TAB 2. Medical Supply Caches: Level I, Level II, Level III

Level I: Hospital Augmentation Cache

Hospital Augmentation Cache: 50 Patients			
Item	**Number**	**Cost Each Item**	**Total**
Disaster/surge capacity trailer	1	10,000	10,000
Patient cots	45	50	2250
Patient cots, with wheels, collapsible	10	250	2500
Linens			0
Sheets (2 per patient + extras)	150	4.56	684
Blankets	75	13.5	1012.50
Pillows (disposable – case of 15)	4	43.2	172.80
Pillow cases	100	1.14	114
N95 masks (case of 210)	1	98	98
Gloves			
Latex Free Exam – small (case of 1000)	1	36	36
Latex Free Exam – medium (case of 1000)	1	36	36
Latex Free Exam – large (case of 1000)	1	38.34	38.34
Powder Free Exam – small (case of 1000)	1	37.55	37.55
Powder Free Exam – medium (case of 1000)	1	37.55	37.55
Powder Free Exam – large (case of 1000)	1	39	39
Gowns (for staff – splash resistant – case of 12)	10	39	390
Bag-valve-mask respirators	10	11	110
Blood pressure cuffs (manual)	5	40	200
Stethoscopes	10	35	350
IV Poles	25	60	1500
TOTAL – equipment costs			19605.74

This level of cache was recently funded by the Denver Health Medical Center and is being put in place as a regional resource.

Level II: Regional Alternative Site Cache

Regional Alternative Site Cache: 500 Patients					
Product Name	**Description**	**Unit**	**Number pieces per unit**	**# of pieces Per Region**	**# units Per Region**
Applicator, cotton tipped	5 3/4 L x 1/12 in. dia	PK	864	864	1
Bag, Ambu (adult)	Disposable	CS	6	12	2
Bag, Ambu (infant)	Disposable	CS	6	12	2
Bag, disposable	Plastic, drawstring, 33 gal.	PK	50	200	4
Bag, Disposable, Biohazard	disposable, 2 ml, red, 33 gallon	EA	1	200	200
Batteries, AA	for flashlights	PK	8	64	8
Bed Pan	Urinal, plastic	CT	10	200	20
Blanket, infant	cotton	CS	72	288	4
Blanket, poly		CS	20	500	25
Blanket, thermal		CS	12	240	20
Blood Pressure Device	Adult	EA	1	40	40
Blood Pressure Device	Child	EA	1	10	10
Bracelets, Medical ID	Pediatric vinyl band	EA	1	300	300
Bracelets, Medical ID	Adult vinyl band	EA	1	500	500
Bungy Cords	20 piece assortment	EA	1	100	100
Chair, Folding	Poly	EA	1	48	48
Clip Boards	black clipboard	EA	1	525	525
Cots, Portable	Collapsible deluxe military cot	EA	1	500	500
Cribs, Peds, Portable	w/mattress, single drop rail	EA	1	50	50
Diapers, disposable	Size 3, 12-24 lbs	CS	192	384	2
Diapers, disposable, latex free	Adult, Medium, white	CS	96	192	2

Disinfectants/detergent	Safetec, alcohol free, 32 oz. spray	CS	6	30	5
Disinfectants/detergent	Safetec, alcohol free, gallon	CT	4	8	2
Emesis Basin	plastic, disposable	CT	50	400	8
Form, General Medicine	DRS, Form 4011	PK	500	1500	3
Form, Laboratory, Diagnostic		PK	**500**	500	1
Form, Registration, English	1 Part, English	PK	500	500	1
Form, Registration, Spanish	1 Part, Spanish	PK	100	100	1
Gate, Child	6-panel, 18.5 sq feet	EA	1	50	50
Gloves	Medium, powder free, chloroprene	PK	100	2500	25
Gloves	Large, powder free, chloroprene	PK	100	1000	10
Gown, Patient, disposable	Adult	CS	50	500	10
Gown, Patient, disposable	Pediatric, tissue, poly, blue	CS	50	300	6
Gown, Provider	Open back, Medium	CS	30	210	7
Gown, Provider	Open back, Large	CS	30	300	10
Hamper, Linen (soiled)	Single w/footpedal	EA	1	20	20
Hand Cleaner (waterless)	Safetec, 4 oz w/ aloe vera	CS	24	24	1
Holder, bag	rectangular alumininum	EA	1	20	20
IV Set	Selectable drop chamber set	CS	48	240	5
Light, Flashlight	VersaBrite II, 8000 cp	EA	1	20	20
Light, Headlamp	halogen w/cloth strap	EA	1	5	5
Light, pen, disposable		CS	36	72	2
Mask, N-95 particulate respirators	w/cool flow valve	PK	10	2000	200
Mask, Oxygen, Adult	Simple Mask w/7' tubing	EA	1	100	100
Mask, Oxygen, Pediatric	Simple Mask w/7' tubing	EA	1	50	50
Mat, Child	Embossed vinyl	EA	1	50	50

