inventory Mapped to the ESP Database**

Category	Total	Percentage
ESP match	117	35.7
ESP alternate	35	10.7
ESP substitute	25	7.6
<b>Total</b>	<b>177</b>	<b>54</b>

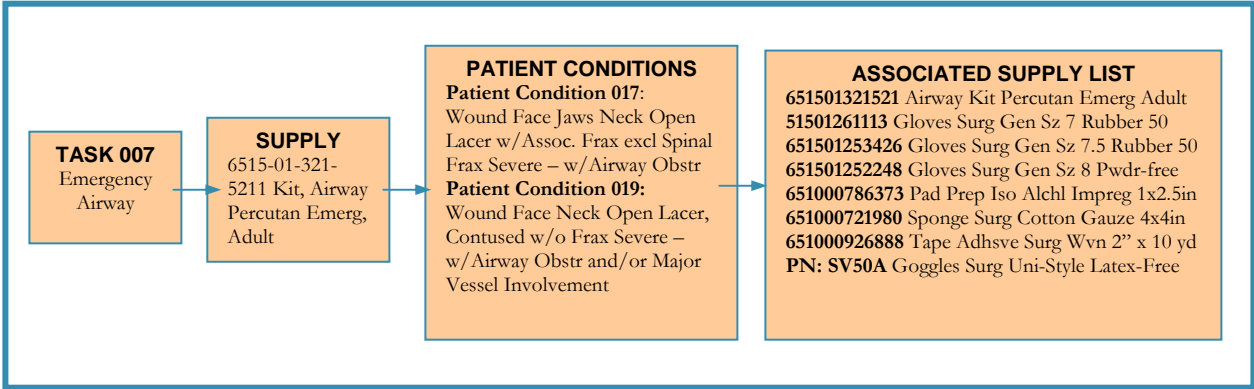
The FRSS inventory was the first inventory examined, which accounts for the large number of mapped inventory items. When inventories were consolidated and redundant matches eliminated, 274 (84.9%) matches, alternates, and substitutes were identified. Items not mapped to a clinical task included the hiker water microfilter, filter cartridges, and water purification tablets. These types of items were assigned to facility setup tasks and included in the patient stream.

The distribution of matches across only the most numerous Federal Supply Classes is displayed in Table 4.

**Table 4. NSN Distribution of Matches**

Federal Supply Class	Total	Percentage
6505 (Drugs, Biologicals, and Reagents)	27	57.4
6510 (Surgical Dressing Material)	11	91.6
6515 (Medical Surgical Equipment and Supplies)	65	33.6
<b>All others</b>	<b>14</b>	<b>16.4</b>

To determine the additional required supplies or equipment needed to complete a task for a given PC, equipment and supplies were mapped using ESP. Figure 2 shows a sequence of interrelated variables: tasks, PCs, and supplies for Task 007 Emergency Airway, for which an Airway Kit is one of the necessary supplies. The underlying relational structure of the links then shows other PCs for which that same supply may be used, as well as additional, associated supplies. This allows planners to answer such questions as, Which PCs use the Airway Kit for emergency airway procedures?, or, What other supplies are needed for that task? In this project, SMEs asked, Are the supplies linked to the PCs needed? If the answer was yes, the supplies were retained; if no, they were deleted from the list.



**Figure 2. Model of links made between tasks, supplies, patient conditions, and their associated supplies.**

**Creating a Patient Stream**

The next task was to create a patient stream and enter it into ESP to generate the supplies and equipment needed to treat the PCs in it. The results of that ESP run would be compared against the current inventory of AS supplies. ESP, as discussed, is a program that generates supplies required to treat a user-defined patient stream.<sup>5,6</sup>

Since a robust patient stream would serve the project best, one was created in ESP using a scenario based on real casualty data from intense force-on-force contingencies in Southwest Asia, and included the 72 PCs treated at the MFST. The challenge was to generate a relatively small patient stream (10 patients) from a long list of PCs and still capture the capabilities required to treat most all PCs from that list.

Associated with each PC is an underlying probability of occurrence. The underlying probability for each PC was recomputed by multiplying it by the number of patients drawn, which, in this case, was 10. This gives the rate of occurrence for each PC.

The next step is to repeat the sampling draw of PCs, taken 10 at a time—each sampling is called an iteration—with each iteration representing a possible scenario consisting of types of patients. In this study, 50 iterations were run, which means each of the 72 PCs was assigned a number between 1-10 (the number of patients in the stream) 50 times, and that number represented the probability that each PC might occur in the scenario. The numbers are then rank ordered from highest to lowest. The program selects the numbers appearing in the 80th percentile of this ordering, thus creating a patient stream for input into ESP to generate associated tasks and supplies. Table 5 is an abbreviated example of this process; in the sample patient stream created below, there would be 3 patients with PC 001, 1 with condition 002, and 3 with condition 003, as seen in red.

**Table 5. Sample Iterations of a Patient Stream**

Iteration	PC 001	PC 002	PC 003
1	2	1	3
2	1	2	1
3	4	0	4
4	3	0	0
5	1	1	1

Rank-Ordered Sample Patient Stream			
Percentile	PC 001	PC 002	PC 003
100	4	2	4
<b>80</b>	<b>3</b>	<b>1</b>	<b>3</b>
60	2	1	1
40	1	1	1
20	1	0	0

The 72 PCs listed in Appendix B, MFST Surgical Patient Conditions, were derived from the 80th percentile of the list after 50 iterations, ensuring with high statistical probability that all PCs were present at least once. The patient stream created by ESP was then used to determine consumable quantities.

Table 6 shows the 12 PCs in this patient stream, which, though more than the 10 PCs prescribed by MFST doctrine, is a statistically sound sampling, since it represents the 80th percentile and encompasses all tasks called for in the model.

**Table 6. Patient Conditions in the Stream**

PC	Patients	Patient Condition Description
054	2	Wound, Forearm, Open, Lacerated, Penetrating, with Fracture and Nerve and Vascular Injury, Forearm Salvageable
070	1	Amputation, Forearm, Traumatic, Complete, All Cases
137	2	Wound, Ankle, Foot, Toes, Open, Penetrating, Perforating, with Fractures and Nerve and/or Vascular Injury, Limb Salvageable
138	1	Crush Injury, Lower Extremity, Limb Not Salvageable
162	1	Multiple Injury Wound (MIW), Brain and Abdomen with Penetrating, Perforating Wound, Bladder
165	1	MIW Brain and Lower Limbs Requiring Bilateral Above Knee Amputations
167	1	MIW Chest with Pneumothorax and Abdomen with Penetrating, Perforating Wound, Kidney
175	1	MIW Abdomen and Limbs with Penetrating, Perforating Wound of Colon, Open Fracture and Neurovascular Injury of Salvageable Lower Limb
180	1	MIW Abdomen and Lower Limbs, with Fracture and Nerve Injury, Penetrating Wound of Spleen, with Full Thickness Burns >20 % of TBSA
182	1	MIW Chest with Pneumothorax, Soft Tissue Injury to Upper Limbs, and Penetrating Wound of Brain
<b>Total</b>	<b>12</b>	

The distribution of the kinds of tasks and procedures performed for this patient stream are provided in Table 7. The team looked at and counted individual tasks and procedures performed on the 12 PCs, compared them with a breakdown of types of procedures the MFST was designed to treat, and found them to be consistent with the probabilities displayed in Table 1, which are those procedures the clinical SMEs agreed would likely be performed at the MFST. This indicates that using this method gives a solid representation of PCs likely to be treated.

**Table 7. Distribution of Tasks and Procedures in Patient Stream**

Procedure	Number of Times Performed	Percentage Performed at MFST
Vascular shunt/ligations	6	33
Abbreviated laparotomy	4	22
Amputation	3	16
Decompression craniotomy	3	16
Thoracotomy	2	10
Other		3
<b>Total</b>	<b>18</b>	<b>100</b>

The range of conditions the MFST can treat is considerable, given the PCs present in the patient stream. PCs 162, 165, 167, 175, 180, and 182 are all multiple injury wounds requiring complex procedures of the kind listed in Table 7. The MFST range of capability also lends itself to PCs beyond those listed in the 72 PCs, as it is capable of providing care to less emergent, non-life- or limb-threatening PCs outside the scope of its mission statement but that may require procedures like those in Table 7.

There is also considerable overlap of injuries and conditions in numerous PCs. Table 8 displays PCs that are similar and call for the same tasks. PC 162 includes a perforated bladder that will likely call for an exploratory laparotomy. Any injury to the abdomen or its structures—such as PC 175, an abdominal multiple injury wound resulting in a perforated colon and bladder—will likely involve an exploratory laparotomy. Likewise, in the tasks called for by PC 182 are those required to treat pneumothorax (blood in the pleural cavity); the same task profile would be required for PCs 166-171, all of which include pneumothorax as one of the conditions that must be treated.

**Table 8. Similar PCs That Call for Similar Tasks**

Patient Stream PCs	Associated Patient Conditions
054	045, 124, 131, 137
070	071, 144, 145, 146, 147
137	045, 054, 124, 131
138	061, 062, 139
162	005, 006, 007, 108, 109, 114, 185
165	005, 006, 007, 070, 071, 144, 145
167	087, 106, 107, 185
175	114, 115, 124, 131, 185
180	079, 094, 105, 123, 124, 130, 131, 137, 185
182	005, 006, 007, 166-171, 183, 184, 185

These PCs represent the full spectrum of tasks required for emergent surgical and/or resuscitative care, except for task 007, Emergency Cricothyroidotomy and task 358, Tracheostomy. The supplies and equipment associated with these two tasks are not called for in the inventory. Task 007 is only listed in two PCs, 017 and 019, both of which are traumas involving wounds to the face, neck, or jaw, resulting in air obstructions. The surgical airway task is profiled in PCs 017, 019, and 087, all of which have respiratory distress as a component. The material solutions for both these tasks are included in the model and would appear in the inventory when the tasks are required by the patient stream.

## Results

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As a result of the SME meetings and their clinical guidance, all MFST supplies and equipment were mapped to tasks in ESP and a new inventory prepared for a patient stream that reflected the MFST mission statement.



The revised inventory, generated using ESP, resulted in some notable differences when compared with the current MFST inventory. A comparison of weight, cube, and cost of the current MFST AS and the revised inventory is shown in Table 9. For a detailed accounting of weight, cube, and cost changes resulting from the comparison of current MFST quantities with those generated using ESP methodology, see Appendix D.

**Table 9. Table of Changes Comparing Current MFST Inventory with Revised Inventory**

<b>Category</b>	<b>Weight</b>	<b>Cube</b>	<b>Cost</b>
Current equipment	611.780	78.451	\$96,257.54
Revised equipment	604.500	77.732	\$87,793.70
Difference	-7.280	-0.719	-\$8,463.84
<b>Percent change</b>	<b>-1.190</b>	<b>-0.916</b>	<b>-8.79</b>
Current medication	73.281	4.305	\$2,021.57
Revised medication	34.916	2.662	\$1,158.96
Difference	-38.364	-1.642	-\$862.60
<b>Percent change</b>	<b>-52.352</b>	<b>-38.149</b>	<b>-42.67</b>
Current consumables	516.943	68.737	\$12,110.881
Revised consumables	415.748	55.887	\$17,855.74
Difference	-101.195	-12.849	+\$5744.859
<b>Percent change</b>	<b>-19.576</b>	<b>-18.694</b>	<b>+47.436</b>
Current durables	18.064	5.032	\$555.676
Revised durables	10.358	4.873	\$607.29
Difference	-7.706	-0.159	+\$51.617
<b>Percent change</b>	<b>42.658</b>	<b>3.151</b>	<b>-9.289</b>
<b>Current total</b>	<b>1220.302</b>	<b>156.681</b>	<b>\$110945.664</b>
<b>Revised total</b>	<b>1065.523</b>	<b>141.155</b>	<b>\$107415.697</b>
<b>Difference</b>	<b>-154.780</b>	<b>-15.526</b>	<b>-\$3529.968</b>
<b>Percent change</b>	<b>-12.684</b>	<b>-9.909</b>	<b>-3.182</b>

The most notable change in equipment inventory was due to the external fixation devices. This patient stream called for 5 devices instead of the 10 listed in the current inventory. Although this reduction had little impact on the total weight and cube, it did represent a savings of \$8510.00.

Due to using the lowest possible UM, medications and consumable supply items represented the greatest area of change in the inventory. When estimating medication consumption, amounts were based on per-patient usage. Packages with smaller quantities were selected when the amount indicated by the patient stream showed that adequate care could be provided with the lesser amount.

For instance, 4.9 ml of an epinephrine injection USP 1 mg/ml was called for in the patient stream, and a 30-ml vial is available, yet two 60-ml vials appeared in the original inventory. The 30-ml vial was selected as adequate for the patient

stream, thus reducing the inventory of epinephrine by 90 ml. Similar changes are noted regarding cefotetan, which comes in 10-g vials. Three grams of cefotetan every 12 hours is prescribed for life-threatening infections, and was called for in 3 of the patients, resulting in an 18-g requirement should the patients stay at the MFST for 24 hours. This means that the number of vials required for the patient stream could be substantially reduced from 6 to 2. The quantity of sterile water used for reconstituting medications was also reduced because cefotetan is the only medication needing reconstitution that does not come with its own supply. This item in the current inventory was supplied in 2 packages with 20-ml vials, 25 vials per package. The revised inventory called for .12 packages, or 3 vials. No other clinical application was assigned to the sterile water during the SME review, yet they had included far more than was necessary.

Durable items, such as batteries, nylon cords, chemiluminescent lights, and tie-down straps decreased in quantity, bringing down the weight, cube, and cost in that category.

Consumables decreased overall in weight and cube, attributable to calculating by per-patient consumption. Costs, however, increased. This is partially due to the fact that the patient stream included very high acuity surgical patients, and though there were changes to all inventory categories, some cost adjustments specific to consumables were necessary. For example, significantly more vascular shunts—expensive items with minimal impact on weight and cube—were needed; the current inventory had 1 shunt, whereas the patient stream called for 8.

Bandages and dressing supplies like Ace® wraps, Kerlix®, and surgical sponges represented a moderate decrease in the aggregate. Decreases were also found in IV catheters and endotracheal tubes. The current inventory carries 60 IV catheters, whereas the patient stream required only 30, and although 38 endotracheal tubes in 3 different sizes were included in the inventory, only 24 (in the same 3 sizes) were recommended for this patient stream.

Some items like masks and aprons required for OR team preparation increased in quantity because each OR team member is issued new sleeves and masks for every surgery case. There was also an overall increase in sutures, again, due to the types of surgical cases in the patient stream.

## Discussion and Conclusion

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The entire MFST inventory was mapped to clinical tasks in the ESP database and cycled through a robust patient stream, generating a list of supplies required to provide care to the 12 PCs determined by the simulation. The patient stream reflected the type and frequency of injuries covered under the MFST mission. The clinical SME input had a direct impact on the accuracy in associating task to supply, and in keeping to their standards of practice. The ESP database provided a reliable foundation for this effort, and resulted in a more detailed consumption analysis. A reduction of total weight, cube, and cost in the MFST inventory was achieved, while increasing the clinical capability. The 72 PCs identified are life- and limb-threatening injuries that require immediate surgical or resuscitative intervention, yet the MFST scope of care includes tasks and supplies appropriate to PCs that are not life- or limb-threatening as well.

The biggest change in the AS was in medication quantities. In the model, the low UM was predicated on per-patient use. In the case of multi-dose medications like lidocaine and epinephrine, the UM was based on milliliters rather than vials, accounting for a significant reduction in cost and weight in that category. There is also overlap in tasks, supplies, and equipment; for example, those required to perform an exploratory laparotomy due to an abdominal gunshot wound would also likely be used for an appendectomy or any other PC requiring this procedure.

There was also a notable increase in the cost of consumables, due to high acuity surgical patients populating the patient stream; these types of patients require numerous, costly vascular shunts and large amounts of consumable supplies.

Exporting ESP capabilities to inventories other than those of the Navy and Marine Corps proved to be a viable method of evaluating other pre-existing medical systems' capabilities. ESP determines appropriate stock levels for equipment and consumable supplies, and in this case, indicated that a reduction of weight, cube, and cost was appropriate for the patient stream, a critical estimation for a highly mobile, people-transportable system like the MFST. ESP is also a highly effective tool with which to configure resupply packs, ensuring medical materiel sustainment across the spectrum of medical care facilities, while maintaining their clinical capability.

The ESP simulation creates an audit trail establishing clinical requirements for supply items in medical system inventories that enable logisticians, medical planners, and MEFPAK members to validate current inventories and perform analyses of projected changes to future inventories. It also serves as a leading consumption indicator, making it easier to identify resupply requirements to ensure sustainment.

## References

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4. Air Force Medical Service Concept of Operations for Small Portable Expeditionary Aeromedical Rapid Response Team, Headquarters United States Air Force, Surgeon General, Bolling AFB, Washington, D.C. 20332-7050; 2000.
5. Tropeano, A & Konoske, P. *Estimating Supplies Program Version 2.00: User's Guide*. San Diego, Calif: Naval Health Research Center; Technical Document No. 02-1A; 2002.
6. For more information concerning the Estimating Supplies Program (ESP), visit our website, <http://www.nhrc.navy.mil/programs/esp>

