

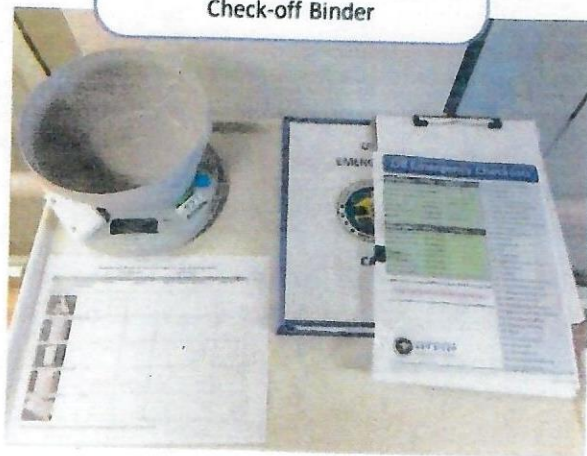
BUMED Patient Safety Bundle Obstetric Hemorrhage

Appendix A – Obstetric Emergency Cart

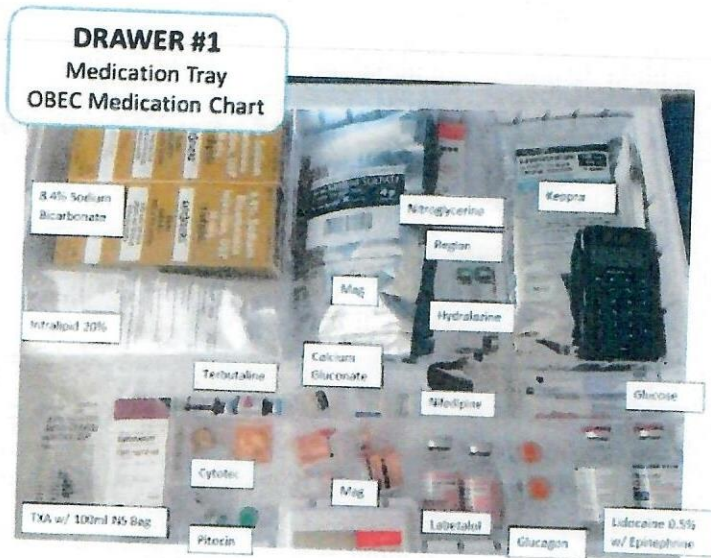
OB Emergency
Cart



Top of Cart
OB Emergency Checklists
Scale w/ QBL Worksheet
Recording Sheet w/ Clipboard
Check-off Binder



Drawer #1: MEDICATIONS



Medication	Dose	Interval	Contra-indications	Adverse Effects	Comments
Oxytocin (Pitocin®)	IV: 30 units in 500 ml, bolus 3 units/3min IM: 10-20 Units	Repeat x1 bolus of 3 unit/3 min (Follow Postpartum Pitocin Protocol)	Hypersensitivity	IV push at high doses can cause hypotension. Water intoxication after prolonged use.	Unless an emergency, only use premixed solutions.
Methylergonovine (Methergine®)	IM: 0.2 mg	Q 1 hour	Hypertension, heart disease	Hypertension, seizure, headache, hypotension, nausea & vomiting	Avoid in patients with preeclampsia or preexisting hypertension. Must be refrigerated (36 -46° F)
Carboprost (Hemabate®)	IM: 0.25 mg	Every 15-90 min Total dose should not exceed 2 mg (8 doses of 0.25 mg)	Asthma, cardiovascular disease, renal impairment, hepatic disease, diabetes	Vomiting, diarrhea, nausea, temp increase >2°F, flushing	Concurrently treat with antidiarrheal medication. Must be refrigerated (36 -46° F)
MiSOPROStol (Cytotec®)	PR: 800-1000 mcg	>2 hours between first and second dose	History of allergy to prostaglandins	Pyrexia, shivering/chills, nausea & vomiting	
Tranexamic acid (Cyklokapron®)	IV: 1 gram in 100 ml NS over 10 min (600 ml/hr)	Repeat Second dose at 30 min	Thromboembolism, DIC, use with caution in renal impairment	Visual abnormalities, hypotension, nausea & vomiting, diarrhea	Give in separate line from blood products
NIFEdipine	**PO: 10mg	Repeat BP in 20 min, give 20 mg PO.	Hypersensitivity, hypotension	Flushing, peripheral edema, headache, dizziness, nausea	Immediate and extended releas
Labetalol	**IV: 20, 40, 80, 80 mg over 2 min PO: 200 mg	Escalating dose repeat q 10 min	Asthma, heart failure, neonatal bradycardia	Hypotension, dizziness, fatigue, nausea	Do not exceed 220 mg in 24 hr
HydrALAZINE	**IV: 5-10 mg over 2 min	Repeat q 20 min until target BP reached	Hypersensitivity	Hypotension, palpitations, tachycardia, nausea & vomiting	Do not exceed 25 mg in 24 hrs
Magnesium sulfate	IV: 4-6 gram Loading dose over 20min IM: 10 grams (5 grams in each buttock)	1-2 grams/hr continuous infusion Additional 2 gram bolus for recurrent seizure	Pulmonary edema, renal failure, myasthenia gravis	Flushing, hypotension, vasodilation	2 RN check