Mattress Pads, Crib	disposable	PK	6	48	8
Name Badge & Holder, plastic clip-on	inkjet/laserjet, 100/box	BX	100	200	2
Notepads	White, 100 pages	PK	12	48	4
Pack, Ice	Col-Press First Aid Kit Size	BX	50	100	2
Pack, Warm	Solar-Pack	BX	24	48	2
Pens, Standard	Bic round Stick	PK	50	200	4
Pillows, disposable	lt. Blue	CS	15	510	34
Privacy Screen, Portable/Mobile	3 panel, folding	EA	1	2	2
Scissors, Lister bandage	7 1/4"	EA	1	25	25
Sharps Containers, Biohazard	2 gal. Transportable	EA	1	50	50
Sheets, Stretcher	deluxe tissue poly, blue	CS	50	500	10
Soap, Liquid	Metrex, Vionex, antimicrobial, bag in box	CS	12	12	1
Spectacles, Eye Protective	clear, wraparound, poly	PK	10	100	10
Stand, IV	4 leg	EA	1	200	200
Stethoscope, disposable, single-head	Dark Blue, Adult	EA	1	30	30
Table, Folding	Gray	EA	1	2	2
Tape, Duct	B-450	EA	1	2	2
Tape, Medical	hypoallergenic cloth tape	BX	24	24	1
Thermometer, Disposable Strips	oral/axillary	BX	100	1500	15
Tongue depressor		CS	1200	1200	1
Tourniquet	latex free	CT	50	50	1
Trailer	Well Cargo cargo trailer	EA	1	1.5	1.5
Urinal, female	Plastic	CT	10	20	2
Urinal, male	Plastic	CT	10	30	3

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Level III: Comprehensive Alternative Care Site Medical Cache Lists
There are four lists in this large cache: equipment, patient related consumables, administrative consumables and oxygen/respiratory equipment.

Level III: Equipment Considerations for Alternative Care Site: 50 Bed Unit[1]

Equipment	Infectious	Non-Infectious	Quarantine
Beds/Cots (with extra)	52	52	52
Chairs correlation with staffing level	12	12	4
Desks correlation with staffing level	6	6	2
Fax Machine	1	1	?
Housekeeping Cart with supplies	1	1	1
Internet email Access	1	1	1
IV Poles	50	50	0
Linens (sheets/pillows/pillow cases/hand towels/ bath towels)	100	100	100
Patient Commodes	4	4	1
Pharmacy Carts	2	2	1
Privacy Dividers	25	25	25
Refrigerators (food/meds)	3	3	1
Stretchers	2	2	0
Supply Carts	3	3	1
Telephones	5	5	5
Treatment Carts	2	2	0
Washing Machine	1	1	1
Wheelchairs	2	2	1

Level III: Patient Care-Related Consumables: 50 Bed Unit[2]

Item Description	Calculations of Quantities	Total Item Count	Unit of Issue	Total UoIs Required
Alcohol pads (multiple widespread use)	2-4 Boxes per 24 hours	14-28	Box	1 Box
Catheters, intraosseous module blue (pediatric use)	May use 1/day max.	6-7/wk of 1 standard size	Each	7 Each

[1] Adapted from *The Concept of Operations for the Acute Care Center*, the U.S. Army Soldier and Biological Chemical Command (SBCCOM), 2003, in press. Used by permission.

[2] Adapted from *The Concept of Operations for the Acute Care Center*, Appendix E, the U.S. Army Soldier and Biological Chemical Command (SBCCOM), 2003, in press. Used by permission