## APPENDIX A

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## APPENDIX B

### MFST SURGICAL PATIENT CONDITIONS

- 005 Cerebral Contusion, Closed, w/Intracranial Hematoma, w/without Nondprssd Linear Skull Frax, Severe--Lge Hematoma (Incl. Epidural) Rapid Deteriorating Comatose Patient.
- 006 Cerebral Contusion, Closed, w/Nondprssd Linear Skull Frax, Severe; Loss of Consc. more than 24 Hours, w/without Focal Neurolog. Deficit.
- 007 Cerebral Contusion, Closed with Depressed Skull Fracture, Severe—w/Associated Intracerebral Hematoma and/or Massive Depression.
- 017 Wound, Face, Jaws, and Neck, Open, Lacerated with Associated Fractures, excluding Spinal Fractures, Severe—w/Airway Obstruction.
- 019 Wound, Face & Neck, Open, Lacerated, Contused w/out Fractures, Severe—w/Airway Obstructions and/or Major Vessel Involvement.
- 045 Wound, Upper Arm, Open, Penetrating, Lacerated, without Fracture, Severe—with Nerve and/or Vascular Injury.
- 047 Wound, Upper Arm, Open with Fractures and Nerve and Vascular Injury, Arm Not Salvageable.
- 053 Wound, Forearm, Open, Lacerated, Penetrating, with Fracture and with Nerve and Vascular Injury, Forearm Not salvageable.
- 054 Wound, Forearm, Open, Lacerated, Penetrating, with Fracture and with Nerve and Vascular Injury, Forearm Salvageable.
- 061 Crush Injury, Upper Extremity, Severe—Limb Not Salvageable.
- 062 Crush Injury, Upper Extremity, Moderate—Limb Salvageable.
- 070 Amputation, Forearm, Traumatic, Complete, All Cases.
- 071 Amputation, Full Arm, Traumatic, Complete, All Cases.
- 079 Burn, Thermal, Full Thickness, Upper Extremities, greater than 10 percent but less than 20% of Total Body Area Involved.
- 087 Wound, Thorax (Anterior or Posterior) Open Penetrating, w/Assoc, Rib Fractures & Pneumothorax, Acute, Severe Respty. Distress.
- 094 Burn, Thermal, Full Thickness, Trunk, greater than 20 percent but less than 30 percent of Total Body Area Involved.
- 098 Wound, Liver, Closed, Acute (Crush Fracture), Major Liver Damage.
- 099 Wound, Liver, Closed, Acute (Crush Fracture), Minor Liver Damage.
- 100 Wound, Spleen, Closed, Acute (Crush Fracture), All Cases.
- 101 Wound, Abdominal Cavity, Open, with Lacerating, Penetrating, Perforating Wound to the Large Bowel.
- 102 Wound, Abdominal Cavity, Open, with Lacerating, Penetrating, Perforating Wound to Small Bowel, without Major or Multiple Resections.
- 103 Wound, Abdominal Cavity, Open, with Penetrating, Perforating Wound of Liver, Major Damage.
- 104 Wound, Abdominal Cavity, Open, with Penetrating, Perforating Abdominal Wound with Lacerated Liver.
- 105 Wound, Abdominal Cavity, Open, with Penetrating, Perforating Wound of Spleen.
- 106 Wound, Abdominal Cavity, Open, with Lacerated, Perforated Wound with Shattered Kidney.
- 107 Wound, Abdominal Cavity, Open, w/Lacer., Penetrating, Perforating Wound w/Lacer. Kidney, Initially Repaired, but later Nephrectomy.
- 108 Wound, Abdominal Cavity, Open with Lacerated, Penetrating, Perforated Wound with Shattered Bladder.
- 109 Wound, Abdominal Cavity, Open with Lacerated, Penetrating, Perforated Wound with Lacerated Bladder.
- 114 Wound, Abdomen, Open, with Pelvic Fracture and Penetrating, Perforating Wounds to Multiple Pelvic Structures(Male or Female).
- 115 Wound, Abdomen, Open, with Pelvic Fracture and Penetrating, Perforating Wounds to Pelvic Colon Only (Male or Female).
- 123 Wound, Thigh, Open, Lacerated, Penetrating, Perforating with Fracture and Nerve/Vascular Injury, Limb Not Salvageable.
- 124 Wound, Thigh, Open, Lacerated, Penetrating, Perforating, with Fracture and Nerve and/or Vascular Injury, Limb Salvageable.
- 130 Wound, Lower Leg, Open, Lacerated, Penetrating, Perforating, with Fracture and Nerve/Vascular Injury, Limb Not Salvageable.
- 131 Wound, Lower Leg, Open, Lacerated, Penetrating, Perforating, with Fracture and Nerve and/or Vascular Injury, Limb Salvageable.
- 136 Wound, Ankle, Foot, Toes, Open, Penetrating, Perforating, with Fractures and Nerve/Vascular Injury, Limb Not Salvageable.
- 137 Wound, Ankle, Foot, Toes, Open, Penetrating, Perforating, with Fractures and Nerve and/or Vascular Injury, Limb Salvageable.
- 138 Crush Injury, Lower Extremity, Limb Not Salvageable.
- 139 Crush Injury, Lower Extremity, Limb Salvageable.
- 144 Amputation, Foot, Traumatic, Complete, All Cases.
- 145 Amputation, Below Knee, Traumatic, Complete, All Cases.
- 146 Amputation, Traumatic, Complete, Requiring Hip Disarticulation.
- 147 Amputation, Above Knee, Traumatic, Complete.
- 154 Burn, Thermal, Full Thickness, Lower Extremities & Genitalia, greater than 30% but less than 40% of Total Body Area Involved.
- 155 Burn, Thermal, Full Thickness, Lower Extremity & Genitalia, greater than 15% but less than 30% of Total Body Area Involved.
- 159 Multiple Injury Wound (MIW) Brain and Chest with Sucking Chest Wound and Pneumothorax.
- 160 MIW Brain and Abdomen with Penetrating, Perforating Wound, Colon.
- 161 MIW Brain and Abdomen with Penetrating, Perforating Wound, Kidney.
- 162 MIW Brain and Abdomen with Penetrating, Perforating Wound, Bladder.
- 163 MIW Brain and Abdomen with Shock and Penetrating, Perforating Wound, Spleen.
- 164 MIW Brain and Abdomen with Shock and Penetrating, Perforating Wound, Liver.
- 165 MIW Brain and Lower Limbs Requiring Bilateral Above Knee Amputations.
- 166 MIW Chest with Pneumothorax and Abdomen with Penetrating Wound, Colon.
- 167 MIW Chest with Pneumothorax and Abdomen with Penetrating, Perforating Wound, Kidney.
- 168 MIW Chest with Pneumothorax and Abdomen with Perforating Wound, Bladder.
- 169 MIW Chest with Pneumothorax and Abdomen with Penetrating, Perforating Wound, Spleen.

## APPENDIX B

### MFST SURGICAL PATIENT CONDITIONS

- 170 MIW Chest with Pneumothorax and Abdomen with Penetrating, Perforating Wound, Liver.
- 171 MIW Chest with Pneumothorax and Limbs with Fracture and Vascular Injury.
- 172 MIW Abdomen with Penetrating, Perforating Wound of Colon and Bladder.
- 173 MIW Abdomen with Penetrating, Perforating Wound of Colon and Spleen.
- 174 MIW Abdomen with Penetrating, Perforating Wound of Colon and Liver.
- 175 MIW Abdomen & Limbs w/Penetrating, Perforating Wound of Colon, Open Fracture, Neurovascular Injury of Salvageable Lower Limb.
- 176 MIW Abdomen and Pelvis with Penetrating, Perforating Wound of Liver and Kidney.
- 177 MIW Abdomen and Pelvis with Penetrating, Perforating Wounds of Spleen and Bladder.
- 178 MIW Abdomen, Pelvis, Limbs, with Fracture and Neurovascular Injury, Limb Salvageable, and Penetrating Wound, Kidney.
- 179 MIW Abdomen, Pelvis, Limbs, without Fracture or Neurovascular Injury, and Penetrating, Perforating Wound, Bladder.
- 180 MIW Abdomen & Lower Limbs, Fracture, Nerve Injury, Penetrating Wound of Spleen, Full Thickness Burn to greater than 20% TBSA.
- 181 MIW, Abdomen and Limbs, without Fracture or Nerve Injury, with Penetrating Wound of Liver.
- 182 MIW Chest with Pneumothorax, Soft Tissue Injury to Upper Limbs, and Penetrating Wound of Brain.
- 183 MIW Chest with Pneumothorax, Soft Tissue Injury to Upper Limbs and Abdomen, with Wound of Colon.
- 184 MIW Chest with Pneumothorax, Pelvis and Abdomen, with Wound of Colon and Bladder.
- 185 MIW Abdomen and Chest with Multiple Organ Damage.
- 313 Wound, Abdominal Cavity, Open, with Lacerated, Penetrating, Perforating Wound, Kidney, Moderate—Kidney Salvageable.

## APPENDIX C

### MFST TASK AND SUPPLY ASSIGNMENT

<b>Task 001</b>	<b>Triage</b>
7210009356666	BLANKET CASUALTY PLASTIC FILM ALUM COATED 96X56INCHES GREEN
6530014521651	LITTER EVACUATION TALON II PORTABLE COMPACT LIGHTWIEGHT
7530002900617	PAPER BOND
6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT 31.5 INCHES HIGH
<b>Task 002</b>	<b>Assessment and Evaluation of Patient</b>
6135NCM020191	BATTERY AAA DURACELL
6135009857845	BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE
6230NCM021006	MINI MAG LITE
<b>Task 006</b>	<b>Establish Adequate Airway</b>
6515006878052	AIRWAY PHARYNGEAL BERMAN DSGN LARGE ADULT 100MM LG PLAS DISP
6515012882203	AIRWAY ORAL PLAS SZ MED ADULT O/A LG 90MM I.S. ORAL B
6505001117829	LUBRICANT SURGICAL 5 GRAM
<b>Task 007</b>	<b>Emergency Cricothyroidotomy</b>
6510009268883	ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS
6515013576436	CRICOTHYROTOMY SET STREILE INDIVIDUAL PEEL OPEN PACKAGE
6515011498841	GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP
6515011498842	GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE
8415NCM991102	PROTECTIVE EYEWEAR 10'S
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY
<b>Task 010</b>	<b>Neurological Assessment</b>
6135NCM020191	BATTERY AAA DURACELL
6135009857845	BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE
6230NCM021006	MINI MAG LITE
<b>Task 011</b>	<b>Stabilize Neck (Collar/Spine)</b>
6515012254681	SPLINT UNIVERSAL 36X4.50 MALLEABLE ALUM RADIOLUCENT LTWT
<b>Task 017</b>	<b>Suction (Oral/Trach/Endo)</b>
6515015003064	CANISTER ASSEM SUCTION SURG COLLECTION 800ML DISP 10S
6515004588416	CATHETER & CONN SUCT TRACH E14 18FR WHISTLE TIP 2 EYES MAS
6515009269201	CONNECTOR TUBING STR A18 TAPER SERRATIONS 3.5" LG 0.188" ID
6530007940600	TRAY MEDICINE CRES 4X9.25/10X.5625/.6875"MIN/MAX W/O COVER
6515014726485	TUBE CONNECTING SURG APPARATUS PLAS STR 144"LG 6MM END DIA 20S
6515014350050	SUCTION APPARATUS SURG PROGRAMMABLE BATTERY 11-30V OR AC PRTBLE
<b>Task 019</b>	<b>Emergency Control of Hemorrhage</b>
6510009268883	ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS
6510009355822	BANDAGE ELASTIC FLESH ROLLED 4.5YDX4"WASHABLE PRESSURE 12S
6510000583047	BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.
6510015038726	BANDAGE HEMORRHAGE CONTROL 4X4" STERILE CHITOSAN 5 PER PACKAGE
6510014600849	BANDAGE KIT ELASTIC
6510011126414	GAUZE PETROLATUM 3 BY 36 INCHES STEP-BACK ACCORDION WHITE 12S
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY
<b>Task 022</b>	<b>O<sub>2</sub> Administration</b>
6515013311567	ADAPTER OXYGEN NUT-NIPPLE INLET HOSE BARB FITTING LEAKPROOF 50S
6135009002139	BATTERY NONRECHARGEABLE ALKALINE 9.0 VOLTS SNAP-ON RECT
6515011456298	MASK ORONASAL PLASTIC DISP ANESTHESIA TYPE NONCONDUCTIVE 20S
6515014409394	MONITOR OXYGEN PORTABLE POWERED BY 9V AC BATTERY
6680011839784	REGULATOROXYGEN HEAVY DUTY SINGLE STAGE PRESSURE REDUCING
6515013337743	RESUSCITATOR-INHALATOR-ASPIRATOR PRTBLE W/ADL MASK CODE BLUE 10S
6515013260184	TUBE INHALER PLAS 84" LG FORCE-FIT CONN VINYL TIPPED NONSTER 50S
6515010747805	TUBE INHALER PLASTIC NONSTERILE DISPOSABLE 100 FEET
6515013883857	VALVE POSITIVE END EXPIRATORY PRESS VENTILATOR STD SZ THD ADJ10S
5120000974136	WRENCH BOX ALL ALUMINUM 4.937"L END HAS TWO .25"W SLOTS



<b>Task 024</b>	<b>Vital Signs</b>
6515014322711	MONITOR PATIENT 206EL
6515010394884	SPHYGMOMANOMETER ANEROID 300MM MAX CALIBRATION W/CLIP FOR CUFF
6515009354088	STETHOSCOPE ADL SZ 24" LG TWO POSN VALVE BRASS/ALUM/ZINC/CRS/CS
<b>Task 031</b>	<b>Maintain on EKG Monitor</b>
6515015163186	ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOLID GEL
6515014322711	MONITOR PATIENT 206EL
<b>Task 032</b>	<b>Set Up Pulse Oximeter</b>
6515012714894	SENSOR OXYGEN MONITORING NON-INVAS ARTERIAL F/ADULT FINGERS 24S
6515014788708	CARRYING CASE PULSE OXIMETER BLACK CANVAS F/6515-01-446-6766
6515014322711	MONITOR PATIENT 206EL
6515014660971	OXIMETER PULSE FINGER PULSE OXIMETER SELF CONTAINED
<b>Task 038</b>	<b>Maintain on Ventilator</b>
6515014661195	CIRCUIT VENTILATOR MEDICAL VINYL DISP 6FT LG VARIOUS PORTS 15S
6515013750513	FILTER HEAT & MOISTURE EXCHANGER ANES EQPT PLAS 15MM ID DISP 50S
6515014527697	OXIMETER PULSE 110/220VAC 50/60HZ CERTIFIED F/FIXED WING ONLY
6530014551653	VENTILATOR VOLUME PTBL 8.870X11.5IN UNI-VENT 120/220V AC
<b>Task 044</b>	<b>Set Up Drainage Bottles/Pleurevac</b>
6515015003895	BAG AUTOTRANSFUSER PLEUR-EVAC ATS BAG DISP U/W WET SERIES 6S
<b>Task 046</b>	<b>Maintain Chest Tube Suction (Equip Task)</b>
6515015003064	CANISTER ASSEM SUCTION SURG COLLECTION 800ML DISP 10S
6515014350050	SUCTION APPARATUS SURG PROGRAMMABLE BATTERY 11-30V OR AC PRTBLE
6515014726485	TUBE CONNECTING SURG APPARATUS PLAS STR 144"LG 6MM END DIA 20S
<b>Task 049</b>	<b>Start/Change IV Infusion Site</b>
6515013271282	ADAPTER INJ-ASPR SITE FORCE-FIT FEMALE LUER LOCK 1" LG DISP
6510009268882	ADHESIVE TAPE SURGICAL POROUS WOVEN 1" X 10 YD
6510009268883	ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS
6515015199210	ADMINISTRATION SET,INTRAVENOUS FLUID
6515012392494	CATHETER&NDL UNIT D12 IV 14GAX1.25" 2" NDL CLR FLASH CHAMBER200S
6515002439695	CATHETER & NDL UNIT D12 IV 18GA X 1.25" CATH & NEEDLE
6515014990961	EXTENSION SET INTRAVENOUS ADMIN STER VOL APPROX 4ML 30" TUB 120S
6515012808163	INFUSOR PRESSURE BLOOD INTRAVENOUS BAG 14X6" 1000ML COLOR CODED
6515001179021	INTRAVENOUS INJ SET VENTED 15 DROPS PER ML 78" LG STER DISP
6515013100767	INTRAVENOUS INJECTION SET 100" LG 10 DROPS/ML STER DISP
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE
6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY PLASTIC STERILE DISPOSABLE
6515013538850	TUBE EXT INJ SET 42" LG ANES EXT SET W/2 NORMALLY CLO VALVES 50S
<b>Task 050</b>	<b>IV Infusion, Change Bottle (Maintain)</b>
6505012811247	HETASTARCH IN SODIUM CHLORIDE INJECTION 500ML BAG
6505013308924	SODIUM CHLORIDE INJECTION USP 0.9% 100ML BAG
6505012910333	SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG
4020002460688	CORD FIBROUS NYLON 32 OR 36 STRAND 400YD
<b>Task 062</b>	<b>IV Infusion Blood Products Hyperal</b>
6505014088048	DIPHENHYDRAMINE HYDROCHLORIDE INJECTION USP 50MG/ML 10ML VIAL
6515014476868	BLOOD COLLECTING-DISPENSING BAG AND DONOR SET PLAS 4000ML
6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY PLASTIC STERILE DISPOSABLE
6515013538850	TUBE EXT INJ SET 42" LG ANES EXT SET W/2 NORMALLY CLO VALVES 50S
<b>Task 065</b>	<b>Insert Central Lines — Large Bore Access</b>
6510009268883	ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS
6515012811238	CATHETERIZATION KIT CARDIOVASCULAR 8.5FR 9 COMPONENTS RADPQ 10S
6515011498841	GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP
6515011498842	GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP
6510010100307	PAD POVIDONE-IODINE IMPRE STER COTTON/RAYON 2X1.375" BROWN
8415NCM991102	PROTECTIVE EYEWEAR 10'S
6515012348977	RAZOR SURGICAL PREPARATION STER DISP W/O COMB DBL EDGE 50S
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY
6515013568511	SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S

**Task 070 Bowel Sounds Assessment**

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6515013690937 EARPIECE STETHOSCOPE NOISE PROTECTION DISPOSABLE 50S  
6515009354088 STETHOSCOPE ADL SZ 24" LG TWO POSN VALVE BRASS/ALUM/ZINC/CRS/CS  
6515014995077 STETHOSCOPE LARGE WENGER WEIGHTED CHESTPIECE PRECORDIAL  
6515014995078 STETHOSCOPE LARGE WENGER WEIGHTED CHESTPIECE SMALL PRECORDIAL

**Task 071 Insert NG Tube**

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6505005843131 LIDOCAINE HYDROCHLORIDE JELLY USP 2% 30 ML TUBE WITH APPLICATOR  
6505001117829 LUBRICANT SURGICAL 5 GRAM  
6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
6515013549055 TUBE SUCT SURG SALEM D7 SUMP DRAIN 18FR ANTI REFLUX VALVE

**Task 073 Perform NG/OG Suction**

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6515015003064 CANISTER ASSEM SUCTION SURG COLLECTION 800ML DISP 10S  
6515014350050 SUCTION APPARATUS SURG PROGRAMMABLE BATTERY 11-30V OR AC PRTBLE

**Task 075 Irrigate NG Tube**

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6505012910333 SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG  
6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
6515013634466 SYRINGE IRRGT ASPR IRRGT DSGN 50CC CAP W/CATH TIP & TIP COVER50S  
6530007940600 TRAY MEDICINE CRES 4X9.25/10X.5625/.6875""MIN/MAX W/O COVER

**Task 079 Catheterization, Foley**

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6505005843131 LIDOCAINE HYDROCHLORIDE JELLY USP 2% 30 ML TUBE WITH APPLICATOR  
6515010988356 CATHETER URETHRAL FOLEY 18FR ADULT SZ 5CC ROUND TIP I.S. 12S  
6530010592473 BAG URINE COLLECTION PLASTIC DISPOSABLE 2 LITER CAPACITY

**Task 082 Measure/Record Intake and Output**

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7530002900617 PAPER BOND

**Task 084 Shave and Prep**

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6505001117829 LUBRICANT SURGICAL 5 GRAM  
6515012348977 RAZOR SURGICAL PREPARATION STER DISP W/O COMB DBL EDGE 50S  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY  
6510013716439 TOWELETTE BENZALKONIUM CHLORIDE IMPREG CLOTH NONWVN O/A11X11"150

**Task 086 Clean Dress Wound**

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6510000583047 BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.  
6510011126414 GAUZE PETROLATUM 3 BY 36 INCHES STEP-BACK ACCORDION WHITE 12S

**Task 087 Dressing Change**

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6505002617257 BENZOIN TINCTURE COMPOUND USP 1 PINT OR 473 MILLILITERS TOPICAL  
6510000583047 BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.  
6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
6515006878054 FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL  
6515003344300 FORCEPS HEMO ROCHESTER-PEAN 6-6.50""LG 1.875"" JAW LG QTR-CRVD CRS  
6515003379800 FORCEPS TISSUE 5" LG TWEEZER STRAIGHT AND SMOOTH JAW SQ TIP CRS  
6515003380300 FORCEPS TISSUE ALLIS DSGN 6""LG PIVOTED STRAIGHT & SMOOTH JAW CRS087  
6515011474668 FORCEPS TISSUE ALLIS 10INCH (25.4CM)  
6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP  
6515009357138 SCISSORS BANDAGE 7.25" LG ANG TO HDL 1.50"" CUT LG BLUNT PTS  
6515011132653 SHIELD EYE SURG SGL CONSTR FLESH 3""LG HORIZ AXIS 2"" VERT  
6515012538165 SHIELD EYE SURG GOFFMAN SGL CONSTRUCTION CATARACT OPERATION 50S  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4"" 8-PLY F/INJURIES OR SURGERY

**Task 098 Apply Splint/Immobilize Injury**

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6510009355822 BANDAGE ELASTIC FLESH ROLLED 4.5YDX4""WASHABLE PRESSURE 12S  
6510000583047 BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.  
6510014600849 BANDAGE KIT ELASTIC  
6510002011755 BANDAGE MUSLIN COMPRESSED OLIVE DRAB37X37X52" TRIANG W/SFTY  
6515015096866 SLING PATIENT PELVIC ADJ TO 36" 7" WIDE  
6515012254681 SPLINT UNIVERSAL 36X4.50" MALLEABLE ALUM RADIOLUCENT LTWT GRAY12

**Task 103 Circulation Check**

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6515009354088 STETHOSCOPE ADL SZ 24" LG TWO POSN VALVE BRASS/ALUM/ZINC/CRS/CS

**Task 105 Doppler Assessment**

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6505001117829 LUBRICANT SURGICAL 5 GRAM  
6135009002139 BATTERY NONRECHARGEABLE ALKALINE 9.0 VOLTS SNAP-ON RECT

**Task 121 Eye Irrigation**

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6505013308924 SODIUM CHLORIDE INJECTION USP 0.9% 100ML BAG  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY  
6515013634466 SYRINGE IRRGT ASPR IRRGT DSGN 50CC CAP W/CATH TIP & TIP COVER50S  
6530007940600 TRAY MEDICINE CRES 4X9.25/10X.5625/.6875"MIN/MAX W/O COVER

**Task 126 Seizure Care/Precautions**

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6510009355822 BANDAGE ELASTIC FLESH ROLLED 4.5YDX4"WASHABLE PRESSURE 12S  
6510000583047 BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.