Medication	Dose	Interval	Contra-indications	Adverse Effects	Comments
Oxytocin (Pitocin®)	IV: 30 units in 500 ml, bolus 3 units/3min IM: 10-20 Units	Repeat x1 bolus of 3 unit/3 min (Follow Postpartum Pitocin Protocol)	Hypersensitivity	IV push at high doses can cause hypotension. Water intoxication after prolonged use.	Unless an emergency, only use premixed solutions.
Methylergonovine (Methergine®)	IM: 0.2 mg	Q 1 hour	Hypertension, heart disease	Hypertension, seizure, headache, hypotension, nausea & vomiting	Avoid in patients with preeclampsia or preexisting hypertension. Must be refrigerated (36 -46° F)
Carboprost (Hemabate®)	IM: 0.25 mg	Every 15-90 min Total dose should not exceed 2 mg (8 doses of 0.25 mg)	Asthma, cardiovascular disease, renal impairment, hepatic disease, diabetes	Vomiting, diarrhea, nausea, temp increase >2°F, flushing	Concurrently treat with antidiarrheal medication. Must be refrigerated (36 -46° F)
MISOPROSTol (Cytotec®)	PR: 800-1000 mcg	>2 hours between first and second dose	History of allergy to prostaglandins	Pyrexia, shivering/chills, nausea & vomiting	
Tranexamic acid (Cyklokapron®)	IV: 1 gram in 100 ml NS over 10 min (600 ml/hr)	Repeat Second dose at 30 min	Thromboembolism, DIC, use with caution in renal impairment	Visual abnormalities, hypotension, nausea & vomiting, diarrhea	Give in separate line from blood products
Nifedipine	**PO: 10mg	Repeat BP in 20 min, give 20 mg PO.	Hypersensitivity, hypotension	Flushing, peripheral edema, headache, dizziness, nausea	Immediate and extended releas
Labetalol	**IV: 20, 40, 80, 80 mg over 2 min PO: 200 mg	Escalating dose repeat q 10 min	Asthma, heart failure, neonatal bradycardia	Hypotension, dizziness, fatigue, nausea	Do not exceed 220 mg in 24 hr
HydrALAZINE	**IV: 5-10 mg over 2 min	Repeat q 20 min until target BP reached	Hypersensitivity	Hypotension, palpitations, tachycardia, nausea & vomiting	Do not exceed 25 mg in 24 hrs
Magnesium sulfate	IV: 4-6 gram Loading dose over 20min IM: 10 grams (5 grams in each buttock)	1-2 grams/hr continuous infusion Additional 2 gram bolus for recurrent seizure	Pulmonary edema, renal failure, myasthenia gravis	Flushing, hypotension, vasodilation	2 RN check