Intermittent IV access device (lock)	50 pts initially (first day) then 10%	250/wk	50/Box	5 Boxes
IV catheters, 18g with protectocath guard	40% of pts req IVs	150/wk	50/Box	3 Boxes
IV catheters, 20g with protectocath guard	40% of pts req IVs	150/wk	50/Box	3 Boxes
IV catheters, 22g with protectocath guard	10% of pts req Ivs	25/wk	50/Box	0.5 Boxes
IV catheters, 24g with protectocath guard	10% of pts req	25/wk	50/Box	0.5 Boxes
IV fluid bags, NS, 1000cc (required by 60% of patients)	(50% of pts(25)/day x 3L/pt)x	315 L/wk	12/Case	18 Cases
IV fluid bags, D5 1/2NS, 1000cc (required by 40% of patients)l	(50% of pts(25)/day x 3L/9t)x	210 L/wk	12/Case	18 Cases
IV start kits	Same # as intermittent access device	60	25/Box	2.5 Boxes
IV tubing w/ Buretrol drip set for peds	10% peds/wk	25/wk	20/Case	1.25 Cases
IV tubing w/ standard macrodrip for adults	Same # as intermittent	250/wk	48/Case	5 Cases
Needles, Butterfly, 23g	10% peds/wk	25/wk	50/Box	0.5 Boxes
Needles, Butterfly, 25g	10% ped/wk	25/wk	50/Box	0.5 Boxes
Needles, sterile 18g	1 box/day	7 boxes/wk	100/Box	7 Boxes
Needles, sterile 21g	1 box/day	7 boxes/wk	100/Box	7 Boxes
Needles, sterile 25g	1 box/day	7 boxes/wk	100/Box	7 Boxes
Saline for injection 10cc bottle	50 bottles/day	350 bottles/wk	24 /Box	14.5 Boxes
ABD bandage pads, sterile	10% pf [ts/day = 5 pads/day+35 pads/wk	7 boxes/wk	50/Box	7 Boxes
BandAids	1 box/day	7 boxes/wk	50/Box	7 Boxes
Basins, bath	20 pts/day	140/wk	100/Case	1.5 Cases
Bathing supply, prepackaged (e.g.Bath in a Bag (TM))	50 pts every day	350/wk		350
Bedpans – regular	40 pts/day initially then10%	65/wk	50/Case	1.25 Cases
Toilet Paper	25 rolls/day	175 rolls/wk		175 Rolls
Blankets	50 pts/day; changed daily	50/day or 350/wk		350/Week
Carafes - 1 liter (for variety of uses)	30/day	210/wk		210/Week
Cart, supply	3/unit (1 for IV’s;1 for Pt	3/unit		
Chux protective pads (many uses)	3/pt q3hrs = 24 chux/pt/day x 50 pts + 1200/day	8400/wk	50/Box	168 Boxes
Cots (have extras available to replace broken equipment)	50/unit plus 2 extra	52/unit		52/Unit

Curtains, privacy (wheeled)	25 (every other bed)	25/unit		25/Unit
Diapers – adult	10/day	70/wk	72/Case	1 Case
Diapers – infant	8/day/infant x 5 infants/day	280/wk	144/Case	3 Cases
Diapers – pediatric	5/day/ped x 5 peds/day = 25/day	175/wk	144/Case	1.25 Cases
Emesis basins	100/wk	100/wk	250/Case	0.5 Case
Facial tissue, individual patient box	1 box/pt/day	350 boxes/wk	200 Boxes	1.75 Cases
Feeding tubes, pediatric				
- 5 French	10/wk	10/wk	10/Box	1 Box
-8 French	10/wk	10/wk	10/Box	1 Box
Foley Catheters - 16F Kits (includes drainage bag)	>50% of pts wk	100/wk	10/Case	10 Cases
Gloves non-sterile, small/medium/large (latex and non latex)	6 boxes/day	42 boxes/wk	100/Box	42 Boxes
Goggles / face shields, splash resistant, disposable	6 boxes/day	42 boxes/wk	100/Box	42 Boxes
Gown, splash resistant, disposable	3/staff/shift = 36/day	252/wk	Box	42 Boxes
Mask, N95, for staff (particulate respirator)	36/day	252/wk	210/Case	1.2 Cases
Gown, patient	75/day	525/wk		
Mask, 3M 1800 for patient	150/day	1050/wk		
Gauze pads, non-sterile, 4x4 size,	400/day	2800/wk		
Hand cleaner, waterless alcohol-based	1 per handwash station/day x	28/wk	25 Bottles/Case	1 Case
Paper Towels	25 rolls/day	175 rolls/wk		175 Rolls
Lubricant, Water soluble		1-2 boxes wk	25 Boxes	0.5 Boxes
Medicine cups, 30ml, plastic	2/pt/day = 100/day	700/wk		700/Week
Morgue Kits	Tularemia: 15pt/day mortality	300/wk		300/Week
Nasogastric tubes - 18F		25/wk	50/Case	0.5 Cases
OB Kits		1/wk		1/Week
Pen lights		12/unit	6/Box	2 Boxes
Povidone-iodine bottles, 12 oz	2/day	14/wk	48 Bottles	0.25 Cases
Restraints, Extremity, soft - adult		25/wk	48/Case	0.5 Cases
Sanitary pads (OB pads)	2 women/wk; 10 pads/day	20 pads/wk	12 Pads	2 Boxes
Sharps disposal containers - 2 gallon	2-4/wk/unit	2-4/wk	20/Case	0.25 Cases
Sheets, disposable, paper, for stretchers & cots	100/day	700/wk		700/Week
Syringes, 10cc, luer lock	4 boxes/wk (100 ct box)	400 wk	100/Box	4 Boxes
Syringes, 3cc, luer lock, w/ 21g 1.5" needle	200/day	1400/wk	100/Box	14 Boxes
Syringes, catheter tip 60cc		25/wk	50/Box	0.5 Boxes
Syringes, Insulin	4/day	28/wk	100/Box	0.25 Boxes