**Task 145 Administer Appropriate Medications**

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6505012752568 AMPICILLIN AND SULBACTAM FOR INJECTION USP 3GM VIAL  
6505014542526 BACITRACIN ZINC OINTMENT USP 500 UNITS PER GRAM 14.2 GM 1/2 OZ  
6505012928931 CEFOTETAN DISODIUM STERILE POWDER FORM 10GM VIAL 6 VIALS/PACKAGE  
6505014926420 DEXAMETHASONE SODIUM (10MG)  
6505011040399 DROPERIDOL INJECTION USP 2.5MG/ML 2ML AMPUL 10 AMPULS/PACKAGE  
6505004321065 GENTAMICIN SULFATE OPHTHALMIC OINTMENT USP 3.5 GRAM TUBE  
6505012139514 GENTAMICIN SULFATE INJECTION USP 40MG EQUIV/ML 2ML VIAL 25/PK  
6505002688530 HALOPERIDOL INJECTION USP 5MG/ML 1ML AMPUL  
6505011028664 HEPARIN SODIUM INJECTION USP 10ML BOTTLE 25 BOTTLES PER PACKAGE  
6505014821064 KETOROLAC TROMETHAMINE INJECTION USP 30MG/ML 1ML UNIT  
6505007854357 LIDOCAINE OINTMENT USP 5% 35 GM 35 GM TUBE  
6505011080808 METHYLPREDNISOLONE SODIUM SUCCINATE FOR INJECTION USP 1000MG  
6505012683738 METOCLOPRAMIDE INJECTION USP 5MG/ML 2ML VIAL 25 PER  
6505014830274 MORPHINE SULFATE INJECTION USP 10MG/ML 1ML VIAL  
6505013714331 RANITIDINE INJECTION USP 25MG/ML 6ML VIAL  
6505005607331 SULFADIAZINE SILVER CREAM 1% TOPICAL 400GM JAR  
6505005825079 WATER FOR INJECTION STERILE USP VIAL WITH FLIP TOP 20 ML 25/PK  
6515002439695 CATHETER & NDL UNIT D12 IV 18GA X 1.25" CATH & NEEDLE  
6515013055120 DEPRESSOR TONGUE 6X.75X.0675 PARALLEL EDGES ROUNDED ENDS  
6515001179021 INTRAVENOUS INJ SET VENTED 15 DROPS PER ML 78" LG STER DISP  
6515007542834 NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER  
6515007542838 NEEDLE HYPO C13A GP 21GA 1.185-1.312" LG LUER LOCK REG STER  
6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
6515012451871 SYRINGE CARTRIDGE 3" CART LG CLEAR PLAS 2MM MED NEEDLE/CARTRIDGE  
6515011656742 SYRINGE HYPODERMIC GP 30ML CAPACITY LUER LOCK TIP STER DISP 25S  
6515013520446 SYRINGE HYPO GP 60ML CAP LUER LOCK TIP W/O NDL PLASTIC DISP 120S  
6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
6515009824205 SYRINGE & NEEDLE TUBERCULIN 1ML CAP 25GA SGL SCALE PLAS STER  
6515009824206 SYRINGE HYPO TUBERCULIN 1ML CAP LUER SLIP CONC TIP W/O NDL

**Task 149 Blood Drawing Venous**

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6515007542834 NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER  
6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY  
6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
6515009824206 SYRINGE HYPO TUBERCULIN 1ML CAP LUER SLIP CONC TIP W/O NDL  
6515011885316 TUBE DRAINAGE SURGICAL PENROSE 1X18" RUBBER RADIOPAQUE STER

**Task 197 Charting and Paperwork – Patient Specific**

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7520002815918 CLIP BOARD FILE 9X12IN COMPOSITION BOARD BACK  
7520009357136 PEN BALL-POINT POCKET MED RETRACT BLACK CARTRIDGE IS REPLACEABLE

**Task 221 Pericardiocentesis**

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6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
6515013059152 CATHETER & NDL UNIT D12 IV 14GAX1.25" LUER LOCK HUB STER DISP50S  
6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP  
6515011498842 GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP  
6510010100307 PAD POVIDONE-IODINE IMPRE STER COTTON/RAYON 2X1.375" BROWN  
8415NCM991102 PROTECTIVE EYEWEAR 10'S  
6515012348977 RAZOR SURGICAL PREPARATION STER DISP W/O COMB DBL EDGE 50S  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY  
6515013520446 SYRINGE HYPO GP 60ML CAP LUER LOCK TIP W/O NDL PLASTIC DISP 120S

**Task 242 Bladder Irrigation**

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6505013308924 SODIUM CHLORIDE INJECTION USP 0.9% 100ML BAG  
6515013648554 GLOVE PATIENT EXAM/TREAT LARGE SZ PREPWDR SNUG FITTING CUFF 100S  
6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP  
6515011498842 GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4"" 8-PLY F/INJURIES OR SURGERY  
6515011656742 SYRINGE HYPODERMIC GP 30ML CAPACITY LUER LOCK TIP STER DISP 25S  
6515013634466 SYRINGE IRRGT ASPR IRRGT DSGN 50CC CAP W/CATH TIP & TIP COVER50S  
6530007940600 TRAY MEDICINE CRES 4X9.25/10X.5625/.6875"MIN/MAX W/O COVER

**Task 344 Patient Preparation in the OR**

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8415NCM991102 PROTECTIVE EYEWEAR 10'S  
6515012348977 RAZOR SURGICAL PREPARATION STER DISP W/O COMB DBL EDGE 50S

**Task 351 OR Team Preparation**

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8415002228074 APRON PLAS DISP WHITE POLYETHYLENE BIB STYLE WAIST/NECK TIES  
6530007725935 BRUSH SURGICAL SCRUB 3.375X1.625" NYLON OR POLYPROPYLENE BLOCK  
6505010453255 DETERGENT SURGICAL 4% CHLORHEXIDINE GLUCONATE 32FL OZ  
6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP  
6515011498842 GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP  
6515013648554 GLOVE PATIENT EXAM/TREAT LARGE SZ PREPWDR SNUG FITTING CUFF 10  
6515011535988 MASK SURG ANTI-FOG NON-GLASS PLEATED LINT-FREE GREEN DISP 300S  
6508012464202 SKIN CLEANSER MEDICATED 4 FL OZ PLASTIC BT 60% ISO ALC 72 PER PG  
6532013334144 SLEEVE SURGICAL GOWN PLASTIC STERILE DISPOSABLE

**Task 354 Minor Room Cleanup**

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8105011839764 BAG PLASTIC A4 FLAT 58INX36IN HEAVYDUTY 75LB CAP DARKBROWN/GREEN  
6530013697177 DISPOSAL CONTAINER HYPO NDL & SYR PLAS HOLDS 300 NDLS CTR TOP  
6515013648554 GLOVE PATIENT EXAM/TREAT LARGE SZ PREPWDR SNUG FITTING CUFF 100S  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE

**Task 358 Tracheotomy**

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6505001117829 LUBRICANT SURGICAL 5 GRAM  
6515004588416 CATHETER & CONN SUCT TRACH E14 18FR WHISTLE TIP 2 EYES MAS  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4"" 8-PLY F/INJURIES OR SURGERY  
6515002385035 SUTURE NONABS SIZE 3-0 1.50' LG SILK UNARMED BRAIDED ORDER BY 3S  
6515014666126 SUTURE NONABS SURG BLACK STER BRAIDED 8-18 IN SZ0 CT-1 NDLE 12S  
6515014800423 SUTURE NONABSORABLE SURGICAL SILK BLACK 30""LG BRAIDED 3S  
6515014657169 TUBE RESPIRATORY GAS OMNI-FLEX DESIGN FLEX PATIENT CONNECTOR  
6515012005795 TUBE TRACHEOSTOMY SHILEY DSGN 78MM LG 10MM DIA 30FR SZ 6 PLASTIC

**Task 359 Induce Local Anesthesia**

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6505NCM000075 BUPIVICAINE 0.5% PRESERVATIVE FREE (10CC VIAL)  
6505005986117 LIDOCAINE HYDORCHLORIDE INJECTION USP 20ML VIAL  
6515007542838 NEEDLE HYPO C13A GP 21GA 1.185-1.312"" LG LUER LOCK REG STER  
6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
6515011656742 SYRINGE HYPODERMIC GP 30ML CAPACITY LUER LOCK TIP STER DISP 25S

**Task 403 Neurological Procedure**

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6510000583047 BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S  
6510010854742 CELLULOSE OXIDIZED REGENERATED 8X4" YELLOW STERILE 1 PLY  
6515003632700 SAW BONE CUTTING WIRE 20" LONG .040" DIAMETER WITHOUT HANDLE CRS  
6510007219808 SPONGE SURGICAL CELLULOSE & COTTON & GAUZE 4X4" STERILE 1200S  
6515011384742 SUTURE NONABS GI SZ 3-0 8 18"" STRANDS NDL SH UNCOATED ORDER BY2S

**Task 494 Thoracotomy**

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6505002617257 BENZOIN TINCTURE COMPOUND USP 1 PINT OR 473 MILLILITERS TOPICAL  
6515015003895 BAG AUTO'TRANSFUSER PLEUR-EVAC ATS BAG DISP U/W WET SERIES 6S  
6515009007133 CONNECTOR TUBING BRANCHED A14 Y STRAIGHT SERRATIONS 0.375" ID  
6515009269201 CONNECTOR TUBING STR A18 TAPER SERRATIONS 3.5" LG 0.188" ID  
6510011126414 GAUZE PETROLATUM 3 BY 36 INCHES STEP-BACK ACCORDION WHITE 12S  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6515002385035 SUTURE NONABS SIZE 3-0 1.50' LG SILK UNARMED BRAIDED ORDER BY 3S  
6515002867038 SUTURE NONABS CARDIO SZ 5-0 36" LG DBL ARMED BLUE PLAS STER 36S  
6515008669073 TUBE DRAINAGE SURGICAL C18 THORACIC 36FR STR 6 EYE STER DISP  
6515011621902 SUTURE NONABS SURG SGL ARM B2 3/8CIR BLACK 2-0 18" MONO STER 36S  
6515012525573 SUTURE NONABS GEN CLO SZ 2 60" LG NDL TP-1 BLUE MONO ORDER BY 1S

6515004338950 SUTURE NONABS SZ 1-0 6 2.5' STRANDS SILK BLACK STER ORDER BY 3S  
 6515014258071 SUTURE NONABSORBABLE SURG B3 1/2CIRC 26MM NDLE LG 1200MM LG 12S

**Task 530 Induce/Maintain General Anesthesia**

6505012384243 ALBUTEROL INHALATION AEROSOL 17GM CONTAINER 200 METERED SPRAYS  
 6505014745440 ATROPINE SULFATE INJ USP .4000MG PER ML 20ML 10S  
 6505014437076 EPHEDRINE SULFATE INJECTION USP 50MG/ML 1ML AMPUL  
 6505002998760 EPINEPHRINE INJECTION USP AQUEOUS 1ML AMPUL  
 6505011533042 EPINEPHRINE INJECTION USP 1MG/ML 30ML VIAL  
 6505012040681 ETOMIDATE INJECTION 2MG/ML 20ML SYRINGE-NEEDLE UNIT  
 6505010731316 FENTANYL CITRATE INJECTION USP 5ML AMPUL  
 6505014997214 GLYCOPYRROLATE INJECTION USP 5ML VIAL 25 VIALS PER PACKAGE  
 6505012811247 HETASTARCH IN SODIUM CHLORIDE INJECTION 500ML BAG  
 6505014437083 ISOFLURANE USP 100ML BOTTLE  
 6505013391909 KETAMINE HYDROCHLORIDE INJECTION USP 50MG/ML 10ML VIAL 10 VIALS/PG  
 6505001117829 LUBRICANT SURGICAL 5 GRAM  
 6505012444736 MIDAZOLAM HYDROCHLORIDE INJECTION 5MG/ML 1ML VIAL  
 6505014830274 MORPHINE SULFATE INJECTION USP 10MG/ML 1ML VIAL  
 6505000797867 NALOXONE HYDROCHLORIDE INJECTION USP 0.4MG/ML 1ML AMPUL  
 6505014977913 NEOSTIGMINE METHYLSULFATE INJ USP 1MG/ML 10ML VIAL 10/PACKAGE  
 6505002999496 NOREPINEPHRINE BITARTRATE INJECTION USP 4ML AMPUL  
 6505001049320 PHENYLEPHRINE HYDROCHLORIDE INJECTION USP 1% 1 ML  
 6505010880499 SCOPOLAMINE HYDROBROMIDE INJECTION USP 0.4MG/ML 1ML VIAL  
 6505012910333 SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG  
 6505014667167 SUCCINYLCHOLINE CHLORIDE INJ USP20MG/ML 10ML VIAL 12 PG 100  
 6505001179171 THIOPENTAL SODIUM FOR INJECTION USP 0.5GM 500ML BOTTLE  
 6505012580983 VECURONIUM BROMIDE FOR INJECTION 10 MG 10ML VIALS 10/PKG  
 6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
 6515014258071 AIRWAY PHARYNGEAL BERMAN EDESIGN LARGE ADULT 100MM PAS DISP  
 6515012331918 AIRWAY NASOPHARYNGEAL PORTEX 8MM ID 10.5MM OD KINK RES DISP  
 6515012331919 AIRWAY NASOPHARYNGEAL PORTEX DSGN PLAS 7MM ID 9.5MM OD STER  
 6515012882203 AIRWAY ORAL PLAS SZ MED ADULT O/A LG 90MM I.S. ORAL B  
 6135NCM020191 BATTERY AAA DURACELL  
 6135009002139 BATTERY NONRECHARGEABLE ALKALINE 9.0 VOLTS SNAP-ON RECT  
 6135009857845 BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE  
 6515012392494 CATHETER&NDL UNIT D12 IV 14GAX1.25" 2" NDL CLR FLASH CHAMBER200S  
 6515013059152 CATHETER & NDL UNIT D12 IV 14GAX1.25" LUER LOCK HUB STER DISP50S  
 6515014661195 CIRCUIT VENTILATOR MEDICAL VINYL DISP 6FT LG VARIOUS PORTS 15S  
 6515013682874 DETECTOR END-TIDAL CARBON DIOXIDE  
 6515014995079 DISCS ADHESIVE PRECORDIAL DOUBLE STICK 100S  
 6515013750513 FILTER HEAT & MOISTURE EXCHANGER ANES EQPT PLAS 15MM ID DISP 50S  
 6515001179021 INTRAVENOUS INJ SET VENTED 15 DROPS PER ML 78" LG STER DISP  
 7520003126124 MARKER TU TYPE FINE TIP BLACK PERMANENT NO ODOR DRIES INSTANTLY  
 8115NCM000183 MEDICATION BOX  
 6515013770436 NEEDLE HYPODERMIC 25GAX1.50" REGULAR BEVEL CRS STERILE DISP 100S  
 6515007542834 NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER  
 6515007542838 NEEDLE HYPO C13A GP 21GA 1.185-1.312" LG LUER LOCK REG STER  
 6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
 6515013283431 SAMPLE LINE CARBON DIOXIDE MONITOR PLASTIC DISPOSABLE  
 6515012714894 SENSOR OXYGEN MONITORING NON-INVAS ARTERIAL F/ADULT FINGERS 24S  
 6515010357962 STOPCOCK INTRAVENOUS THERAPY 3 WAY PLASTIC STERILE DISPOSABLE  
 6515NCM991115 STYLET, ESCHMANN (ET INTRODUCER  
 6515002998712 STYLET CATHETER-TUBE STR FLEXIBLE COPPER O/A F/6515-00-299-8687  
 6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
 6515009824206 SYRINGE HYPO TUBERCULIN 1ML CAP LUER SLIP CONC TIP W/O NDL  
 6515013575932 SYRINGE HYPO GP DSGN 5ML CAP CONCENTRIC LUER LOCK W/O NDL 400S  
 6515013429183 THERMOMETER LIQUID CRYSTAL CLINICAL 84-106 DEG F ADH BACK 100S  
 6515011885316 TUBE DRAINAGE SURGICAL PENROSE 1X18" RUBBER RADIOPAQUE STER  
 6515013538850 TUBE EXT INJ SET 42" LG ANES EXT SET W/2 NORMALLY CLO VALVES 50S  
 6515001050720 TUBE TRACHEAL MURPHY E12 6.0MM ID 8.1MM OD 28CM LG PLAS DISP  
 6515001050759 TUBE TRACHEAL MURPHY E12 W/CUFF 8.0MM ID 10.7MM DIA 32CM LG  
 6515014997307 WATERTRAP SIDESTREAM CO2 PROPAC 10S

**Task 533 Induce/Maintain Nerve Block**

6505001387347 BUPIVACAINE HYDROCHLORIDE INJECTION USP 50ML VIAL  
 6505NCM000075 BUPIVACAINE 0.5% PRESERVATIVE FREE (10CC VIAL)  
 6505012125338 BUPIVACAINE HCL IN DEXTROSE INJ STERILE USP 2ML AMPUL 10  
 6505005986117 LIDOCAINE HYDORCHLORIDE INJECTION USP 20ML VIAL

6505012444736	MIDAZOLAM HYDROCHLORIDE INJECTION 5MG/ML 1ML VIAL
6505012910333	SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG
6135NCM020191	BATTERY AAA DURACELL
6135009002139	BATTERY NONRECHARGEABLE ALKALINE 9.0 VOLTS SNAP-ON RECT
6515002439695	CATHETER & NDL UNIT D12 IV 18GA X 1.25" CATH & NEEDLE
6515013059152	CATHETER & NDL UNIT D12 IV 14GAX1.25" LUER LOCK HUB STER DISP50S
6515012392494	CATHETER&NDL UNIT D12 IV 14GAX1.25" 2" NDL CLR FLASH CHAMBER200S
6515001179021	INTRAVENOUS INJ SET VENT'ED 15 DROPS PER ML 78" LG STER DISP
6515007542834	NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER
6515007542838	NEEDLE HYPO C13A GP 21GA 1.185-1.312" LG LUER LOCK REG STER
6515013770436	NEEDLE HYPODERMIC 25GAX1.50" REGULAR BEVEL CRS STERILE DISP 100S
6515013780487	NEEDLE HYPO C20A SPINAL 25GAX3.50" SPRETT PENCIL PT TIP CRS 25S
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHI
7520003126124	MARKER TU TYPE FINE TIP BLACK PERMANENT NO ODOR DRIES INSTANTLY
6515013223063	NEEDLE HYPODERMIC C20 SPINAL 22GAX5" LUER LOCK HUB STER DISP 10S
6515012564979	NEEDLE HYPODERMIC REGIONAL BLOCK 22GA C12A GP CRS STER DISP 50S
6515012714894	SENSOR OXYGEN MONITORING NON-INVAS ARTERIAL F/ADULT FINGERS 24S
6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY PLASTIC STERILE DISPOSABLE
6515013568511	SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S
6515013575932	SYRINGE HYPO GP DSGN 5ML CAP CONCENTRIC LUER LOCK W/O NDL 400S
6515011656742	SYRINGE HYPODERMIC GP 30ML CAPACITY LUER LOCK TIP STER DISP 25S
6515009824206	SYRINGE HYPO TUBERCULIN 1ML CAP LUER SLIP CONC TIP W/O NDL
6515013429183	THERMOMETER LIQUID CRYSTAL CLINICAL 84-106 DEG F ADH BACK 100S
6515013538850	TUBE EXT INJ SET 42" LG ANES EXT SET W/2 NORMALLY CLO VALVES 50S

**Task 595 Blood Gas Estimation**

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6630014112405	ANALYZER BLOOD: (I-STAT)
6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6630014222097	SIMULATOR QUALITY CONTROL TEST CLINICAL ANALYZER

**Task 596 Electrolyte Levels (NA,K,CL,CO<sub>2</sub>)**

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6630014112405	ANALYZER BLOOD: (I-STAT)
6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6550014318279	CONTROL BLOOD CHEM1.7ML USE W/G E3+ G3+ EC4+ 6+ EG6+ EC6+ & EC8
6550014323696	CONTROL BLOOD CHEM USE W/G E3+ G3+ EC4+ 6+ EG6+ EC6+ EC8 1.7ML
6630014222097	SIMULATOR QUALITY CONTROL TEST CLINICAL ANALYZER