Drawer #2: IV / BLOOD DRAW



Drawer #3: IV TUBING/ FLUID

DRAWER #3

IV Tubing
Blood Tubing
IV Fluids
Pressure Bag



Drawer #4: BAKRI/ FOLEY

DRAWER #4

Bakri Balloon
Foley Catheter
Vaginal Packing Supplies



Drawer #5: SUTURES / INSTRUMENTS



Drawer #6: GLOVES / Misc. SUPPLIES



Obstetric Emergency Cart Inventory					
Item	Qty	Exp/Int	Item	Qty	Exp/Int
Top of Cart					
Scale ECN#	1		OB Emergency Checklists	1	
Checkoff Binder	1		Recording Sheet & QBL Worksheet	1	
Drawer 1 – Medication Tray					
Medication Tray #	1		Tag #1	Tag #2	
Drawer 2 – IV, Blood Draw & Medication Administration					
Pitocin 10 unit vial	2		Vacutainers (purple, blue, red, green, gray, yellow)	5 ea.	
Cytotec 1,000 mcg	2		3 mL Normal Saline Flush	4	
Alcohol Pads	20		10 mL Normal Saline Flush	4	
2x2 Gauze	10		1 mL Syringe	4	
1" Silk Tape	1		3 mL Syringe	4	
1" Plastic Tape	1		5 mL Syringe	4	
Biohazard Bags (small for labs)	4		10 mL Syringe	4	
Saline Lock	4		12 mL Control Syringe	2	
Tourniquet	4		18G 1.5" Needle	4	
16G IV	4		22G 1.5" Needle	4	
18G IV	4		Filter Needle	4	
20G IV	4		Blank Medication Labels	10	
23G Butterfly Needle	4		Dry Erase Marker	1	
Vacutainer Needles	4		Scalpel	2	
Vacutainer Hub	4		IV Start Kit	2	
Tagaderm	4				
Drawer 3 – IV Tubing & Fluids					
Primary IV tubing	2		Blood Tubing	2	
Extension Tubing	2		Y- Tubing Blood Set w/ Pump	2	
Secondary Tubing	2		0.9% Sodium Chloride 1 Liter	2	
Fluid Pressure Bag	1		0.9% Sodium Chloride 100 mL	2	
Drawer 4 – Bakri Supplies, Bladder Catheters, Packing Materials					
Bakri Balloon	2		0.9% Sodium Chloride 1 Liter	1	
Vaginal Pack (Radiopaque gauze)	4		Foley Catheters with Urine Meter	2	
Black Wrist Band	2		60 mL Syringe	2	
Premarin Cream (45g tube)	2		Oxygen Mask	1	

Drawer 5 – Suture & Instruments					
Sutures					
0 vicryl UR-6	4		4-0 vicryl SH	4	
0 vicryl CT-1	4		2-0 PDS CT-1	4	
2-0 vicryl CT	4		3-0 PDS CT-1	4	
2-0 vicryl CT-1	4		2-0 PDS CT-2	4	
3-0 vicryl CT	4		#1 monocryl, CTX	2	
3-0 vicryl CT-1	4		#1 chromic, CTX	2	
Instruments					
Right Angle Retractor	1		Kelly Curved Clamps	2	
Brieske Retractor	1		Long Russian Forceps	1	
Sims Retractor	1		Banjo Curette	1	
Speculum	1		Ring Forceps	2	
Weighted Speculum	1		Bair Hugger	2	
Long Needle Holder	1		SCD's	1	
Long Mayo Scissors	1		Needle Counter	1	
Drawer 6 – Gloves & Misc. Supplies					
Sterile Gloves (Sizes 6.5, 7, 7.5, 8)	3 ea.		Surgiflo	1	
Pack of 5 Laps	2		Floseal	1	
Sterile Blue Surgical Towels (6 pack)	1		Surgicel SNoW / Gelfoam	1	
Lubricating Jelly	10		Arista	1	
Sterile Cover (X-ray Cassette Drape/Mayo Stand Cover)	2		10/10 Drape	2	
Ioban Incise Drape	2		Reflex Hammer	1	
Cesarean Under Local Anesthesia Kit (2 – 60 mL Syringes, 2 – 18G Needle, 2 – 24G Spinal Needle, Mini Checklist)	1 kit		Flashlight or Penlight	1	
			Jackson-Pratt Drains	3	
			OR Bouffant Hat	10	
			OR Masks	10	