Syringes, TB	2/day	14/day	100/Box	0.4 Boxes
Tape, silk - 1 inch	12/day	96/wk	12 Rolls/Box	8 Boxes
Tape, silk - 2 inch	6/day	42/wk	12 Bolls/Box	3.5 Boxes
Toilet tissue	25 rolls/day	175 rolls/wk		175 Rolls
Tongue depressor		2 boxes/wk	500/Box	2 Boxes
Tubex [TM] pre-filled syringe holders	1 per staff member plus	12/sub-unit	50/Case	0.25 Cases
Urinals		50/wk	50/Case	1 Case
Washcloths, disposable		10/pt/day	3500/Wk	3500/Week
Water, bottled 1 liter (for mixing ORT)	1/patient	200/wk		200/Week
Water container, 1 gallon potable		125/wk		125/Week
Drinking cups				
Diagnostic Supplies				
Glucometer		1 per unit	Each	
Glucometer test strips		2 bottles/wk	50 Strips/Viles	2 Viles
Probe covers for thermometers	4 boxes/day	28 boxes/wk	20/Box	28 Boxes
Protocol unit (or other brand), 02 sat monitor, thermometer, BP, HR		4 per unit	Each	
Protocol unit, disposable plastic BP covers	200/day	1400/wk		
Single Use Shielded Lancets	25/day	175/wk		1 Box
Stethoscopes		12/unit	Each	12

Level III: Administrative Consumables: 50 Bed Unit[3]

Item Description
Pens – Black ballpoint
Pens – Red ballpoint
Stapler
Staples
Tape
Tape dispenser
Paper clips
Paper punch (3- or 5-hole based on chart holders)
Chartholders/Clip boards
File Folders - letter size, variety of colors
Namebands for Identification and Allergies
Batteries – 9V
Batteries – AA
Batteries – C

[3] Adapted from *The Concept of Operations for the Acute Care Center*, Appendix E, the U.S. Army Soldier and Biological Chemical Command (SBCCOM), 2003, in press. Used by permission

Batteries – D
Clipboards
Chalk or white boards
Dry-erase markers
Chalk
Trashcans and liners
Flashlights
Plastic bags for patient valuables
Floor lamps
Table lamps
Lightbulbs
Plain paper
Filing cabinets – rolling
Black permanent markers
Yellow highlighter markers
Time cards
Generic sign-in, sign-out forms
Pre-printed admission Order forms
Blank physician order forms
Multidisciplinary progress notes
Nursing flowsheets
Admission history & physical forms (include area for Nrsg Hx)
Death certificates/Death packets

Level III: Oxygen and Respiratory-related Equipment Considerations for Alternative Care Site: 50 Bed Unit[4]

Item Description	Quantity
Bag-Valve-Mask w/adult and peds masks – adult 1600 ml reservoir	1
Cascade gauge for oxygen cylinders	14
Catheters, suction	20
Connector, 5 in 1	8
Cylinder holders for E Cylinder oxygen tanks	4
Mask, oxygen – nonrebreather, pediatric	10
Mask, oxygen – nonrebreather, adult	20
Nasal cannula, adult	40
Nasal cannula, pediatric	10
Regulator, Oxygen (Flow meter)	14

[4] Adapted from *The Concept of Operations for the Acute Care Center*, Appendix E, the U.S. Army Soldier and Biological Chemical Command (SBCCOM), 2003, in press. Used by permission

Suction unit – Collection System	2
Suction unit – Portable	1
Suction unit Battery	1
Tank, Oxygen "E" cylinder (700 L O_2)	4
Tank, Oxygen "H" cylinder (7000 L O_2)	10
Tubing, oxygen – with connector	40
Tubing – suction, connector	10
Tubing, suction, 10F	10
Wrench, Oxygen tank	2
Yankaur Suction Catheter	10
Intubation equipment with oral airways/ET tubes; adult & peds	1 set
Ventilators	1