**Task 614 Hematocrit Level**

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6630014112405	ANALYZER BLOOD: (I-STAT)
6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6630014222097	SIMULATOR QUALITY CONTROL TEST CLINICAL ANALYZER
6550014340942	TEST PACK SODIUM POTASSIUM GLUCOSE HEMATOCRIT&HEMOGLOBIN DETER

**Task 640 Walking Blood Bank**

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6515014476868	BLOOD COLLECTING-DISPENSING BAG AND DONOR SET PLAS 4000ML
6510010100307	PAD POVIDONE-IODINE IMPRE STER COTTON/RAYON 2X1.375" BROWN

**Task 748 Assemble Material/Clean Up**

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8105011839764	BAG PLASTIC A4 FLAT 58INX36IN HEAVYDUTY 75LB CAP DARKBROWN/GREEN
6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6530013697177	DISPOSAL CONTAINER HYPO NDL & SYR PLAS HOLDS 300 NDLS CTR TOP
6515013648553	GLOVE PATIENT EXAM/TREAT MEDIUM SZ PREPWDR SNUG FITTING CUFF100S
6515013648554	GLOVE PATIENT EXAM/TREAT LARGE SZ PREPWDR SNUG FITTING CUFF 100S
6508012464202	SKIN CLEANSER MEDICATED 4 FL OZ PLASTIC BT 60% ISO ALC 72 PER PG
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY
6510014988214	SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE
6510013716439	TOWELETTE BENZALKONIUM CHLORIDE IMPREG CLOTH NONWVN O/A11X11"150

**Task 1012 Amputation**

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6510000583047	BANDAGE GAUZE 6-PLY ROLLED WHITE STERILE 4YD X 4.5IN I.S.
6.510009355822	BANDAGE ELASTIC FLESH ROLLED 4.5YDX4"WASHABLE PRESSURE 12S
6515003632700	SAW BONE CUTTING WIRE 20" LONG .040" DIAMETER WITHOUT HANDLE CRS
6515011885316	TUBE DRAINAGE SURGICAL PENROSE 1X18" RUBBER RADIOPAQUE STER
6515013110347	SUTURE ABS SURG GYN/OB SZ 2-0 SGL ARMED 36" LG PLAS ORDER BY 3S
6515014666126	SUTURE NONABS SURG BLACK STER BRAIDED 8-18 IN SZ0 CT-1 NDLE 12S

**Task Z014 Intubation**

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6505014667167 SUCCINYLCHOLINE CHLORIDE INJ USP20MG/ML 10ML VIAL 12 PG  
6505012580983 VECURONIUM BROMIDE FOR INJECTION 10 MG 10ML VIALS 10/PKG  
6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
6135009857845 BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE  
6515009134607 BLADE LARYNGOSCOPE LARGE ADULT MACINTOSH 158MM REPLACEMENT BLADE  
6515014650687 HANDLE LARYNGOSCOPE STUBBY WATERPROOF STD HOOK-ON 3 SECTIONS  
6515014650702 HANDLE LARYNGOSCOPE MEDIUM STD HOOK-ON WATERPROOF LIGHTWEIGHT  
6505001117829 LUBRICANT SURGICAL 5 GRAM  
6515007542834 NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER  
6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
6515002998712 STYLET CATHETER-TUBE STR FLEXIBLE COPPER O/A F/6515-00-299-8687  
6515NCM991115 STYLET, ESCHMANN (ET INTRODUCER)  
6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
6515001050720 TUBE TRACHEAL MURPHY E12 6.0MM ID 8.1MM OD 28CM LG PLAS DISP  
6515001050759 TUBE TRACHEAL MURPHY E12 W/CUFF 8.0MM ID 10.7MM DIA 32CM LG  
6515001050744 TUBE TRACHEAL MURPHY E12 7.0MMID 30CM LG W/15MM CONN

**Task Z027 Cardio Arrest Resuscitation**

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6505011028664 HEPARIN SODIUM INJECTION USP 10ML BOTTLE 25 BOTTLES PER PACKAGE  
6505001117829 LUBRICANT SURGICAL 5 GRAM  
6505014830274 MORPHINE SULFATE INJECTION USP 10MG/ML 1ML VIAL  
6515012331917 AIRWAY NASOPHARYNGEAL 9MM ID 12MM OD KINK RES SMOOTH RD EDGES  
6515012331918 AIRWAY NASOPHARYNGEAL PORTEX 8MM ID 10.5MM OD KINK RES DISP  
6515012331919 AIRWAY NASOPHARYNGEAL PORTEX DSGN PLAS 7MM ID 9.5MM OD STER  
6515012882203 AIRWAY ORAL PLAS SZ MED ADULT O/A LG 90MM I.S. ORAL B  
6515006878052 AIRWAY PHARYNGEAL BERMAN DSGN LARGE ADULT 100MM LG PLAS DISP  
6515015163186 ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOLID GEL  
6515007542834 NEEDLE HYPO C13A GP 18GA 1.438-1.562" LG LUER LOCK REG STER  
6510007863736 PAD ISOPROPYL ALCOHOL IMPREGNATED NONWVN COTTON/RAYON WHITE  
6515012714894 SENSOR OXYGEN MONITORING NON-INVAS ARTERIAL F/ADULT FINGERS 24S  
6515012451871 SYRINGE CARTRIDGE 3" CART LG CLEAR PLAS 2MM MED NEEDLE/CARTRIDGE  
6515013568511 SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NEEDLE PLAS STER 400S  
6515014322711 MONITOR PATIENT 206EL

**Task Z030 Electronic Monitoring of Patient Vital Signs**

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6515014322711 MONITOR PATIENT 206EL  
6515015163186 ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOLID GEL

**Task Z037 Bag Valve Mask Setup**

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6505001117829 LUBRICANT SURGICAL 5 GRAM  
6515006878052 AIRWAY PHARYNGEAL BERMAN DSGN LARGE ADULT 100MM LG PLAS DISP  
6515013337743 RESUSCITATOR-INHALATOR-ASPIRATOR PRIBLE W/ADL MASK CODE BLUE 10S  
6515012331917 AIRWAY NASOPHARYNGEAL 9MM ID 12MM OD KINK RES SMOOTH RD EDGES  
6515012331918 AIRWAY NASOPHARYNGEAL PORTEX 8MM ID 10.5MM OD KINK RES DISP  
6515012331919 AIRWAY NASOPHARYNGEAL PORTEX DSGN PLAS 7MM ID 9.5MM OD STER  
6515012882203 AIRWAY ORAL PLAS SZ MED ADULT O/A LG 90MM I.S. ORAL B  
6515013311567 ADAPTER OXYGEN NUT-NIPPLE INLET HOSE BARB FITTING LEAKPROOF 50S

**Task Z042 Insert Chest Tube**

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6505002617257 BENZOIN TINCTURE COMPOUND USP 1 PINT OR 473 MILLILITERS TOPICAL  
6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS  
6515010095295 BLADE SURG KNIFE DET NO.10 SMALL TANG U/W 3 3L 7 9 HDL CS 150S  
6510011126414 GAUZE PETROLATUM 3 BY 36 INCHES STEP-BACK ACCORDION WHITE 12S  
6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP  
6515011498842 GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP  
8415NCM9911102 PROTECTIVE EYEWEAR 10'S  
6515012348977 RAZOR SURGICAL PREPARATION STER DISP W/O COMB DBL EDGE 50S  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6515012525573 SUTURE NONABS GEN CLO SZ 2 60" LG NDL TP-1 BLUE MONO ORDER BY 1S  
6515008669073 TUBE DRAINAGE SURGICAL C18 THORACIC 36FR STR 6 EYE STER DISP  
6515009269150 VALVE SURG DRAIN HEIMLICH 4.5" LG 1" DIAM FLUTTER RBBR STER  
6515004495779 FORCEPS HEMO STR COARCTATION 8.75" O/A LG 1.969" JAW LG CRS  
6515011402299 FORCEPS HEMOSTATIC SAROT DESIGN 9.50" LG 3" JAW LG SERR CURVED  
6515006878054 FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL  
6515003377800 FORCEPS TISSUE ADSON 4.50" LG TWEEZER STRAIGHT & SMOOTH JAW CRS  
6515003447800 HANDLE SURGICAL KNIFE DETACHABLE BLADE SIZE 3 NARROW NOSE  
6515002998737 HOLDER SUTURE NEEDLE HEGAR-MAYO 7" LG SERRATED TUNGSTEN CARB JAW

6515003640520 SCISSORS GEN SURG MAYO CRVD BLADE 6.50-7" LG BLADE POINTS BLUNT

**Task Z045 Change Drainage Bottles**

6515015003895 BAG AUTO'TRANSFUSER PLEUR-EVAC ATS BAG DISP U/W WET SERIES 6S

**Task Z083 Expose Patient for Examination**

6515009357138 SCISSORS BANDAGE 7.25" LG ANG TO HDL 1.50" CUT LG BLUNT PTS CR

**Task Z094 Extremity Traction, Application/Adjust**

6530013332056 TRACTION APPARATUS FRACTURE NONSTER REUSABLE PORTABLE RESTRAINT

**Task Z106 Arterial pH**

6630014112405 ANALYZER BLOOD: (I-STAT)

6515014776093 CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP

**Task Z107 Base Deficit**

6630014112405 ANALYZER BLOOD: (I-STAT)

6515014776093 CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP

**Task Z108 Facility Site Setup**

6135009857846 BATTERY NONRECHARGEABLE ALKALINE 1.5 VOLT C CELL

6515014979282 BULB KRYPTON 4 CELL LAMP LONG BURN U/W 6515014553402

4610014983885 CARTRIDGE REPLACEMENT LL BEAN PUR HIKER WATER FILTER SYS

7930014368012 DETERGENT GENERAL PURPOSE .5 OZ PG

7690009354118 LABEL PAPER PSA A2 RECTANGULAR 1.5IN L X 2.5IN W

6260011785559 LIGHT CHEMILUMINESCENT

4020011263805 ROPE FIBROUS NYLON 0.25" CIRCUMFERENCE 200' SPOOL

7510002051438 RUBBER BAND 1-4LB NO.19

5975009846582 STRAP,TIEDOWN,ELECT

6850009857166 WATER PURIFICATION TABLET IODINE 8 MG D-DAY ITEM FOR DOD 50S

6530015180161 BACKPACK MEDICAL ERGONOMIC DETACHABLE FRAME F/EASIER USE &TRANSP

6545013958558 BAG MEDICAL INSTRUMENT AND SUPPLY SET SURGICAL INSTRUMENTS

8465015107653 BAG DUFFEL SHOULDER STRAP EXTRA LARGE 32X18X18IN BLACK

8105008377757 BAG PLASTIC A4 FLAT 12IN X 12IN HEAT SEAL CLEAR

7240015007552 CAN GASOLINE MILITARY STEEL 6IN DIA 1IN FILL OPENING 32OZ

6230015179944 FLASHLIGHT

7240004049753 FUNNEL

6115NCM990822 GENERATOR, HONDA, PORTABLE 1.5KW

8415002687870 GLOVES LEATHER: MENS WORK CREAM COLOR STRAP CLOSURE GAUNTLET CUF

6640NCM010210 HIKER WATER MICROFILTER

7230002523394 HOOK SHOWER CURTAIN SUSPENSION BRASS FOR 1IN MAX SZ CURTAIN ROD

6630014878851 KIT PC DOWNLOAD (1)IR LINK PWR ADAPT (1) 5'CABLE 2KEYBRD ADAPTER

5110013946251 KNIFE POCKET W/LEATHER SHEATH

6530014584619 PACK FANNY 13-1/2X 7 X 4 IN QUICK ACCESS POCKETS

8105NCM991105 PADDED CELLS, 14X5X4 BLACK

8315007877000 PIN SAFETY BRASS NICKEL 2" LG SZ 3

5140003294306 POUCH MECHANICS TO DRY GOODS OT PILE FAB

8340015171895 TARPULIN

8415014228753 VEST MEDICAL TRAUMA BLACK NYLON MESH ONE SZ W/COMPARTMENTS

**Task Z177 Diagnostic Peritoneal Lavage**

6505012910333 SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG

6510009268883 ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS

6515010095295 BLADE SURG KNIFE DET NO.10 SMALL TANG U/W 3 3L 7 9 HDL CS 150S

6515011498841 GLOVES SURGEONS GEN SURG SZ 7.5 PREPOWDERED STER DISP

6515011498842 GLOVES SURGEONS GEN SURG SZ 8 PREPOWDERED STERILE DISP

6515001179021 IN'TRAVENOUS INJ SET VENTED 15 DROPS PER ML 78" LG STER DISP

8415NCM991102 PROTECTIVE EYEWEAR 10'S

6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY

6515011690291 FORCEPS HEMO CLASSIC DELICATE RIGHT ANGLE CRS CURVED LEFT 5.25"L

6515006878054 FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL

6515011402299 FORCEPS HEMOSTATIC SAROT DESIGN 9.50" LG 3" JAW LG SERR CURVED

6515004495779 FORCEPS HEMO STR COARCTATION 8.75" O/A LG 1.969" JAW LG CRS

6515003377800 FORCEPS TISSUE ADSON 4.50" LG TWEEZER STRAIGHT & SMOOTH JAW CRS

6515003447800 HANDLE SURGICAL KNIFE DETACHABLE BLADE SIZE 3 NARROW NOSE

6515002998737 HOLDER SUTURE NEEDLE HEGAR-MAYO 7" LG SERRATED TUNGSTEN CARB JAW

6515003640520 SCISSORS GEN SURG MAYO CRVD BLADE 6.50-7" LG BLADE POINTS BLUNT



**Task Z378 Vascular Shunt/Temp Ligate/Debride/Irrigate**

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6505011028664 HEPARIN SODIUM INJECTION USP 10ML BOTTLE 25 BOTTLES PER PACKAGE  
6515011151726 CATHETER ARTERIAL EMBOLCTOMY FOGARTY 3FR 80CM LG PLAS STER DISP  
6515011651137 CATHETER SHUNT ANEURYSM GOTT 35.50" LG 19MM OD HEPARIN COATED  
6510010854742 CELLULOSE OXIDIZED REGENERATED 8X4" YELLOW STERILE 1 PLY  
6515014660286 GRAFT CARDIOVASCULAR 4X4 PTFE FELT MATERIAL  
6515013548654 LOOP VASCULAR SURG 37CMX1.5MM BLUE SILICONE RUBBER OVAL SHAPE10S  
6515014687929 SHUNT VASCULAR LGE 5MM LG3.5 MM O/A WIDTH W/NONREINFORCE SEGMENT  
6515012254681 SPLINT UNIVERSAL 36X4.50" MALLEABLE ALUM RADIOLUCENT LTWT GRAY12  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6515002385035 SUTURE NONABS SIZE 3-0 1.50' LG SILK UNARMED BRAIDED ORDER BY 3S  
6515002867038 SUTURE NONABS CARDIO SZ 5-0 36" LG DBL ARMED BLUE PLAS STER 36S  
6515014666126 SUTURE NONABS SURG BLACK STER BRAIDED 8-18 IN SZ0 CT-1 NDLE 12S  
6515014667153 TUBE VASCULAR GRAFT PLAS STER DISP 8MM 30CM RING 70CM O/A LG  
6515014631464 FIXATION EXTERNAL ORTHOPEDIC STER HOFFMAN II STYLE

**Task ZZ03 Needle Thoracostomy**

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6515012392494 CATHETER&NDL UNIT D12 IV 14GAX1.25" 2"" NDL CLR FLASH CHAMBER200S  
6510010100307 PAD POVIDONE-IODINE IMPRE STER COTTON/RAYON 2X1.375" BROWN  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY  
6515013520446 SYRINGE HYPO GP 60ML CAP LUER LOCK TIP W/O NDL PLASTIC DISP 120S  
6515011885316 TUBE DRAINAGE SURGICAL PENROSE 1X18"" RUBBER RADIOPAQUE STER

**Task ZZ27 Treatment Area Setup**

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6150004856149 CABLE ASSEMBLY POWER ELECTRICAL 2 CONDUCTOR 14 AWG 25'  
6515014553888 HEADLAMP MEDICAL-SU  
6540014553885 LENS MEDICAL-SURGICAL HEADLAMP RED NIGHT VISION E.I.6515014553888  
5640001032254 TAPE DUCT PLAS COATED CLOTH VAPOR PROOF ALUM OR SILVER 2" X 60YD  
6530006600034 SUPPORT LITTER FOLDING LIGHTWIEGHT 31.5 INCHES HIGH

**Task ZZ32 Abbreviated Laparotomy**

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6505002617257 BENZOIN TINCTURE COMPOUND USP 1 PINT OR 473 MILLILITERS TOPICAL  
6515010988356 CATHETER URETHRAL FOLEY 18FR ADULT SZ 5CC ROUND TIP I.S. 12S  
6510010854742 CELLULOSE OXIDIZED REGENERATED 8X4" YELLOW STERILE 1 PLY  
6530015179961 DRAPE SURGICAL PLAS 23X17IN W/ANTIMICROBIAL FILM  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6515014621239 STAPLER AND CUTTER UNIT SURGICAL STER TCT75 LINEAR CUTTER 75MM  
6515013810143 STAPLE UNIT SURG 75MM RELOADING SAFE LOCK-OUT CART BLUE DISP 12S  
6515013918164 SUTURE ABS SURG GUT 0-0 SGL ARMED 27"LG STER UROLOG ORDER BY 2S  
6515013110347 SUTURE ABS SURG GYN/OB SZ 2-0 SGL ARMED 36" LG PLAS ORDER BY 3S  
6515002385035 SUTURE NONABS SIZE 3-0 1.50' LG SILK UNARMED BRAIDED ORDER BY 3S  
6515002867038 SUTURE NONABS CARDIO SZ 5-0 36" LG DBL ARMED BLUE PLAS STER 36S  
6515011621902 SUTURE NONABS SURG SGL ARM B2 3/8CIR BLACK 2-0 18" MONO STER 36S  
6515004338950 SUTURE NONABS SZ 1-0 6 2.5' STRANDS SILK BLACK STER ORDER BY 3S  
6515013549055 TUBE SUCT SURG SALEM D7 SUMP DRAIN 18FR ANTI REFLUX VALVE

**Task ZZ34 Perform Ultrasound Assessment**

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6525014983603 BATTERY RECHARGEABLE ULTRASOUND UW LITHIUM BATTERIES 3AMP 11.1AC  
6515011707502 TRANSMISSION GEL ULTRASONIC PROBE LACTOR-SONIC 8 OZ  
6525014993681 PACK CARRYING ULTRASOUND PROTECTIVE CUSTOM PADDING  
6515NCM010513 SONOSTITE 180 PLUS  
6515015023734 TRANSDUCER ULTRASOUND MICROCURVED 11MM BROADBAND INTERCAVITY ARR  
6515NCM010514 TRANSDUCER C15/4-2

**Task ZZ35 Issue Basic Operating Room Equipment**

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6150004856149 CABLE ASSEMBLY POWER ELECTRICAL 2 CONDUCTOR 14 AWG 25'  
6515014979555 ELECTROSURG APPARATUS MOBILE  
6515011701179 FORCEPS INTESTINAL MEEKER DSGN 11"LG CRVD RIGHT ANG BOX LOCK CR  
7520002462664 FRAME FILE DRAWER  
6515014553888 HEADLAMP MEDICAL-SU  
6540014553885 LENS MEDICAL-SURGICAL HEADLAMP RED NIGHT VISION E.I.6515014553888  
6530014521651 LITTER EVACUATION TALON II PORTABLE COMPACT LIGHTWIEGHT  
6515009357138 SCISSORS BANDAGE 7.25" LG ANG TO HDL 1.50"" CUT LG BLUNT PTS CRS  
4510015148443 SINK COLLAPSIBLE 12" X 18" 6 GAL CAP  
6515014350050 SUCTION APPARATUS SURG PROGRAMMABLE BATTERY 11-30V OR AC PRTBLE