Inventory Completed by _____ Date _____ Tag # _____

Obstetric Emergency Cart Medication Tray Inventory			
Medication Tray # _____	Tag #1 _____	Tag #2 _____	
Medication			
Medication	Expiration Date (Day/Month/Year)	Qty	Initials
8.4% Sodium bicarbonate 50 mL syringe		2	
Intralipid 20% 250 mL bag		1	
NaCl 0.9% 100 mL bag		1	
Tranexamic acid 1000 mg/10 mL		1	
Terbutaline 1 mg/mL vial		2	
Magnesium sulfate 4g/50 mL bags		3	
Calcium gluconate 1g/10 mL vial		2	
Magnesium sulfate 5 gm/10 mL vial		2	
Nitroglycerine 0.4 mg/dose spray		1	
Metoclopramide 10 mg/2 mL vials		2	
Hydralazine 20 mg/mL vial		2	
Nifedipine 10 mg capsules		6	
Labetalol 100 mg/20 mL vial		2	
Levetiracetam 500 mg/100 mL bags		2	
Glucose 15 gm		2	
Glucagon 1 mg/vial		2	
Lidocaine 0.5% and epinephrine 1:200,000 50 mL vials		2	
Other Items			
Calculator		1	
OBEC Medication Chart		1	
Patient Labels		1	
Medication Tray Utilization Form		1	

Filled by: _____ Date _____

Checked by: _____ Date _____

Tray Expiration Date: _____

(Day/Month/Year)

Obstetric Emergency Cart Ordering Information				
Item	Description	Item #	Company	Quantity
Purple Crash Cart	Premier Aluminum 30" 6-Drawer Breakaway Locking Emergency Cart, Lavender	#PBL-L-30	Armstrong Medical	1
Medication Tray	Full-Size Crash Cart Box w/ Amber Slide-In Lid	#1850	Health Care Logistics	1
Tags for Medication Tray/Cart	Easy Pull-Tight Seals, Numbered	#18319	Health Care Logistics	100
Tray for Drawer 2 & 3	Modular Drawer Tray	#AMT-7N	Armstrong Medical	2
Tray for Drawer 4(1) & 6(2)	Divisible Drug Tray, 5" Deep	#AC-672S	Armstrong Medical	3
Divider for Tray Drawer 4(1) & 6(1)	Long Divider for AC-672S	#AC-690S	Armstrong Medical	2
Divider for Tray Drawer 4(1) & 6(7)	Short Divider for AC-672S	#AC-685S	Armstrong Medical	8
Divider for Drawer 5	Plastic Divider Set for 6" Drawer	#AEF-6	Armstrong Medical	1
Supplies				
Alcohol Pads	ALCOHOL PAD	40000-110.	COVIDIEN	20
2x2 Gauze	GAUZE 2X2 UNSTERILE	KC2252	DERMA SCIENCES	10
1" Silk Tape	1" Silk Tape			1
1" Plastic Tape	1" Plastic Tape			1
Biohazard Bags (small for labs)	Biohazard Bags (small for labs)			1
Saline Lock	"Saline Lock" CLEAR NEUTRAL CONNECTOR STERILE	MC100	ICU MEDICAL	4
Tourniquet	(S) TOURNIQUET, 1X18 DISPOSA TIE TYPE L	QB10264	HYGENIC	4
16G IV	NDL,PROTEC,16GA,1.25	T425258602	B BRAUN	4
18G IV	CATH IV 18GX1 1/4 PROTECTIV +	TM4251687	B BRAUN	4
20G IV	CATH IV 20GX1" ACCU	TM4252543	B BRAUN	4
23G Butterfly Needle	"23G Butterfly Needle" VACUTAINER, PUSH BUTTON BLOOD COLLECTION SET 23GX3/4"X12"	367342	BD	4
Vacutainer Needles	(S) ADPTR, LUER F/VACTAINER HLDER STER/D	B3035-12	BD	4
Vacutainer Hub	NDLE BLD COLL 22GX1"	368607	BD	4
Tagaderm	DRESSING 3000 2X3/4	M1614	3M	4
Vacutainers (purple, blue, red, green, gray, yellow)	TUBE, VACUUM BLOOD COLLECTION SAFETY TOP PLASTIC RED PULL OFF 6ML CLOT ACTIVATOR 13X100 PAPER LABEL	456089	GREINER BIO-ONE	5 ea.
	TUBE, VACUUM BLOOD COLLECTION K OXALATE/NAFL 4ML GREY 13X75 PAPER LABEL	454297	GREINER BIO-ONE	
	TUBE, VACUUM BLOOD COLLECTION PST SAFETY TOP PLASTIC GREEN PULL CAP 3ML LIHEP DRY 13 X 75 PAPER LABEL	454247	GREINER BIO-ONE	
	TUBE, VACUUM BLOOD COLLECTION SAFETY TOP PLASTIC LAVENDER PULL OFF 4ML K2 EDTA DRY 13X75 PAPER LABEL	454209	GREINER BIO-ONE	
	TUBE, VACUUM BLOOD COLLECTION SAFETY TOP PLASTIC BLU PULL OFF 2.7ML NACIT 13X75 PAPER LABEL	454334	GREINER BIO-ONE	
	TUBE, VACUUM BLOOD COLLECTION SAFETY TOP PLASTIC GOLD PULL OFF 5ML CLOT ACTIVATOR 13X100 PAPER LABEL	456018	GREINER BIO-ONE	
3 mL Normal Saline Flush	SYRINGE, SODIUM CHLORIDE 0.9% SYRINGE 3ML	BF306544	BD	4
10 mL Normal Saline Flush	SYRINGE, SODIUM CHLORIDE 0.9% INJECTION USP 10ML PREFILLED SYRINGE LATEX FREE 120S	BF306500	BD	4
1 mL Syringe	SYRINGE, HYPODERMIC PLASTIC 1ML LUER LOCK TIP STERILE	BF309628	BD	4
3 mL Syringe	SYRINGE, HYPODERMIC PLASTIC 3ML LUER LOCK TIP STERILE 0.1ML INCREMENTS	309657	BD	4
5 mL Syringe	SYRINGE, HYPODERMIC PLASTIC LATEX-FREE 5ML LUER LOCK TIP STERILE	BF309646A	BD	4
10 mL Syringe	SYRINGE, HYPODERMIC PLASTIC 10ML LUER LOCK TIP STERILE	302995	BD	4
12 mL Control Syringe	SYRINGE, HYPODERMIC PLASTIC 12ML LUER LOCK CONTROL STERILE 0.2ML INCREMENTS	81-512977B	COVIDIEN	2
18G 1.5" Needle (2 for C-Section Under Local Kit)	NEEDLE, HYPODERMIC SAFETY PLASTIC 18GA 1 1/2INL	81-850815A	COVIDIEN	6