**Task ZZ36 Issue Basic Major Instrument Set**

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6515006903194 CLAMP ARTERY DEBAKEY CURVED AND SERRATED 85MM JAW LG 10"O/A LG  
6515008901682 CLAMP ARTERY GLOVER 6.5CM LG CURVED SERRATED 27MM JAW LG  
6515006878054 FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL  
6515003349500 FORCEPS HEMO PEAN DESIGN SLIGHTLY CURVED JAW 9"O/A LG CRS  
6515011434646 FORCEPS HEMOSTATIC RIGHT-ANGLED KANTROWITZ 9.5INCH (24.1CM)LONG  
6515003344300 FORCEPS HEMO ROCHESTER-PEAN 6-6.50"LG 1.875" JAW LG QTR-CRVD CRS 10  
6515003382900 FORCEPS HEMO SCHMIDT DSGN 7.25" LG CRVD SERR JAW TONSIL TYPE CRS  
6515003352900 FORCEPS INTESTINAL BABCOCK DESIGN 7.750" O/A LG STR BOX LOCK CRS  
6515011474668 FORCEPS TISSUE ALLIS 10INCH (25.4CM)  
6515003380300 FORCEPS TISSUE ALLIS DSGN 6"LG PIVOTED STRAIGHT & SMOOTH JAW CRS  
6515011398941 FORCEPS TISSUE 12" LG CLASSIC DEBAKEY DESIGN CRS  
6515006903208 FORCEPS TISSUE DEBAKEY 7.75" LG TWEEZER STR & SERRATED JAW CRS  
6515011690292 FORCEPS TISSUE BONNEY CORROSION RESISTING STEEL 6 3/4IN LONG  
6515013748901 FORCEPS THORACIC KANTROWITZ DSGN 10.50" LG R ANG/SERR RIGID CRS  
6515014667585 FORCEPS THORACIC LEJEUNE CRS 9.250IN  
6515003447800 HANDLE SURGICAL KNIFE DETACHABLE BLADE SIZE 3 NARROW NOSE  
6515011417469 HANDLE SURG KNIFE DETACHABLE BLADE SZ 3L U/W NO. 10 11 12 15 CRS  
6515006903200 HOLDER SUTURE NEEDLE DEBAKEY 9" LG SERRATED TUNGSTEN CARB JAWS  
6515002998737 HOLDER SUTURE NEEDLE HEGAR-MAYO 7" LG SERRATED TUNGSTEN CARB JAW  
6515010457158 KNIFE STERNUM LEBSCHER DSGN 10" LG PASSIVATED NONGLARE FINISH CRS  
6515012338850 MALLET BONE SURG CRS 1 LB 7 TO 10-1/2" LG 1-1/4" HEAD DIAMETER  
6515012396967 RETRACTOR ABDOMINAL RICHARDSON-EASTMAN DLB ENDED SMALL 10"LG  
6515015096802 RETRACTOR ABDOMINAL BALFORD ADULT SS  
6515009269193 RETRACTOR MASTOID WEITLANER 6.5" HOOK UNIT TYPE 3 VS 4 PRONGS  
6515011398295 RETRACTOR MASTOID WULLSTEIN PEDIATRIC 4" LG TWEEZER TYPE CRS  
6515003617250 RETRACTOR RIB FINOCCHIETO DESIGN CRS FENESTRATED BLADE MEDIUM  
6515003603850 RETRACTOR SET ABDOMINAL RICHARDSON-EASTMAN CRS DOUBLE END TYPE2S  
6515014587927 RETRACTOR GENERAL OPERATING STRIAIGHT13IN O/A LG1.5IN W HANDHELD  
6515014667614 RETRACTOR RIBBON CRS 13IN X 4IN OCHSNER DESIGN  
6515014696195 RETRACTOR RIBBON STEEL O/A13IN BLADE LG .750IN W  
6515003640520 SCISSORS GEN SURG MAYO CRVD BLADE 6.50-7" LG BLADE POINTS BLUNT  
6515010895668 SCISSORS GEN SURG METZENBAUM DELICATE DISSECTING 11" LG CRVD  
6515011151730 SCISSORS GEN SURGERY METZENBAUM DISSECTING 9" LG CRVD BLADE CRS  
6515011398988 SCISSORS THORACIC SLIGHTLY CRVD NELSON DSGN 11"LG PASSIVATED CRS

**Task ZZ37 Issue OR Extremity Instrument Set**

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6515011350845 CLAMP ARTERY GLOVER DESIGN CURVED JAW 8.25" LG 2.188" JAW LG CRS  
6515008901682 CLAMP ARTERY GLOVER 6.5CM LG CURVED SERRATED 27MM JAW LG  
6515003225600 CURETTE MASTOID SPRATT SIZE 3 SPOON SHAPE BLADE SOLID RIGID CRS  
6515003225700 CURETTE MASTOID SPRATT SIZE 5 SPOON SHAPE BLADE SOLID RIGID CR  
6515011398996 ELEVATOR PERIOSTEAL 0.500" BLADE W KEY STYLE 7.50" O/A LG CRS  
6515006878054 FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL  
6515003344300 FORCEPS HEMO ROCHESTER-PEAN 6-6.50"LG 1.875" JAW LG QTR-CRVD CRS  
6515003382900 FORCEPS HEMO SCHMIDT DSGN 7.25" LG CRVD SERR JAW TONSIL TYPE CRS  
6515003377800 FORCEPS TISSUE ADSON 4.50" LG TWEEZER STRAIGHT & SMOOTH JAW CRS  
6515011474668 FORCEPS TISSUE ALLIS 10INCH (25.4CM)  
6515003380300 FORCEPS TISSUE ALLIS DSGN 6"LG PIVOTED STRAIGHT & SMOOTH JAW CRS  
6515006903208 FORCEPS TISSUE DEBAKEY 7.75" LG TWEEZER STR & SERRATED JAW CRS  
6515003632400 HANDLE BONE CUTTING WIRE SAW RECTANGULAR WITH ROUNDED ENDS CRS  
6515003447800 HANDLE SURGICAL KNIFE DETACHABLE BLADE SIZE 3 NARROW NOSE  
6515002998737 HOLDER SUTURE NEEDLE HEGAR-MAYO 7" LG SERRATED TUNGSTEN CARB JAW  
6515011399048 PLIERS WIRE SUTURE CUTTING 6.75" LG SERRATED JAWS SURGICAL CRS  
6515012396967 RETRACTOR ABDOMINAL RICHARDSON-EASTMAN DLB ENDED SMALL 10"LG  
6515009269193 RETRACTOR MASTOID WEITLANER 6.5" HOOK UNIT TYPE 3 VS 4 PRONGS  
6515011398295 RETRACTOR MASTOID WULLSTEIN PEDIATRIC 4" LG TWEEZER TYPE CRS  
6515014696195 RETRACTOR RIBBON STEEL O/A13IN BLADE LG .750IN W  
6515003640520 SCISSORS GEN SURG MAYO CRVD BLADE 6.50-7" LG BLADE POINTS BLUNT  
6515012399806 SCISSORS TENOTOMY POTT'S DESIGN 7" LG CRVD BLADE STEEL STD POINT  
6515003657100 SCISSORS TONSIL METZENBAUM 7" O/A LG CRVD BLADE BLUNT POINTS CRS

**Task ZZ38 Issue Neurological Instrument Set**

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6515005152113 BRACE BIT BONE HUDSON 9.75" LG SNAP-LOCK PASSIVATED  
6515003124125 BURR CRANIAL HUDSON 14MM DIA 3.812" LG 6 FLUTE TRUNCATED CONE  
6515014806537 BURR CRANIAL HUDSON 4"O/A LG .875"O/A DIA  
6515003276600 ELEVATOR NASAL FREER DESIGN 7.50X0.188" DOUBLE-ENDED CURVED CRS  
6515011398996 ELEVATOR PERIOSTEAL 0.500" BLADE W KEY STYLE 7.50" O/A LG CRS  
6515003124260 EXTENSION BONE BIT BRACE 4.125"O/A LG CRANIAL HUDSON CRS

6515014631464	FIXATION EXTERNAL ORTHOPEDIC STER HOFFMAN II STYLE
6515006878054	FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY CURVED JAW STR HDL
6515003380300	FORCEPS TISSUE ALLIS DSGN 6"LG PIVOTED STRAIGHT & SMOOTH JAW CRS
6515011690292	FORCEPS TISSUE BONNEY CORROSION RESISTING STEEL 6 3/4IN LONG
6515003379800	FORCEPS TISSUE 5" LG TWEEZER STRAIGHT AND SMOOTH JAW SQ TIP CRS
6515003632400	HANDLE BONE CUTTING WIRE SAW RECTANGULAR WITH ROUNDED ENDS CRS
6515003447800	HANDLE SURGICAL KNIFE DETACHABLE BLADE SIZE 3 NARROW NOSE
6515011417469	HANDLE SURG KNIFE DETACHABLE BLADE SZ 3L U/W NO. 10 11 12 15 CRS
6515006903200	HOLDER SUTURE NEEDLE DEBAKEY 9" LG SERRATED TUNGSTEN CARB JAWS
6515002998737	HOLDER SUTURE NEEDLE HEGAR-MAYO 7" LG SERRATED TUNGSTEN CARB JAW
6515009269193	RETRACTOR MASTOID WEITLANER 6.5" HOOK UNIT TYPE 3 VS 4 PRONGS
6515014696195	RETRACTOR RIBBON STEEL O/A13IN BLADE LG .750IN W
6515014667721	RONGEUR CRS KLEIN-KUTZ DESIGN STRONG CURVE 5-1/4IN 3MM X 9MM
6515003640520	SCISSORS GEN SURG MAYO CRVD BLADE 6.50-7" LG BLADE POINTS BLUNT
6515003657100	SCISSORS TONSIL METZENBAUM 7" O/A LG CRVD BLADE BLUNT POINTS CRS

**Task ZZ39 Issue General Anesthesia Set**

6135009002139	BATTERY NONRECHARGEABLE ALKALINE 9.0 VOLTS SNAP-ON RECT
6515011256615	BLADE LARYNGOSCOPE ADULT SIZE MILLER NO. 3 194MM LG 2.7V LAMP
6515009134607	BLADE LARYNGOSCOPE LARGE ADULT MACINTOSH 158MM REPLACEMENT BLADE
6515009558865	BLADE LARYNGOSCOPE MED ADULT MACINTOSH 130MM LG REPLACEMENT
6515011249806	BLADE LARYNGOSCOPE MILLER MEDIUM ADULT SIZE 2 151MM
6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6515014661195	CIRCUIT VENTILATOR MEDICAL VINYL DISP 6FT LG VARIOUS PORTS 15S
6515015163186	ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOLID GEL
6515003323300	FORCEPS TRACHEAL TUBE MAGILL FENESTRATED & SERR ADL W/O LIGHT
6515014650702	HANDLE LARYNGOSCOPE MEDIUM STD HOOK-ON WATERPROOF LIGHTWEIGHT
6515014650687	HANDLE LARYNGOSCOPE STUBBY WATERPROOF STD HOOK-ON 3 SECTIONS
6515012808163	INFUSOR PRESSURE BLOOD INTRAVENOUS BAG 14X6" 1000ML COLOR CODED
6515014196393	MASK AIRWAY LARYNGEAL REUSABLE SILICONE SIZE 4 19CM
6515014409394	MONITOR OXYGEN PORTABLE POWERED BY 9V AC BATTERY
6515014322711	MONITOR PATIENT 206EL
6515014527697	OXIMETER PULSE 110/220VAC 50/60HZ CERTIFIED F/FIXED WING ONLY
6515013337743	RESUSCITATOR-INHALATOR-ASPIRATOR PRTBLE W/ADL MASK CODE BLUE 10S
6515013975212	STIMULATOR PERIPHERAL NERVE BLOCKADE MONITOR PTBL BATTERY POWER
6515012451871	SYRINGE CARTRIDGE 3" CART LG CLEAR PLAS 2MM MED NEEDLE/CARTRIDGE
4820014442466	VALVE CHECK END ITEM NSN 6515-01-355-6479
6515013883857	VALVE POSITIVE END EXPIRATORY PRESS VENTILATOR STD SZ THD ADJ10S
6515013556479	VAPORIZER ANESTHESIA DRAWOVER
6530014551653	VENTILATOR VOLUME PTBL 8.870X11.5IN UNI-VENT 120/220V AC

**Task ZZ40 Issue Regional Block Anesthesia Equipment**

6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLACK 50 LBS LOAD CAP
6515015163186	ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOLID GEL
6515011767576	HANDLE SUCTION SURG RIGID SHATTERPROOF SUCT TIP SGL USE DISP
6515013975212	STIMULATOR PERIPHERAL NERVE BLOCKADE MONITOR PTBL BATTERY POWER
6515014322711	MONITOR PATIENT 206EL

**Task ZZ41 Issue Operating Room Basic Consumable Setup**

6505012910333	SODIUM CHLORIDE INJECTION USP 500 ML PLASTIC BAG
6510009268883	ADHESIVE TAPE SURGICAL POROUS WOVEN 2 IN X 10 YDS
6135009857845	BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE
6515010095295	BLADE SURG KNIFE DET NO.10 SMALL TANG U/W 3 3L 7 9 HDL CS 150S
6515010882616	BLADE ELECTRODE ELECTROSURG 1" LG 3/32" DIA CRS PLAS SHANK 150S
7210009356666	BLANKET CASUALTY PLASTIC FILM ALUM COATED 96X56INCHES GREEN
6515015003064	CANISTER ASSEM SUCTION SURG COLLECTION 800ML DISP 10S
6515012219399	ELECTRODE COAGULATION PENCIL 1"BLADE ACCEPTS 2.4MM SHAFT ELEC50S
6515011588493	ELECTRODE GROUNDING ELECTROSURG 7.250X4.500" ADULT DISP I.P.50S
6515013758519	IMPLANT MESH SURGICAL 12X12" POLYESTER PLASTIC AUTOCLAVABLE 3S
6515013297541	KNIFE GENERAL SURGICAL SIZE 10 CRS STRAIGHT HANDLE STER DISP 10S
6515014829080	PLEDGETS CARDIOVASC
6515014811326	SHEET SURGICAL 60"LG 70"W SOFT PLASTIC SLIT 4"X21"
6510007822698	SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY
6515012569688	SYRINGE ASPIRATING NEWBORN INFANT BULB TYPE 3OZ DISP 50S
6515013634466	SYRINGE IRRGT ASPR IRRGT DSGN 50CC CAP W/CATH TIP & TIP COVER50S
6515013849023	TUBE DRAINAGE SURG PENROSE E3 12" LG 0.625" DIA 0.011" THK 200S

**Task ZZ42 Patient Core Warming**

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7210009356666 BLANKET CASUALTY PLASTIC FILM ALUM COATED 96X56INCHES GREEN

**Task ZZ51 Clean and Prepare Instruments**

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6530007710225 BASIN WASH CORROSION RESISTING STEEL 9 QUART  
6505010564031 DETERGENT SURGICAL MEDICATED 4OZ PLASTIC SQUEEZE BOTTLE  
6510014988214 SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE SHAPE  
6510007822698 SPONGE SURG GAUZE ABS WHITE 4X4" 8-PLY F/INJURIES OR SURGERY

**Task ZZ58 Pressure Infuse IV Fluids/Blood Products**

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6515014661490 BATTERY PK LITHIU SGL USE5BATTERIES P/PACK E.I.6515-01-466-1478  
6515014661488 CARTRIDGE PUMP STER DIS CRYSTALLOID&COLLOID W/6515-01-466-1478  
6515012808163 INFUSOR PRESSURE BLOOD INTRAVENOUS BAG 14X6" 1000ML COLOR CODED  
6515014661481 POWER ADAPTER120VAC12VDC WALL MOUNT REUSABL E.I.6515-01-466-1478  
6515014854362 PUMP INTRAVENOUS INFUSION 5"LG 4"W 2.2"HT POWER MINI RAPI

## APPENDIX D

### MFST COMPARISON WEIGHT, CUBE, AND COST

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6630014112405	ANALYZER CLINICAL CHEMISTRY I-STAT	1	EA	1	EA	1	EA	10.000	0.250	5742.56	10.000	0.250	\$5,742.56
Same	6530015180161	BACKPACK MEDICAL ERGONOMIC DETACHABLE FRAME F	5	EA	5	EA	5	EA	4.2	1.5	958	21.000	7.500	\$4,790.00
Same	8465NCM000118	BAFFLED RESERVOIR	5	EA	5	EA	5	EA	0.15	0.1	73	0.750	0.500	\$365.00
Same	8465015107653	BAG DUFFEL SHOULDER STRAP EXTRA LARGE 32X18X1	3	EA	3	EA	3	EA	4.25	1.15	105.55	12.750	3.450	\$316.65
Same	6545013958558	BAG MEDICAL INSTR & SUPPLY SET SURG INSTR	3	EA	3	EA	3	EA	1.3	0.021	240	3.900	0.063	\$720.00
Same	6530007710225	BASIN WASH 14.6" TOP OD 4.8" HIGH STEEL	2	EA	2	EA	2	EA	2.84	0.206	37.95	5.680	0.412	\$75.90
Same	6525014983603	BATTERY LITHIUM RECHARGEABLE ULTRASOUND	1	EA	1	EA	1	EA	0.25	0.17	331	0.250	0.170	\$331.00
Same	6515011256615	BLADE LARYNGOSCOPE ADULT SIZE MILLER NO. 3 19	2	EA	2	EA	2	EA	0.01	0.001	33.04	0.020	0.002	\$66.08
Same	6515009134607	BLADE LARYNGOSCOPE LARGE ADULT MACINTOSH 158M	2	EA	2	EA	2	EA	0.35	0.018	38.72	0.700	0.036	\$77.44
Same	6515009558865	BLADE LARYNGOSCOPE MED ADULT MACINTOSH 130MM	2	EA	2	EA	2	EA	0.2	0.006	25.11	0.400	0.012	\$50.22
Same	6515011249806	BLADE LARYNGOSCOPE MILLER MEDIUM ADULT SIZE 2	2	EA	2	EA	2	EA	0.01	0.001	53.36	0.020	0.002	\$106.72
Same	6515005152113	BRACE BIT BONE HUDSON 9.75" LG SNAP-LOCK	1	EA	1	EA	1	EA	1.5	0.046	194.3	1.500	0.046	\$194.30
Same	6530007725935	BRUSH SURGICAL SCRUB 4x2IN" NYLON BLOCK	2	EA	2	EA	2	EA	0.13	0.01	2	0.260	0.020	\$4.00
Same	6515003124125	BUR CRANIAL HUDSON 14MM DIA 3.8IN 6 FLUTE	1	EA	1	EA	1	EA	0.24	0.01	27.46	0.240	0.010	\$27.46
Same	6515014806537	BURR CRANIAL HUDSON 4"O/A LG .875"O/A DIA	1	EA	1	EA	1	EA	0.1	0.1	205	0.100	0.100	\$205.00
Same	6150004856149	CABLE ASSEMBLY POWER ELECTRICAL 2 CONDUCTOR 1	1	EA	1	EA	1	EA	4.5	0.166	18.53	4.500	0.166	\$18.53
Same	7240015007552	CAN GASOLINE MILITARY STEEL 6IN DIA 1IN FILL	1	EA	1	EA	1	EA	1.15	0.15	39	1.150	0.150	\$39.00
Same	6515014788708	CARRYING CASE PULSE OXIMETER BLACK CANVAS F/6	1	EA	1	EA	1	EA	3.25	0.25	43.45	3.250	0.250	\$43.45
Same	6525014993681	CASE CARRYING ULTRASOUND PROTECTIVE SONOSITE	1	EA	1	EA	1	EA	4.5	1.3	112.91	4.500	1.300	\$112.91
Same	6515014776093	CASE NARCOTICS 10.75"O/A LG 9.75"W 5.0"H BLAC	2	EA	2	EA	2	EA	0.8	0.69	28.52	1.600	1.380	\$57.04

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6515006903194	CLAMP ARTERY DEBAKEY CURVED AND SERRATED 85MM	2	EA	2	EA	2	EA	0.72	0.142	145.35	1.440	0.284	\$290.70
Same	6515008901682	CLAMP ARTERY GLOVER BULLDOG 6.5CM LG CURV	4	EA	4	EA	4	EA	0.06	0.007	39.09	0.240	0.028	\$156.36
Same	6515011350845	CLAMP ARTERY GLOVER DESIGN CURVED JAW 8.25" L	2	EA	2	EA	2	EA	0.01	0.001	196.07	0.020	0.002	\$392.14
Same	7520002815918	CLIP BOARD FILE 9x12IN	2	EA	2	EA	2	EA	0.01	0.01	1.46	0.020	0.020	\$2.92
Same	6515003225600	CURETTE MASTOID SPRATT SIZE 3 SPOON SHAPE BLA	1	EA	1	EA	1	EA	0.19	0.011	34.27	0.190	0.011	\$34.27
Same	6515003225700	CURETTE MASTOID SPRATT SIZE 5 SPOON SHAPE BLA	1	EA	1	EA	1	EA	0.19	0.006	38.89	0.190	0.006	\$38.89
Same	6515014979555	ELECTROSURG APPARATUS MOBILE	1	EA	1	EA	1	EA	15	2.8	2500	15.000	2.800	\$2,500.00
Same	6515003276600	ELEVATOR NASAL FREER DESIGN 7.50IN	1	EA	1	EA	1	EA	0.09	0.003	11.84	0.090	0.003	\$11.84
Same	6515011398996	ELEVATOR PERIOSTEAL 0.500" BLADE W KEY STYLE	2	EA	2	EA	2	EA	0.375	0.0185	30.79	0.750	0.037	\$61.58
Same	6515003124260	EXTENSION BONE BIT BRACE 4.125"O/A LG CRANIAL	1	EA	1	EA	1	EA	0.19	0.009	23.78	0.190	0.009	\$23.78
Decrease	6515014631464	FIXATION EXTERNAL FORWARD DEPLOYED FIELD PACK	10	EA	5	EA	5	EA	0.55	0.18	1702	2.750	0.900	\$8,510.00
Same	6230015179944	FLASHLIGHT	4	EA	4	EA	4	EA	2.75	0.22	2.1	11.000	0.880	\$8.40
Same	6515006878054	FORCEPS HEMO 5.5"O/A LG CRILE DESIGN SLIGHTLY	11	EA	11	EA	11	EA	0.15	0.007	13.77	1.650	0.077	\$151.47
Same	6515011690291	FORCEPS HEMO CLASSIC DELICATE RT ANGLE CRS CURVED LEFT 5.25"L	9	EA	9	EA	9	EA	0.16	0.012	69.56	1.440	0.108	626.040
Same	6515003349500	FORCEPS HEMO PEAN 9IN SLIGHTLY CURVED	9	EA	9	EA	9	EA	0.35	0.35	12.88	3.150	3.150	\$115.92
Same	6515003344300	FORCEPS HEMO ROCHESTER-PEAN 6IN LG QTR CURVE	12	EA	12	EA	12	EA	0.21	0.01	13.99	2.520	0.120	\$167.88
Same	6515003382900	FORCEPS HEMO SCHMIDT 7.25IN LG CRVD SERR JAW	4	EA	4	EA	4	EA	0.19	0.19	23.99	0.760	0.760	\$95.96
Same	6515004495779	FORCEPS HEMO STR COARCTATION 8.75" O/A LG 1.9	2	EA	2	EA	2	EA	0.34	0.023	92.64	0.680	0.046	\$185.28
Same	6515011434646	FORCEPS HEMOSTATIC RIGHT-ANGLED KANTROWITZ 9.	2	EA	2	EA	2	EA	0.75	0.1984	30.7	1.500	0.397	\$61.40
Same	6515011402299	FORCEPS HEMOSTATIC SAROT DESIGN 9.50" LG 3" J	2	EA	2	EA	2	EA	1	0.1984	45.48	2.000	0.397	\$90.96
Same	6515003352900	FORCEPS INTESTINAL BABCOCK 8IN STRAIGHT	4	EA	4	EA	4	EA	0.18	0.01	17.06	0.720	0.040	\$68.24
Same	6515011701179	FORCEPS INTESTINAL MEEKER DSGN 11"LG CRVD RIG	3	EA	3	EA	3	EA	0.37	0.022	73.97	1.110	0.066	\$221.91

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6515013748901	FORCEPS THORACIC KANTROWITZ DSGN 10.50" LG R	2	EA	2	EA	2	EA	0.15	0.001	87	0.300	0.002	\$174.00
Same	6515014667585	FORCEPS THORACIC LEJEUNE CRS 9.250IN	4	EA	4	EA	4	EA	1.15	0.15	61.82	4.600	0.600	\$247.28
Same	6515011398941	FORCEPS TISSUE 12" LG CLASSIC DEBAKEY DESIGN	4	EA	4	EA	4	EA	0.01	0.001	44.27	0.040	0.004	\$177.08
Same	6515003379800	FORCEPS TISSUE 5IN LG TWEEZER	8	EA	8	EA	8	EA	0.08	0.005	10.2	0.640	0.040	\$81.60
Same	6515003377800	FORCEPS TISSUE ADSON 4.50IN TWEEZER	4	EA	4	EA	4	EA	0.08	0.01	51.96	0.320	0.040	\$207.84
Same	6515011474668	FORCEPS TISSUE ALLIS 10INCH (25.4CM)	4	EA	4	EA	4	EA	0.1	0.005	46.45	0.400	0.020	\$185.80
Same	6515003380300	FORCEPS TISSUE ALLIS 6IN PIVOTED STR & SMOOTH	4	EA	4	EA	4	EA	0.13	0.01	22.95	0.520	0.040	\$91.80
Same	6515011690292	FORCEPS TISSUE BONNEY CORROSION RESISTING STE	2	EA	2	EA	2	EA	0.25	0.012	20.66	0.500	0.024	\$41.32
Same	6515006903208	FORCEPS TISSUE DEBAKEY 7.75" TWEEZER STR	4	EA	4	EA	4	EA	0.19	0.021	17.6	0.760	0.084	\$70.40
Same	6515003323300	FORCEPS TRACHEAL TUBE MAGILL FENESTRATED	2	EA	2	EA	2	EA	0.65	0.05	9.01	1.300	0.100	\$18.02
Same	7520002462664	FRAME FILE DRAWER	2	EA	2	EA	2	EA	0.66	0.12	2.31	1.320	0.240	\$4.62
Same	7240004049753	FUNNEL	1	EA	1	EA	1	EA	0.5	0.5	0.1	0.500	0.500	\$0.10
Same	6115NCM990822	GENERATOR, HONDA, PORTABLE 1.5KW	1	EA	1	EA	1	EA	200	3	790	200.000	3.000	\$790.00
Same	6515003632400	HANDLE BONE CUTTING WIRE SAW GIGLI OVAL	3	PR	3	EA	3	EA	0.13	0.01	21.96	0.390	0.030	\$65.88
Same	6515014650702	HANDLE LARYNGOSCOPE MEDIUM STD HOOK-ON WATERP	1	EA	1	EA	1	EA	0.45	0.05	19	0.450	0.050	\$19.00
Same	6515014650687	HANDLE LARYNGOSCOPE STUBBY WATERPROOF STD HOO	2	EA	2	EA	2	EA	0.45	0.05	20	0.900	0.100	\$40.00
Same	6515011767576	HANDLE SUCTION SURG RIGID SHATTERPROOF SUCT T	19	EA	19	EA	19	EA	0.06	0.002	0.87	1.140	0.038	\$16.53
Same	6515003447800	HANDLE SURG KNIFE BLADE SZ 3 NARROW NOSE	7	EA	7	EA	7	EA	0.08	0.002	10.05	0.560	0.014	\$70.35
Same	6515011417469	HANDLE SURG KNIFE DETACHABLE BLADE SZ 3	2	EA	2	EA	2	EA	0.125	0.0182	12.91	0.250	0.036	\$25.82
Increase	6640NCM010210	HIKER WATER MICROFILTER	1	EA	2	EA	2	EA	0.5	0.01	64.95	1.000	0.200	\$129.90
Same	6515006903200	HOLDER SUTURE NEEDLE DEBAKEY 9IN SERR	2	EA	2	EA	2	EA	0.31	0.023	103.1	0.620	0.046	\$206.20
Same	6515002998737	HOLDER SUTURE NEEDLE HEGAR-MAYO 7IN	6	EA	6	EA	6	EA	0.22	0.01	22.95	1.320	0.060	\$137.70

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	7230002523394	HOOK SHOWER CURTAIN SUSPENSION BRASS FOR 1IN	6	EA	6	EA	6	EA	0.25	0.1	0.04	2.500	0.600	\$0.24
Same	6515012808163	INFUSOR PRESSURE BLOOD/IV 14x6IN 1000ML	3	EA	3	EA	3	EA	0.35	0.045	12.19	1.050	0.135	\$36.57
Same	6630014878851	KIT PC DOWNLOAD (1)IR LINK PWR ADAPT (1) 5'CA	1	EA	1	EA	1	EA	0.11	0.1	350	0.110	0.100	\$350.00
Same	5110013946251	KNIFE POCKET W/LEATHER SHEATH	5	EA	5	EA	5	EA	0.2	0.2	47.62	1.000	1.000	\$238.10
Same	6515010457158	KNIFE STERNUM LEBSCHKE 10" LG PASSIVATED	1	EA	1	EA	1	EA	0.5	0.063	68.68	0.500	0.063	\$68.68
Same	6515014553888	LANTERN ELECTRIC HEAD MOUNT HALO/KRYPTON	5	EA	5	EA	5	EA	0.55	0.12	23	2.750	0.600	\$115.00
Same	6540014553885	LENS COVER RED LANTERN ELECTRIC HEAD MOUNT	5	EA	5	EA	5	EA	0.55	0.12	2	2.750	0.600	\$10.00
Same	6530014521651	LITTER EVACUATION TALON II PORTABLE COMPACT L	2	EA	2	EA	2	EA	14	0.713	533	28.000	1.426	\$1,066.00
Decrease	6515013548654	LOOP VASCULAR SURG 37CMX1.5MM BLUE SILICONE R	20	EA	14	EA	14	EA	1	0.001	1.45	14.000	0.014	\$20.30
Same	6515012338850	MALLET BONE SURG CRS 1 LB 7 TO 10-1/2" LG 1-1	1	EA	1	EA	1	EA	1	0.037	101.06	1.000	0.037	\$101.06
Same	6515014196393	MASK AIRWAY LARYNGEAL REUSABLE SILICONE	1	EA	1	EA	1	EA	1	0.35	241.56	1.000	0.350	\$241.56
Same	8115NCM000183	MEDICATION BOX	2	EA	2	EA	2	EA	0	0	45.95	0.000	0.000	\$91.90
Same	6230NCM021006	MINI MAG LIITE	5	EA	5	EA	5	EA	0.5	0.2	8.78	2.500	1.000	\$43.90
Same	6515014409394	MONITOR OXYGEN PORTABLE POWERED BY 9V AC BATT	1	EA	1	EA	1	EA	9.2	0.0147	411.75	9.200	0.015	\$411.75
Same	6515014322711	MONITOR PATIENT VITAL SIGNS PROPAQ 206EL	1	EA	1	EA	1	EA	25	2.4	9178.26	25.000	2.400	\$9,178.26
Same	6515014527697	OXIMETER PULSE 110/220VAC 50/60HZ CERTIFIED F	1	EA	1	EA	1	EA	5	2	1392.43	5.000	2.000	\$1,392.43
Same	6515014660971	OXIMETER PULSE FINGER BATTERY OP NONIN	2	EA	2	EA	2	EA	0.55	0.05	350	1.100	0.100	\$700.00
Same	6530014584619	PACK FANNY 13-1/2X 7 X 4 IN QUICK ACCESS POCK	1	EA	1	EA	1	EA	0.55	0.11	31.25	0.550	0.110	\$31.25
Same	8105NCM991105	PADDED CELLS, 14X5X4 BLACK	2	EA	2	EA	2	EA	0.38	0.3	18	0.760	0.600	\$36.00
Same	7310015013387	PAN STEAM TABLE STEEL	3	EA	3	EA	3	EA	4.25	1.15	31.01	12.750	3.450	\$93.03
Same	8315007877000	PIN SAFETY BRASS NICKEL 2" LG SZ 3	48	EA	48	EA	48	EA	0.19	0.005	0.49	9.120	0.240	\$23.52



**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6515011399048	PLIERS WIRE SUTURE CUTTING 6.75" LG SERRATED	1	EA	1	EA	1	EA	0.38	0.3	104.35	0.380	0.300	\$104.35
Same	5140003294306	POUCH MECHANICS TO DRY GOODS OT PILE FAB	2	EA	2	EA	2	EA	0.1	0.001	22.09	0.200	0.002	\$44.18
Same	6515014661481	POWER ADAPTER PUMP 120V AC 12V DC WALL MOUNT	1	EA	1	EA	1	EA	2.25	0.25	45	2.250	0.250	\$45.00
Same	6515014854362	PUMP INTRAVENOUS INFUSION 5"LG 4"W 2.2"HT POW	1	EA	1	EA	1	EA	0.77	0.15	3661.2	0.770	0.150	\$3,661.20
Same	6680011839784	REGULATOROXYGEN HEAVY DUTY SINGLE STAGE PRESS	1	EA	1	EA	1	EA	2.5	0.3	126.38	2.500	0.300	\$126.38
Same	6515015096802	RETRACTOR ABDOMINAL BALFORD ADULT SS	1	EA	1	EA	1	EA	0.09	0.06	510	0.090	0.060	\$510.00
Same	6515012396967	RETRACTOR ABDOMINAL RICHARDSON-EASTMAN DLB EN	2	EA	2	EA	2	EA	0.81	0.049	49.49	1.620	0.098	\$98.98
Same	6515009269193	RETRACTOR MASTOID WEITLANER 6.5IN HOOK	4	EA	4	EA	4	EA	0.31	0.013	48.21	1.240	0.052	\$192.84
Same	6515011398295	RETRACTOR MASTOID WULLSTEIN PEDIATRIC 4" LG T	1	EA	1	EA	1	EA	0.01	0.001	62.6	0.010	0.001	\$62.60
Same	6515003617250	RETRACTOR RIB FINOCCHIETO FENESTRA	1	EA	1	EA	1	EA	2.59	0.127	117.3	2.590	0.127	\$117.30
Same	6515014667614	RETRACTOR RIBBON CRS 13IN X 4IN OCHSNER DESIG	2	EA	2	EA	2	EA	0.55	0.015	20.25	1.100	0.030	\$40.50
Same	6515014696195	RETRACTOR RIBBON STEEL O/A13IN BLADE LG .750I	2	EA	2	EA	2	EA	0.55	0.15	26.4	1.100	0.300	\$52.80
Same	6515003603850	RETRACTOR SET ABDOM L RICHARDSON-EASTMAN	2	SE	2	SE	2	EA	0.81	0.144	26.78	1.620	0.288	\$53.56
Same	6515014587927	RETRACTOR SURGICAL MALLEABLE STRAIGHT13x1.5IN	2	EA	2	EA	2	EA	0.55	0.012	12.8	1.100	0.024	\$25.60
Same	6515014667721	RONGEUR CRS KLEIN-KUTZ DESIGN STRONG CURVE 5-	1	EA	1	EA	1	EA	1.15	0.15	441	1.150	0.150	\$441.00
Decrease	6515003632700	SAW BONE CUTTING WIRE TWIST DRILL 20IN LG	6	EA	5	EA	5	EA	0.03	0.003	10.09	0.150	0.015	\$50.45
Same	6515009357138	SCISSORS BANDAGE 7.25IN ANGLE TO HDL	5	EA	5	EA	5	EA	0.19	0.014	0.79	0.950	0.070	\$3.95
Same	6515010895668	SCISSORS GEN SURG METZENBAUM DELICATE 11IN	2	EA	2	EA	2	EA	0.46	0.015	57.64	0.920	0.030	\$115.28
Same	6515011151730	SCISSORS GEN SURGERY METZENBAUM DISSECTING 9"	2	EA	2	EA	2	EA	0.19	0.01	52.16	0.380	0.020	\$104.32
Same	6515003640520	SCISSORS GENERAL SURG MAYO 7IN CURVED	2	EA	2	EA	2	EA	0.08	0.004	20.54	0.160	0.008	\$41.08

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6515012399806	SCISSORS TENOTOMY POTTS DESIGN 7" LG CRVD BLA	2	EA	2	EA	2	EA	0.06	0.002	112.34	0.120	0.004	\$224.68
Same	6515011398988	SCISSORS THORACIC SLIGHTLY CRVD NELSON DSGN 1	2	EA	2	EA	2	EA	0.01	0.001	102.13	0.020	0.002	\$204.26
Same	6515003657100	SCISSORS TONSIL METZENBAUM 7IN LG CURVED	5	EA	5	EA	5	EA	0.16	0.005	11.47	0.800	0.025	\$57.35
Same	6630014222097	SIMULATOR QUALITY CONTROL TEST CLINICAL ANALY	1	EA	1	EA	1	EA	0.21	0.006	549	0.210	0.006	\$549.00
Same	4510015148443	SINK COLLAPSIBLE 12" X 18" 6 GAL CAP	2	EA	2	EA	2	EA	2	0.15	109.65	4.000	0.300	\$219.30
Same	6515NCM010513	SONOSITE 180 PLUS	1	EA	1	EA	1	EA	0.7	0.3	8036	0.700	0.300	\$8,036.00
Same	6515010394884	SPHYGMOMANOMETER ANEROID 300MM MAX	2	EA	2	EA	2	EA	1.25	0.1	12.41	2.500	0.200	\$24.82
Same	6515014995077	STETHOSCOPE LARGE WENGER WEIGHTED CHESTPIECE	1	EA	1	EA	1	EA	0.15	0.12	8.6	0.150	0.120	\$8.60
Same	6515014995078	STETHOSCOPE LARGE WENGER WEIGHTED CHESTPIECE	1	EA	1	EA	1	EA	0.12	0.1	8.4	0.120	0.100	\$8.40
Same	6515009354088	STETHOSCOPE FLAT-DIAP COMB LTWT ADULT 24IN	2	EA	2	EA	2	EA	0.7	0.3	5.59	1.400	0.600	\$11.18
Same	6515013975212	STIMULATOR PERIPHERAL NERVE BLOCKADE MONITOR	1	EA	1	EA	1	EA	1	0.03	161.55	1.000	0.030	\$161.55
Same	6530007844205	STRAP WEBBING PATIENT SECURING BUCKLE W/LOCKI	4	EA	4	EA	4	EA	0.81	0.025	17.58	3.240	0.100	\$70.32
Same	6515014350050	SUCTION APPARATUS SURGICAL PORTABLE	1	EA	1	EA	1	EA	5	0.5	1776.99	5.000	0.500	\$1,776.99
Same	6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT ALUM	2	PR	2	PR	2	PR	13.75	1	124.17	27.500	2.000	\$248.34
Same	8340015171895	TARPULIN	1	EA	1	EA	1	EA	10	18	35.09	10.000	18.000	\$35.09
Same	6530013332056	TRACTION APPARATUS FRACTURE NONSTER REUSABLE	2	EA	2	EA	2	EA	4	0.075	45.02	8.000	0.150	\$90.04
Same	6515NCM010514	TRANSDUCER C15/4-2	1	EA	1	EA	1	EA	20	2	8610	20.000	2.000	\$8,610.00
Same	6515015023734	TRANSDUCER ULTRASOUND MICROCURVED 11MM BROADB	1	EA	1	EA	1	EA	2.9	0.12	4510	2.900	0.120	\$4,510.00
Same	6530007940600	TRAY MEDICINE CRES 4X9.25/10X.5625/.6875"MIN/	2	EA	2	EA	2	EA	1.38	0.04	7.05	2.760	0.080	\$14.10
Same	4820014442466	VALVE CHECK END ITEM NSN 6515-01-355-6479	2	EA	2	EA	2	EA	1	0.1	186.3	2.000	2.000	\$372.60
Same	6515013556479	VAPORIZER ANESTHESIA DRAWOVER	1	EA	1	EA	1	EA	20	2	6146.08	20.000	2.000	\$6,146.08
Same	6530014551653	VENTILATOR VOLUME PTBL 8x11IN UNI-VENT	1	EA	1	EA	1	EA	13	0.75	6100.9	13.000	0.750	\$6,100.90

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Equipment)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	8415014228753	VEST MEDICAL TRAUMA BLACK NYLON MESH ONE SZ W	1	EA	1	EA	1	EA	0.2	0.001	207.25	0.200	0.001	\$207.25
Same	5120000974136	WRENCH BOX ALL ALUMINUM 4.937"L END HAS TWO .	1	EA	1	EA	1	EA	0.15	0.001	5.49	0.150	0.001	\$5.49
		<b>Equipment</b>									<b>Total</b>	<b>604.500</b>	<b>77.732</b>	<b>\$87,793.70</b>