22G 1.5" Needle	NEEDLE, HYPODERMIC SAFETY PLASTIC 22GA 1 1/2INL BEVEL-TRI REGULAR STERILE	81-850215A	COVIDIEN	4
Filter Needle	NEEDLE, HYPODERMIC FILTER 19GA 1INL	FN5019	COVIDIEN	4
Blank Medication Labels	LABEL, "MEDICATION ADDED," 2-1/2" X 500"	N-200	PDC HEALTHCARE	10
Dry Erase Marker	MARKER, EXPO - DRY ERASE MARKERS, COLOR SETS - I	83073	EMALL	1
Scalpel	SCALPEL, DISPOSABLE #10 STERILE SAFETY G	BC372610	ASPEN SURGICAL PRODUCTS	2
IV Start Kit	KIT, IV START KIT W/ CHG, STERILE	3267C	LSL INDUSTRIES	2
Primary IV Tubing	Primary IV tubing SMARTSITE INFUSION SET, ALARIS PUMP MODULE	2420-0500	CAREFUSION	2
Extension Tubing	Extension Tubing SMARTSITE EXTENSION SET, NEEDLE-FREE VALVE	30202E	CAREFUSION	2
Secondary Tubing	Secondary Tubing SECONDARY SET	72213N	CAREFUSION	2
Fluid Pressure Bag	Fluid Pressure Bag		CAREFUSION	2
Blood Tubing	Blood Tubing SMARTSITE BLOOD INFUSION SET, ALARIS PUMP MODULE	2477-0000	CAREFUSION	1
Y- Tubing Blood Set w/ Pump	Y- Tubing Blood Set w/ Pump PRIMARY Y-TYPE BLOOD SET, 200 MICRON FILTER, BULB PUMP, CLAVE Y-SITE, SECURE LOCK, 80"	12435-02	LIFESHIELD	2
0.9% Sodium Chloride 1 Liter				2
0.9% Sodium Chloride 100 mL				2
Bakri Balloon	COOK BAKRI POSTPARTUM BALLOON WITH RAPID INSTILLATION	G24237	COOK MEDICAL	2
Vaginal Pack (Radiopaque gauze)	PACKING, VAGINAL PACKING, XRAY, RFD, 4"x72", LOOP, FOLDED, STRL, DISP	VPK-0472C-F	RF SURGICAL SYSTEMS	4
Black Wrist Band	WRISTBAND, TYVEK BLACK WRISTBANDS X500	NTS-20-PDM	CARDINAL HEALTH	2
0.9% Sodium Chloride 1 Liter	SOL NSS 1000ML IV CHM	338004904	BAXTER INTL	1
Foley Catheters with Urine Meter	TRAY FOLEY CATHETER WITHOUT DRAIN BAG SURESTEP SILICONE OD 16FR URINE METER ACUTE STATLOCK STABILIZATION DEVICE LATEX FREE	A902416	C.R. BARD	2
60 mL Syringe (2 for C-Section Under Local Kit)	SYRINGE HYPODERMIC PLASTIC 60ML ECCENTRIC TIP STERILE	8881560182	COVIDIEN	4
Oxygen Mask	O2 MASK,NOBREATH,ADU	1059	HUDSON RCI	1
Bair Hugger	Multi-Position Upper Body Warming Blanket	62200	3M	2
SCD's	Knee Length, express Sleeves	9529	COVIDIEN	1
Needle Counter	Needle Counter, 1842 Foam Block	31142402	COVIDIEN	1
Sterile Gloves (Sizes 6.5, 7, 7.5, 8)	GLOVE SURGICAL STERILE SYNTHETIC POWDER	41165	MOLNLYCKE HEALTH CARE	3
	BIOGEL PI ULTRATOUCH GLOVE, SIZE 7	41170	MOLNLYCKE HEALTH CARE	3
	GLOVE SURGICAL STERILE SYNTHETIC POWDER-	41175	MOLNLYCKE HEALTH CARE	3
	GLOVE SURGICAL STERILE SYNTHETIC POWDER	41180	MOLNLYCKE HEALTH CARE	3
Pack of 5 Laps	STERILE LAP SPONGES, PRE-WASHED, X-RAY AND RF DETECTABLE, 18X18", 4-PLY, 100% COTTON	L1818-04P01C-1	RF SURGICAL SYSTEMS	2
Sterile Blue Surgical Towels (6 pack)	BLUE OR TOWEL NON X-RAY DETECTABLE, 6 TOWELS PER PACK	AVID266	MANUS MEDICAL	1
Lubricating Jelly	JELLY, RM LUBE JELLY 5GM FOILPK 144	LUB-5PK144	ASSURAMED	10
Sterile Cover (X-ray Cassette Drape/Mayo Stand Cover)	COVER, MAYO STAND 23INW 54INL REINFORCED	88665	HALYARD HEALTH	2
Ioban Incise Drape	DRAPE, INCISE ANTIMICROBIAL 23 X 17IN	M6650EZ	3M	2
24G Spinal Needle				2
Surgiflo	KIT HAEMOSTATIC MATRIX SURGIFLO WITH THR	2994	ETHICON	1
Floseal	KIT, FLOSEAL HEMOSTATIC MATRIX WITH NEED	1503352	BAXTER INTL	1
Surgicel SNoW / Gelfoam	SURGICEL CELL 3 X 4 INCH	JJ1943	ETHICON	1
Arista	AGENT HEMOSTATIC BLOOD DERIVAT	SM0002-USA	C.R. BARD	1
10/10 Drape	STERI-DRAPE, 1010, 17X23"	0086 OR D-41453	3M	2
Reflex Hammer	WITROE REFLEX HAMMER	81508001	RICHARDSON PRODUCTS	1
Flashlight or Penlight	"Jackson-Pratt Drain" 100CC SILICONE EVACUATOR	DYNJWE1305	MEDLINE	1
Jackson-Pratt Drains	PENLIGHT, TMT PLX PENLIGHT -BLACK 019, S	53028-019	GSA ADVANTAGE	3