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Medications)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Same	6505012384243	ALBUTEROL INHAL 90MCG/SPRAY 17GM	1	EA	1	EA	1.00	BT	0.11	0.006	8.08	0.110	0.006	<b>\$8.08</b>
Decrease	6505012752568	AMPICILLIN/SULBACTAM INJ USP 3G	20	EA	6	EA	0.60	PG	0.71	0.04	83.81	0.426	0.024	<b>50.286</b>
Decrease	6505014745440	ATROPINE INJ 0.4MG/ML 2ML SYR-NDL UNIT 10S	4	VI	1	VI	0.10	PG	0.75	0.015	8.94	0.075	0.002	<b>0.894</b>
Decrease	6505014542526	BACITRACIN ZINC OINTMENT USP 500 UNITS PER GM 14.2 GM 1/2 OZ	5	TU	1.2	TU	1.20	TU	0.55	0.12	0.85	0.660	0.144	<b>1.020</b>
Same	6505001387347	BUPIVACAINE HYDROCHLORIDE INJ USP 50ML VIAL	5	VI	5	VI	5.00	VI	0.31	0.007	2.51	1.550	0.035	<b>12.550</b>
Decrease	6505012125338	BUPIVACAINE IN DEXTROSE INJ 2ML AMPULE 10S	5	AM	3	AM	0.30	PG	0.1524	0.0789	16.69	0.046	0.024	<b>5.007</b>
Decrease	6505NCM000075	BUPIVACAINE 0.5% 10CC VI	5	VI	1	VI	1.00	VI	0.5	0.001	1.35	0.500	0.001	<b>1.350</b>
Decrease	6505012928931	CEFOTETAN DISODIUM STERILE POWDER FORM 10GM V	6	VI	2	VI	0.17	PG	1.15	0.012	380.28	0.383	0.004	<b>29.137</b>
Decrease	6505014926420	DEXAMETHASONE SODIUM 4MG/ML 5ML VI	3	VI	2	VI	2.00	VI	0.55	0.12	31.62	1.100	0.240	<b>63.240</b>
Same	6505014088048	DIPHENHYDRAMINE HYDROCHLORIDE INJ USP 5	1	VI	1	VI	1.00	VI	0.18	0.011	1.36	0.180	0.011	<b>1.360</b>
Same	6505011040399	DROPERIDOL INJ USP 2.5MG/ML 2ML AMPUL 1	2	AM	2	AM	0.20	PG	0.17	0.016	6.4	0.034	0.003	<b>1.280</b>
Decrease	6505014437076	EPHEDRINE SULFATE INJ 50MG/ML 1ML AMPULE 50S	5	AM	4	AM	0.08	PG	0.55	0.12	17.57	0.044	0.010	<b>1.406</b>
Decrease	6505002998760	EPINEPHRINE INJ USP 1ML AMPUL 25S	10	EA	5	EA	0.20	PG	0.29	0.017	9.88	0.058	0.003	<b>1.976</b>
Decrease	6505011533042	EPINEPHRINE INJ USP 1MG/ML 30ML VIAL	2	VI	.16	VI	0.16	VI	0.9	0.005	3.02	0.146	0.001	<b>0.490</b>
Increase	6505012040681	ETOMIDATE INJ 20ML SYRINGE-	2	EA	3	EA	3.00	PG	1.35	0.015	42.21	4.050	0.045	<b>126.630</b>
Decrease	6505010731316	FENTANYL CITRATE INJ .05 MG/ML 5ML AMP 10S	2	PG	1	PG	1.00	PG	0.33	0.014	3.66	0.330	0.014	<b>3.660</b>
Decrease	6505012139514	GENTAMICIN INJ 40MG/ML 2ML VI 25S	50	VI	18	VI	0.48	PG	0.66	0.02	7.09	0.475	0.014	<b>5.10</b>
Same	6505014997214	GLYCOPYRROLATE INJ USP 5ML VIAL 25 VIAL	10	VI	10	VI	0.40	PG	0.55	0.015	3.47	0.220	0.006	<b>1.388</b>
Decrease	6505002688530	HALOPERIDOL INJ USP 5MG/ML 1ML AMPUL 10S	5	AM	2	AM	0.20	PG	0.13	0.016	4.49	0.026	0.003	<b>0.898</b>
Increase	6505011028664	HEPARIN SODIUM INJ USP10MLBTLE 25	1	VI	6	VI	0.24	PG	1.35	0.026	11.42	0.324	0.006	<b>2.741</b>
Decrease	6505012811247	HESPAN IN SODIUM CHLORIDE INJ 500ML BAG 12S	23	EA	10	EA	0.83	PG	16	0.5	295.14	13.333	0.417	<b>245.950</b>
Same	6505014437083	ISOFLURANE USP 100ML BOTTLE 6S	6	EA	6	BT	1.00	PG	0.55	0.12	121.8	0.550	0.120	<b>121.800</b>
Same	6505013391909	KETAMINE INJ 10ML VIAL 10S	2	PG	2	PG	0.20	PG	0.05	0.002	42.53	0.010	0.000	<b>8.506</b>

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Medications)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Decrease	6505014821064	KETOROLAC CARTRIDGE-NDL UNIT 30MG/ML 1ML 10S	10	EA	9	EA	0.90	VI	0.003	0.01	37.78	0.003	0.009	34.002
Decrease	6505005986117	LIDOCAINE HCL INJ 2% 20MG/ML 20ML VIAL	4	VI	2.5	VI	0.38	VI	0.16	0.006	6.3	0.4	0.015	15.750
Decrease	6505014478094	LIDOCAINE HYDROCHLORIDE INJECTION USP 50ML VI	1	VI	0.38	VI	0.38	PG	0.55	0.12	12.16	0.209	0.046	4.621
Decrease	6505005843131	LIDOCAINE HYDROCHLORIDE JELLY USP 2% 30ML	1	PG	.5	PG	0.50	PG	0.15	0.006	7.6	0.075	0.003	3.800
Decrease	6505001117829	LUBRICANT SURGICAL 5 GRAM	55	EA	4	EA	0.03	BX	2.06	0.065	6.24	0.057	0.002	0.173
Increase	6505011080808	METHYLPREDNISOLONE SODIUM SUCC INJ 1000MG	1	CO	2	CO	2.00	VI	0.12	0.004	5.2	0.240	0.008	10.400
Decrease	6505012444736	MIDAZOLAM HCL INJ 5MG/ML 1ML VIAL 10S	1	PG	.6	PG	0.60	PG	0.18	0.008	63.01	0.108	0.005	37.806
Decrease	6505014830274	MORPHINE SULFATE INJ USP 10MG/ML 1ML VI	2	PG	1.32	PG	1.32	PG	0.12	0.24	21.6	0.158	0.317	28.512
Increase	6505000797867	NALOXONE HCL INJ USP .4MG/ML 1ML AMP 10S	5	AM	10	AM	1.00	BX	0.12	0.05	2.81	0.120	0.050	2.810
Decrease	6505014977913	NEOSTIGMINE METHYLSULFATE INJ 0.1% 10ML VI 1S	5	VI	1	VI	0.10	PG	0.55	0.32	156	0.055	0.032	15.600
Increase	6505002999496	NOREPINEPHRINE BITARTRATE INJECTION USP 4ML AMP	1	AM	4	AM	0.40	BX	0.35	0.021	44.47	0.140	0.008	17.788
Same	6505001049320	PHENYLEPHRINE HYDROCHLORIDEI INJ 1% 1ML 25S	10	AM	10	AM	0.40	BX	0.42	0.028	11.8	0.168	0.011	4.720
Decrease	6505013714331	RANITIDINE INJ USP 25MG/ML 6ML VIAL	3	VI	2	VI	2.00	VI	0.77	0.15	3.43	1.540	0.300	6.860
Same	6505010880499	SCOPOLAMINE INJ 0.4MG/1ML VI 25S	5	EA	5	EA	0.20	PG	0.4	0.0123	19.75	0.080	0.002	3.950
Same	6505013308924	SODIUM CHLORIDE INJ USP 0.9% 100ML BAG	6	EA	6	EA	0.24	PG	2.1	0.085	30.25	0.504	0.020	7.260
Same	6505012910333	SODIUM CHLORIDE INJ USP 500 ML PLASTIC	12	EA	12	EA	0.50	PG	0.55	0.005	31.3	0.275	0.003	15.650
Decrease	6505014667167	SUCCINYLCHOLINE CHLORIDE INJ USP20MG/ML 10ML	29	VI	26.5	VI	2.17	PG	1.5	0.25	15.83	3.250	0.542	34.298
Decrease	6505005607331	SULFADIAZINE SILVER CRM 400GM JR	1	JR	.5	JR	0.50	JR	1.25	0.047	14.54	0.625	0.024	7.270
Decrease	6505001179171	THIOPENTAL SODIUM INJ USP 0.5GM 500	1	PG	.28	PG	0.28	PG	6	0.34	183.94	1.680	0.095	51.503
Decrease	6505012580983	VECURONIUM BROMIDE INJ 10MG/ML 10ML VI 10S	13	VI	11	VI	1.10	PG	0.45	0.03	58.02	0.495	0.033	63.822
Decrease	6505005825079	WATER INJ STERILE USP VIAL W/ FLI	10	PG	.12	PG	0.04	PG	0.9	0.042	10.49	0.036	0.002	0.420
		<b>Medications</b>									<b>Total</b>	<b>34.916</b>	<b>2.662</b>	<b>\$1,158.96</b>

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	6515013271282	ADAPTER INJ-ASPR SITE FORCE-FIT FEMALE LUER L	5	EA	20	EA	0.10	PG	3	0.47	274.04	0.300	0.047	27.404
Increase	6515013311567	ADAPTER OXYGEN NUT-NIPPLE INLET HOSE BARB FIT	2	EA	8	EA	0.16	PG	1	0.03	31.85	0.160	0.005	5.096
Decrease	6510009268882	ADHESIVE TAPE SURGICAL POROUS WOVEN 1" X 10 YD	8	RO	1	RO	0.08	PG	1.41	0.05	8.31	0.118	0.004	0.693
Decrease	6515015199210	ADMINISTRATION SET,INTRAVENOUS FLUID	20	EA	12	EA	12.00	EA	10	1.3	8.75	120.000	15.600	105.000
Decrease	6515012331917	AIRWAY NASOPHARYNGEAL 9MM ID 12MM OD KINK RES	7	EA	1	EA	0.10	PG	0.25	0.069	4.28	0.025	0.007	0.428
Decrease	6515012331918	AIRWAY NASOPHARYNGEAL PORTEX 8MM ID 10.5MM OD	7	EA	4	EA	0.40	PG	0.25	0.069	7.58	0.100	0.028	3.032
Decrease	6515012331919	AIRWAY NASOPHARYNGEAL PORTEX DSGN PLAS 7MM ID	7	EA	4	EA	0.40	PG	0.25	0.069	4.49	0.100	0.028	1.796
Same	6515012882203	AIRWAY ORAL PLAS SZ MED ADULT O/A LG 90MM LS	4	EA	4	EA	0.33	PG	1.8	0.002	6.59	0.600	0.001	2.197
Decrease	6515006878052	AIRWAY PHARYNGEAL BERMAN DSGN LARGE ADULT 100	5	EA	4	EA	0.40	BX	0.55	0.052	4.85	0.220	0.021	1.940
Increase	6515015003895	BAG AUTOTRANSFUSER PLEUR-EVAC ATS BAG DISP 6S	3	EA	5	EA	0.83	PG	1.15	0.15	28.07	0.958	0.125	23.392
Increase	8105008377757	BAG PLASTIC A4 FLAT 12IN X 12IN HEAT SEAL CLE	10	EA	11	EA	0.03	BX	25	1	37.34	0.688	0.028	1.027
Decrease	8105011839764	BAG PLASTIC A4 FLAT 58INX36IN HEAVYDUTY 75LB	40	EA	19	EA	0.19	BX	1	0.32	19.45	0.190	0.061	3.696
Increase	6530010592473	BAG URINE COLLECTION PLASTIC DISPOSABLE 2 LIT	5	EA	8	EA	0.40	PG	11	1.578	2.23	4.400	0.631	0.892
Increase	6510009355822	BANDAGE ELASTIC ROLLED ACE 4INx4.5YDS 12S	8	EA	29	EA	2.90	PG	2	0.183	4.74	5.800	0.531	13.746
Increase	6510000583047	BANDAGE GAUZE KERLIX 4.5IN x 4YDS 100S	20	RO	38	RO	0.38	PG	1.15	0.026	98.55	0.437	0.010	37.449
Increase	6510015038726	BANDAGE HEMORRHAGE CONTROL 4X4" STERILE CHITO	2	PG	3	PG	3.00	PG	0.18	0.08	495	0.540	0.240	1485.000
Decrease	6510014600849	BANDAGE KIT ELASTIC	10	EA	5	EA	5.00	EA	0.55	0.012	3.5	2.750	0.060	17.500
Decrease	6510002011755	BANDAGE MUSLIN CAMOUFLAGE 37x37x52IN 1S	9	EA	3	EA	1.00	EA	0.13	0.008	2.05	0.130	0.008	2.050
Same	6505002617257	BENZOIN TINCTURE COMPOUND USP 1 PINT OR 473 M	1	CN	1	CN	1.00	CN	0.29	0.046	6.92	0.290	0.046	6.920
Increase	6515010882616	BLADE ELECTRODE ELECTROSURG 1" LG 3/32" DIA C	10	EA	22	EA	0.15	PG	1	0.1	77.23	0.147	0.015	11.327
Decrease	6515010095295	BLADE SURGICAL KNIFE DETACHABLE #10 150S	62	EA	39	EA	0.39	PG	1.05	0.045	15.16	0.410	0.018	5.912

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	7210009356666	BLANKET CASUALTY PLAST FILM & ALUM 95x56IN	10	EA	12	EA	12.00	EA	0.16	0.01	6.45	1.920	0.120	77.400
Decrease	6515014476868	BLOOD COLLECTING-DISPENSING BAG AND DONOR SET	32	EA	26	EA	1.08	PG	0.3	0.3	184.38	0.325	0.325	199.745
Increase	6515014661488	CARTRIDGE PUMP INTRAVENOUS POWER INFUSOR 10S	1	PG	1.2	PG	1.20	PG	2	0.2	295	2.400	0.240	354.000
Increase	6515004588416	CATHETER & CONN SUCT TRACH E14 18FR WHISTLE T	5	EA	12	EA	0.24	PG	5	0.773	18.25	1.200	0.186	4.380
Decrease	6515013059152	CATHETER & NDL UNIT D12 IV 14GAX1.25" LUER LO	25	EA	12	EA	0.24	PG	1.7	0.225	38.46	0.408	0.054	9.230
Decrease	6515002439695	CATHETER & NDL UNIT D12 IV 18GA X 1.25" CATH	20	EA	3	EA	0.06	PG	1	0.13	38.46	0.060	0.008	2.308
Increase	6515011151726	CATHETER ARTERIAL EMBOLECTOMY FOGARTY 3FR 80C	3	EA	4	EA	4.00	EA	28	2.9	49.41	112.000	11.600	197.640
Increase	6515011651137	CATHETER SHUNT ANEURYSM GOTT 35.50" LG 19MM O	1	EA	8	EA	8.00	EA	0.05	0.0002	241.4	0.400	0.002	1931.200
Same	6515010988356	CATHETER URETHRAL FOLEY 18FR ADL SZ 5CC BALLO	12	EA	12	EA	1.00	PG	4	0.753	20.76	4.000	0.753	20.760
Increase	6515012392494	CATHETER&NDL UNIT D12 IV 14GAX1.25" 2" NDL CL	10	EA	15	EA	0.08	PG	0.96	0.083	76.52	0.072	0.006	5.739
Increase	6515015190961	CATHETER,INTRAVENOUS SAFETY SHIELD STER 200S	15	EA	20	EA	0.10	PG	0.3	0.25	2.55	0.030	0.025	0.255
Decrease	6515012811238	CATHETERIZATION KIT CARDIOVASCULAR 8.5FR 9 CO	4	EA	2	EA	0.20	PG	0.75	0.025	131.75	0.150	0.005	26.350
Decrease	6510010854742	CELLULOSE OXIDIZED REGEN 8x4IN SURGICEL 24S	40	EA	26	EA	1.08	PG	0.5	0.05	1279.32	0.542	0.054	1385.930
Increase	6515014661195	CIRCUIT VENTILATOR VINYL DISP 6FT LG 15S	3	EA	6	EA	0.40	PG	1.15	0.15	80	0.460	0.060	32.000
Decrease	6515009007133	CONNECTOR TUBING BRANCHED A14 Y STRAIGHT SERR	5	EA	2	EA	0.04	PG	0.5	0.05	52.72	0.020	0.002	2.109
Same	6515009269201	CONNECTOR TUBING STRAIGHT 50S	12	EA	12	EA	0.24	PG	0.65	0.06	13.04	0.156	0.014	3.130
Increase	6550014323696	CONTROL BLOOD CHEM USE W/G E3+ G3+ EC4+ 6+ EG	10	EA	12	EA	1.20	PG	2	0.025	19.6	2.400	0.030	23.520
Increase	6550014318279	CONTROL BLOOD CHEM1.7ML USE W/G E3+ G3+ EC4+	10	EA	12	EA	1.20	PG	2	0.025	13.81	2.400	0.030	16.572
Decrease	6515013055120	DEPRESSOR TONGUE 6X0.75X0.0675	22	EA	20	EA	0.20	PG	0.84	0.6	2.75	0.168	0.120	0.550
Same	6515013682874	DETECTOR END-TIDAL CARBON DIOXIDE	10	EA	10	EA	1.67	PG	0.25	0.1	65.88	0.417	0.167	109.800
Increase	7930014368012	DETERGENT GENERAL PURPOSE .5 OZ PK 180S	20	EA	22	EA	0.12	PG	5.63	0.37	46.28	0.688	0.045	5.656

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Decrease	6505010453255	DETERGENT SURGICAL 4% CHLORHEXIDINE GLUCONATE	2	BT	1.38	BT	1.38	BT	2.56	0.087	4.8	3.533	0.120	6.624
Increase	6505010564031	DETERGENT SURGICAL MEDICATED 4OZ PLASTIC SQUE	1	BT	2	BT	2.00	BT	0.33	0.021	3.84	0.660	0.042	7.680
Same	6515014995079	DISCS ADHESIVE PRECORDIAL DOUBLE STICK 100S	12	EA	12	EA	0.12	PG	0.06	0.07	12.5	0.007	0.008	1.500
Increase	6530015179961	DRAPE SURGICAL PLAS 23X17IN W/ANITMICROBIAL F	1	EA	6	EA	0.04	PG	1.25	0.25	310	0.054	0.011	13.286
Increase	6515012219399	ELECTRODE COAGULATION PENCIL 1"BLADE ACCEPTS	5	EA	22	EA	0.44	PG	1	0.003	164.42	0.440	0.001	72.345
Increase	6515011588493	ELECTRODE GROUNDING ELECTROSURG 7.250X4.500"	5	EA	11	EA	0.22	PG	0.01	0.001	134.39	0.002	0.000	29.566
Increase	6515015163186	ELECTRODE STRESS/HOLTER, SNAP STYLE, TAPE SOL	120	EA	152	EA	0.25	PG	0.12	0.19	106.31	0.030	0.048	26.932
Decrease	6515014990961	EXTENSION SET INTRAVENOUS ADMIN STER VOL APPROX 4ML 30" TUB 120S	10	EA	4	EA	0.03	PG	2.5	1.5	75.62	0.083	0.050	2.521
Increase	6515013750513	FILTER HEAT & MOISTURE EXCHANGE ANES/VENT 50S	10	EA	11	EA	0.22	PG	0.3	0.2	274.39	0.066	0.044	60.366
Increase	6510011126414	GAUZE PETROLATUM 3x36IN ACCORDION 12S	1	EA	3	EA	0.25	PG	0.0517	0.045	11.42	0.013	0.011	2.855
Decrease	6515013648554	GLOVE PATIENT EXAM/TREAT LGE PREPWDR 100S	200	EA	58	EA	0.58	PG	1.2	0.1	7.32	0.696	0.058	4.246
Decrease	6515013648553	GLOVE PATIENT EXAM/TREAT MED PREPWDR 100S	22	EA	12	EA	0.12	PG	1.2	0.1	7.32	0.144	0.012	0.878
Increase	6515011498841	GLOVES SURG GEN SURG SZ 7.5 PWDR-FREE 50PR	22	PR	58	PR	1.16	PG	4.56	0.475	11.26	5.29	0.551	13.062
Decrease	6515011498842	GLOVES SURG GEN SURG SZ 8 RUBBER 50PR	40	PR	16	PR	0.32	PG	4.56	0.475	11.3	1.459	0.152	3.616
Decrease	6515014660286	GRAFT CARDIOVASCULAR 4X4 PTFE FELT MATERIAL	10	EA	2	EA	0.40	PG	0.55	0.015	16.6	0.220	0.006	6.640
Same	6515013758519	IMPLANT MESH SURGICAL 12X12" POLYESTER PLASTI	2	EA	2	EA	0.67	PG	0.3	0.006	82.39	0.200	0.004	54.927
Increase	6515001179021	INTRAVENOUS INJ SET VENTED 15 DROPS/ML 48S	2	EA	3	EA	0.06	PG	6.38	1.05	126.83	0.399	0.066	7.927
Increase	6515013100767	INTRAVENOUS INJECTION SET 100" LG 10 DROPS/ML	20	EA	22	EA	22.00	EA	4	0.8	3.92	88.000	17.600	86.240
Increase	6515013297541	KNIFE GENERAL SURGICAL SIZE 10 CRS STRAIGHT H	1	EA	11	EA	1.10	PG	0.1	0.001	17.13	0.110	0.001	18.843
Decrease	7690009354118	LABEL PAPER PSA A2 RECTANGULAR 1.5IN L X 2.5I	45	EA	11	EA	0.01	RO	0.0013	0.0032	9.26	0.000	0.000	0.102



**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	6515011456298	MASK ORONASAL PLASTIC DISP ANESTHESIA TYPE NO	2	EA	6	EA	0.30	PG	0.16	0.02	43.92	0.048	0.006	13.176
Increase	6515011535988	MASK SURG ANTI-FOG NON-GLASS PLEATED LINT-FRE	30	EA	44	EA	0.15	PG	0.68	0.082	46.51	0.100	0.012	6.821
Decrease	6515013780487	NEEDLE HYPO C20A SPINAL 25GAX3.50" SPRETT PEN	10	EA	2	EA	0.08	PG	0.1	0.001	6.69	0.008	0.000	0.535
Increase	6515007542834	NEEDLE HYPO GP 18GA 1.5IN LG LUER LOCK 100S	20	EA	35	EA	0.35	PG	0.66	0.044	6.63	0.231	0.015	2.321
Increase	6515007542838	NEEDLE HYPOD21GA 1.1IN LG LUER LOCK 100S	25	EA	26	EA	0.26	PG	0.76	0.044	5.8	0.198	0.011	1.508
Decrease	6515013770436	NEEDLE HYPODERMIC 25GAX1.50" REGULAR BEVEL CR	30	EA	11	EA	0.11	PG	0.48	0.05	7.68	0.053	0.006	0.845
Decrease	6515013223063	NEEDLE HYPODERMIC C20 SPINAL 22GAX5" LUER LOC	5	EA	2	EA	0.20	PG	0.01	0.001	51.12	0.002	0.000	10.224
Decrease	6515012564979	NEEDLE HYPODERMIC REGIONAL BLOCK 22GA C12A GP	10	EA	2	EA	0.04	PG	0.5	0.025	107.55	0.020	0.001	4.302
Decrease	6510010100307	PAD POVIDONE-IODINE IMPREG 1x2IN BROWN 100S	20	EA	16	EA	0.16	PG	0.68	0.045	9.59	0.109	0.007	1.534
Decrease	6510007863736	PAD PREP ISOPROPYL ALCOHOL IMPREG 1x2.5IN 100	80	EA	58	EA	0.58	PG	0.5	0.1	2.58	0.290	0.058	1.496
Decrease	7530002900617	PAPER BOND	1	BX	0.01	BX	0.01	BX	5	0.21	61.32	0.028	0.001	0.343
Increase	6515014829080	PLEDGETS CARDIOVASC 36PK 6 PER PK	2	EA	3	EA	0.08	PG	2.25	0.25	134.12	0.188	0.021	11.177
Increase	6515012348977	RAZOR SURGICAL PREPARATION STER DISP W/O COMB	6	EA	15	EA	0.30	PG	1.85	0.202	66.7	0.555	0.061	20.010
Increase	6515013337743	RESUSCITATOR-INHALATOR-ASPIRATOR PRTBLE W/ADL	2	EA	5	EA	0.50	PG	3.25	2	205.03	1.625	1.000	102.515
Increase	6515013283431	SAMPLE LINE CARBON DIOXIDE MONITOR PLASTIC DI	5	EA	10	EA	10.00	EA	0.15	0.002	3.16	1.500	0.020	31.600
Increase	6515014811326	SHEET SURGICAL 60"LG 70"W SOFT PLASTIC SLIT 4	30	EA	33	EA	0.79	PG	1	0.36	176.38	0.786	0.283	138.584
Increase	6515014687929	SHUNT VASCULAR LARGE EXTERNAL 1S	5	EA	7	EA	7.00	EA	1.15	0.15	183.7	8.050	1.050	1285.900
Same	6508012464202	SKIN CLEANSER MEDICATED 4 FL OZ PLASTIC BT 72S	6	BT	6	BT	0.08	PG	0.16	0.008	87.86	0.013	0.001	7.322
Increase	6532013334144	SLEEVE SURGICAL GOWN PLASTIC STERILE DISPOSAB	40	EA	66	EA	1.10	PG	4	0.001	71.23	4.400	0.001	78.353
Increase	6515012254681	SPLINT MALLEABLE ALUM 36x4.5IN 12S	3	EA	4	EA	0.33	PG	5	0.48	2.84	1.667	0.160	0.947
Decrease	6510014988214	SPONGE LAPAROTOMY GAUZE 4 PLY 18X18" SQUARE S	20	EA	13	EA	0.07	PG	0.66	0.12	61.15	0.043	0.008	3.975

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	6510007822698	SPONGE SURG 8-PLY GAUZE WHITE 4x4IN 200S	300	EA	344	EA	1.72	PG	0.83	0.073	6.61	1.428	0.126	11.369
Increase	6510007219808	SPONGE SURG COTTON GAUZE 4x4IN STERILE 1200S	6	EN	20	EN	0.02	PG	16	2.2	74.84	0.267	0.037	1.247
Decrease	6515013810143	STAPLE UNIT SURG 75MM RELOADING SAFE LOCK-OUT	10	EA	4	EA	0.33	PG	1.6	0.07	1135.41	0.533	0.023	378.470
Increase	6515014621239	STAPLER AND CUTTER UNIT SURGICAL STER TC175 L	2	EA	3	EA	1.00	PG	1.15	0.15	524.61	1.150	0.150	524.610
Same	6515010357962	STOPCOCK INTRAVENOUS THERAPY 3 WAY PLAS 50S	12	EA	12	EA	0.24	PG	0.56	0.15	41.28	0.134	0.036	9.907
Decrease	6515002998712	STYLET CATHETER-TUBE STR FLEXIBLE COPPER O/A	4	EA	3	EA	3.00	EA	0.19	0.013	35.02	0.570	0.039	105.060
Increase	6515NCM991115	STYLET, ESCHMANN (ET INTRODUCER)	2	EA	11	EA	0.44	BX	0.31	0.02	86	0.136	0.009	37.840
Increase	6515013918164	SUTURE ABS SURG GUT 0-0 SGL ARMED 27"LG STER	10	EA	18	EA	1.50	DZ	0.1	0.01	68.87	0.150	0.015	103.305
Increase	6515013110347	SUTURE ABS SURG GYN/OB SZ 2-0 SGL ARMED 36" L	20	EA	26	EA	2.17	DZ	0.2	0.015	16.08	0.433	0.033	34.840
Increase	6515002867038	SUTURE NONABS CARDIO SZ 5-0 36" LG DBL ARMED	10	EA	34	EA	0.94	PG	0.78	0.063	50.55	0.737	0.060	47.742
Decrease	6515012525573	SUTURE NONABS GEN CLO SZ 2 60" LG NDL TP-1 BL	20	EA	7	EA	0.55	DZ	0.53	0.049	44.91	0.309	0.029	26.198
Decrease	6515011384742	SUTURE NONABS GI SZ 3-0 8 18" STRANDS NDL SH	30	EA	15	EA	1.25	DZ	0.43	0.042	180.53	0.538	0.053	255.663
Increase	6515002385035	SUTURE NONABS SIZE 3-0 1.50' LG SILK UNARMED	20	EA	55	EA	4.58	DZ	0.12	0.071	10.97	0.550	0.325	50.279
Increase	6515014666126	SUTURE NONABS SURG BLACK STER BRAIDED 8-18 IN	20	EA	21	EA	1.75	DZ	0.55	0.015	118.2	0.963	0.026	206.850
Increase	6515011621902	SUTURE NONABS SURG SGL ARM B2 3/8CIR BLACK 2-	20	EA	27	EA	0.75	PG	0.43	0.069	43.03	0.323	0.052	32.273
Decrease	6515004338950	SUTURE NONABS SZ 1-0 6 2.5' STRANDS SILK BLAC	20	EA	12	EA	1.00	DZ	0.48	0.021	8.97	0.480	0.021	8.970
Decrease	6515014258071	SUTURE NONABSORBABLE SURG B3 1/2CIRC 26MM NDL	10	EA	3	EA	.25	DZ	0.55	0.015	152.42	0.046	0.001	12.702
Decrease	6515009824205	SYRINGE & NEEDLE TUBERCULIN 1ML 25GA 100S	10	EA	5	EA	0.05	PG	0.024	0.25	10.97	0.001	0.013	0.549
Same	6515012569688	SYRINGE ASPIRATING NEWBORN INFANT BULB TYPE 3	1	EA	1	EA	0.02	PG	9.65	1.55	44.31	0.193	0.031	0.886
Same	6515012451871	SYRINGE CARTRIDGE 3" CART LG CLEAR PLAS 2MM M	1	EA	1	EA	1.00	EA	0.034	0.0259	6.06	0.034	0.026	6.060

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Decrease	6515013568511	SYRINGE HYPO GP 10ML CAP LUER LOCK TIP W/O NE	20	EA	11	EA	0.03	PG	12	1.4	39.84	0.330	0.039	1.096
Increase	6515013520446	SYRINGE HYPO GP 60ML CAP LUER LOCK TIP W/O ND	2	EA	5	EA	0.04	PG	15	1.9	54.87	0.625	0.079	2.286
Decrease	6515013575932	SYRINGE HYPO GP DSGN 5ML CAP CONCENTRIC LUER	20	EA	11	EA	0.03	PG	9	1.4	28.6	0.248	0.039	0.787
Decrease	6515009824206	SYRINGE HYPO TUBERCULIN 1ML CAP LUER SLIP CON	5	EA	3	EA	0.03	PG	1.9	0.407	9.16	0.057	0.012	0.275
Same	6515011656742	SYRINGE HYPODERMIC GP 30ML CAPACITY LUER LOCK	5	EA	5	EA	0.20	EA	0.6	0.29	14.74	0.120	0.058	2.948
Increase	6515013634466	SYRINGE IRRGT ASPR IRRGT DSGN 50CC CAP W/CATH	5	EA	6	EA	0.12	PG	6.5	1.8	30.35	0.780	0.216	3.642
Decrease	6510009268883	TAPE ADHESIVE SURG WOVEN 2INx10YD 6S	6	RO	5	RO	0.83	PG	1.28	0.064	8.21	1.067	0.053	6.842
Same	5640001032254	TAPE DUCT PLASTIC COATED SILVER ROLL 2INx60YD	1	RL	1	RL	1.00	RL	1	0.042	2.53	1.000	0.042	2.530
Decrease	6550014340942	TEST PACK SODIUM POTASSIUM GLUCOSE HEMATOCRIT	25	EA	9	EA	0.36	PG	2	0.025	164.7	0.720	0.009	59.292
Increase	6515013429183	THERMOMETER LIQUID CRYSTAL CLINICAL 84-106 DE	10	EA	11	EA	0.11	PG	1	0.0556	161.15	0.110	0.006	17.727
Increase	6510013716439	TOWELETTE BENZALKONIUM CHLORIDE IMPREG CLOTH	100	EA	110	EA	0.73	PG	0.15	0.01	77.06	0.110	0.007	56.511
Increase	6515011707502	TRANSMISSION GEL ULTRASONIC PROBE LACTOR-SONI	1	BT	1.139	BT	1.13	BT	0.5	0.22	2.23	0.563	0.248	2.509
Same	6515014726485	TUBE CONNECTING SURG APPARATUS PLAS STR 144"L	6	EA	6	EA	0.30	PG	1.5	1.1	20.1	0.450	0.330	6.030
Increase	6515011885316	TUBE DRAINAGE SURG PENROSE 1X18IN 200S	4	EA	22	EA	0.11	PG	3.44	0.019	69.44	0.378	0.002	7.638
Decrease	6515008669073	TUBE DRAINAGE SURG THORACIC 36FR STR 10S	10	EA	3	EA	0.30	PG	1.54	0.096	17.14	0.462	0.029	5.142
Increase	6515013849023	TUBE DRAINAGE SURG PENROSE 12IN LGx0.6 WI 200S	10	EA	11	EA	0.06	PG	5.2	1.4	112.23	0.286	0.077	6.173
Same	6515001050720	TUBE ENDOTRACHEAL MURPHY 6.0MM OD 10S	7	EA	7	EA	0.70	PG	1	0.05	21.19	0.700	0.035	14.833
Decrease	6515001050744	TUBE ENDOTRACHEAL MURPHY 7.0MM OD 10S	16	EA	6	EA	0.60	PG	1	0.05	24.39	0.600	0.030	14.634
Decrease	6515001050759	TUBE ENDOTRACHEAL MURPHY 8.0MM OD 10S	15	EA	11	EA	1.10	PG	1	0.05	20.62	1.100	0.055	22.682
Decrease	6515013538850	TUBE EXT INJ SET 42" LG ANES EXT SET W/2 NORM	21	EA	12	EA	0.24	PG	0.75	0.45	210.82	0.180	0.108	50.597

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Consumables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	6515010747805	TUBE INHALER PLASTIC NONSTERILE DISPOSABLE 10	15	FT	22	FT	0.22	PG	6.22	0.163	8.9	1.368	0.036	1.958
Same	6515013549055	TUBE SUCTION SURG SALEM D7 SUMP DRAIN 18FR ANTI	10	EA	10	EA	0.20	PG	1	0.75	175.68	0.200	0.150	35.136
Increase	6515014667153	TUBE VASCULAR GRAFT PLAS STER DISP 8MM 30CM R	2	EA	7	EA	7.00	EA	0.55	0.015	1027	3.850	0.105	7189.000
Decrease	6515009269150	VALVE DRAIN HEIMLICH 4.50" LG 1" DIA 10S	11	EA	2	EA	0.20	PG	0.006	0.0024	189.9	0.001	0.000	37.980
Increase	6515013883857	VALVE POSITIVE END EXPIRATORY PRESS VENTILATO	2	EA	5	EA	0.50	PG	0.3	0.004	104.53	0.150	0.002	52.265
Increase	6515014997307	WATERTRAP SIDESTREAM CO2 PROPAC 10S	2	EA	10	EA	1.00	EA	1.15	0.15	122	1.150	0.150	122.000
		<b>Consumables</b>									<b>Total</b>	<b>415.748</b>	<b>55.887</b>	<b>\$17,855.74</b>

**APPENDIX D**  
**MFST COMPARISON WEIGHT, CUBE & COST**

Status	NSN	Nomenclature (Durables)	Current Qty	Current UI/UM	Revised Qty	Revised UM	Revised Qty UI	Revised UI	Wgt	Cube	Cost	Total Wgt	Total Cube	Total Cost
Increase	8415002228074	APRON PLAS DISP WHITE POLYETHYLENE BIB STYLE	6	EA	11	EA	0.11	PG	3.5	0.015	9.83	0.385	0.002	1.081
Same	6135NCM020191	BATTERY AAA DURACELL	6	EA	6	EA	0.50	PG	0.1	0.01	3.25	0.050	0.005	1.625
Decrease	6135009857845	BATTERY NONRECHARGEABLE 1.5V AA 24S	30	EA	14	EA	0.58	PG	0.1	0.001	4.78	0.058	0.001	2.788
Increase	6135009857846	BATTERY NONRECHARGEABLE ALKALINE 1.5 VOLT C C	4	EA	5	EA	0.42	PG	3.7	0.039	7.43	1.542	0.016	3.096
Increase	6135009002139	BATTERY NONRECHARGEABLE ALKALINE 9V 12S	1	EA	4	EA	0.33	PG	0.1	0.001	11.8	0.033	0.000	3.933
Decrease	6515014661490	BATTERY PK LITHIU SGL USE5BATTERIES P/PACK E.	2	EA	1	EA	1.00	EA	2.25	0.25	85	2.250	0.250	85.000
Increase	6515014979282	BULB KRYPTON 4 CELL LAMP LONG BURN U/W 651501	5	EA	6	EA	6.00	EA	0.05	0.08	1.25	0.300	0.480	7.500
Increase	6515015003064	CANISTER ASSEM SUCTION SURG COLLECTION 800ML	1	EA	2	EA	0.05	PG	0.38	0.12	31.5	0.019	0.006	1.575
Increase	4610014983885	CARTRIDGE REPLACEMENT LL BEAN PUR HIKER WATER	1	EA	3	EA	3.00	EA	0.15	0.12	29.95	0.450	0.360	89.850
Decrease	4020002460688	CORD FIBROUS NYLON 32 OR 36 STRAND 400YD	200	FT	126	FT	0.11	SL	8	0.001	53.11	0.840	0.000	5.577
Increase	6530013697177	DISPOSAL CONTAINER HYPO NDL & SYR PLAS HOLDS	2	EA	3	EA	0.06	PG	3	0.2	1.54	0.180	0.012	0.092
Increase	6515013690937	EARPIECE STETHOSCOPE NOISE PROTECTION DISPOSA	2	EA	12	EA	0.24	PG	2	1.05	223.45	0.480	0.252	53.628
Same	8415002687870	GLOVES LEATHER: MENS WORK CREAM COLOR STRAP C	5	PR	5	PR	5.00	PR	0.5	0.6	16.4	2.500	3.000	82.000
Decrease	6260011785559	LIGHT CHEMILUMINESCENT	36	EA	11	EA	1.10	BX	0.12	0.11	8.59	0.132	0.121	9.449
Decrease	7520003126124	MARKER TU TYPE FINE TIP BLACK PERMANENT NO OD	5	EA	2	EA	0.17	DZ	0.5	0.01	8.59	0.083	0.002	1.432
Decrease	7520009357136	PEN BALL-POINT MED PT BLACK	8	EA	6	EA	0.50	DZ	0.36	0.144	5	0.180	0.072	2.500
Increase	8415NCM991102	PROTECTIVE EYEWEAR 10'S	5	EA	6	EA	0.60	PG	0.1	0.01	5	0.060	0.006	3.000
Decrease	4020011263805	ROPE FIBROUS NYLON 0.25" CIRCUMFERENCE 200' S	1	SL	.06	SL	0.06	SL	1	0.435	31.16	0.055	0.024	1.714
Same	7510002051438	RUBBER BAND 1-4LB NO.19	1	BG	1	BG	1.00	BG	0.08	0.008	0.4	0.080	0.008	0.400
Increase	6515012714894	SENSOR SPO2 MONITORING FINGER WRAP PROPAQ 24S	5	EA	6	EA	0.25	PG	0.94	0.056	394.18	0.235	0.014	98.545
Increase	6515015096866	SLING PELVIC ADJ TO 36" 7" WIDE	2	EA	3	EA	3.00	EA	0.12	0.08	50	0.360	0.240	150.000
Decrease	5975009846582	STRAP,TIEDOWN,ELECT	100	EA	55	EA	0.55	HD	0.01	0.001	0.99	0.006	0.001	0.545
Same	6515013260184	TUBE INHALER PLAS 84" LG FORCE-FIT CONN VINYL	2	EA	2	EA	0.04	PG	0.25	0.003	12.58	0.010	0.000	0.503
Decrease	6850009857166	WATER PURIFICATION TABLET IODINE 8 MG D-DAY I	5	BT	1	BT	1.00	BT	0.07	0.002	1.46	0.070	0.002	1.460
		<b>Durables</b>									<b>Total</b>	<b>10.358</b>	<b>4.873</b>	<b>\$607.29</b>