



LABOR AND DELIVERY

When Safety and Reliability Matter Most



UTAH MEDICAL PRODUCTS

FEMCARE



Accurate, consistently reliable information about uterine activity is essential to following ACOG guidelines for managing high risk labor and achieving a safe delivery. **When the timing and dose of interventions matters most, you need data you can trust.**

INTRAN® PLUS

Intrauterine Pressure Catheter (IUPC)

Proven Accurate, Reliable and Safe in Over Six Million Higher Risk Deliveries

Transducer-Tipped Design

Unlike other IUPC's, Intran® Plus is designed with a single-use, sensitive pressure transducer at the tip of each catheter that is placed inside the uterus. Every transducer is pre-calibrated in Utah Medical Products' (UTMD's) own manufacturing facility to ensure precision and accuracy. Placement of the transducer inside the uterus results in the most accurate tracings since the pressure conversion occurs at the intrauterine source.

The pressure transducer of Intran® Plus is encapsulated within a soft boot designed for safe placement. Contact with maternal or fetal tissues does not obstruct the intrauterine pressure detection.

Accurate assessment of uterine contraction intensity (resting tones and peak pressures) along with frequency and duration results in clinician confidence, timely interventions, reduced risk of improper oxytocin dosage and better patient outcomes. When the total cost of patient care including the avoidance of complications is considered, **Intran Plus provides the highest delivered value.**

Even one avoidable complication is too many.

The FDA MAUDE database (<http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfmaude/search.cfm>) does not contain any reports of patient injury when an Intran Plus IUPC was used, unlike multiple serious injuries and deaths when Koala was used.



Amniolumen

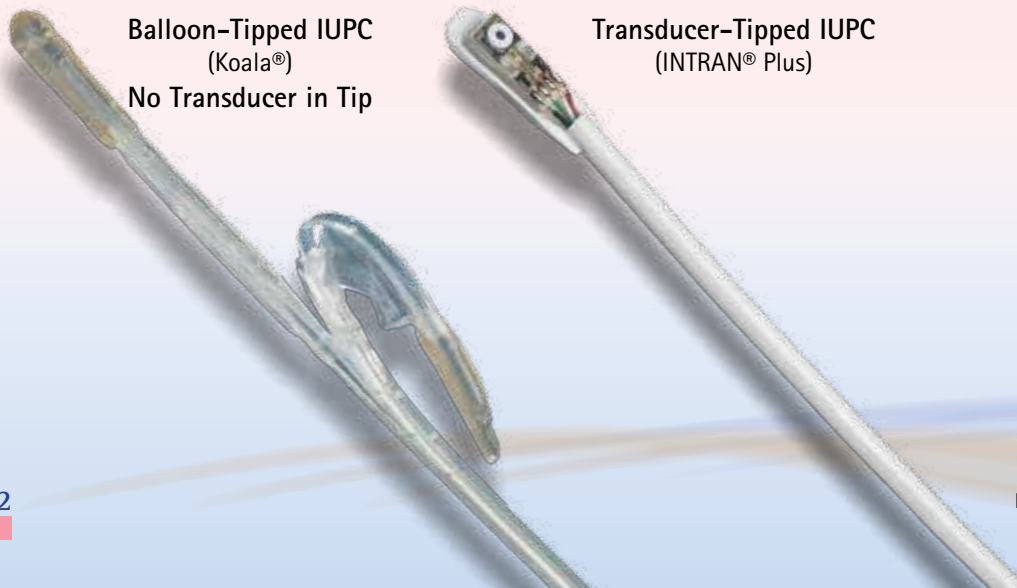


Re-Zero Switch on Catheter



Balloon-Tipped IUPC
(Koala®)
No Transducer in Tip

Transducer-Tipped IUPC
(INTRAN® Plus)



SensaFlex™ Tubing



Tubing Cross-Section



Insertion Tactility and Safety

In addition to accurate contraction intensity monitoring, which is the primary reason for using an IUPC, Intran® Plus is designed with SensaFlex™ tubing that optimizes insertion safety. SensaFlex™ is a tactile catheter material that is stiff enough to allow insertion while maintaining the pliability necessary to avoid unwanted injuries. Combined with the soft, blunt tip of Intran® Plus, SensaFlex™ allows clinicians to sense tissue obstructions prior to causing injury.

Dual Lumen Design and Amnioinfusion

"Amnioinfusion is sometimes used to attempt to resolve variable FHR decelerations during the first stage of labor by alleviating umbilical cord compression as a result of oligohydramnios. Amnioinfusion has been found to significantly resolve patterns of variable decelerations..." (KR Simpson and P Creehan in conjunction with AWHONN, Perinatal Nursing, Edition 3). "In addition to decreasing the recurrence of variable decelerations, amnioinfusion has been shown to decrease the rate of cesarean delivery for abnormal FHR patterns." (ACOG Practice Bulletin No 116, November 2010) The dual lumen design of Intran Plus allows simultaneous monitoring of uterine contractions and baseline readings while amnioinfusing.

Clinician Preference Options

Tip Size and Shape

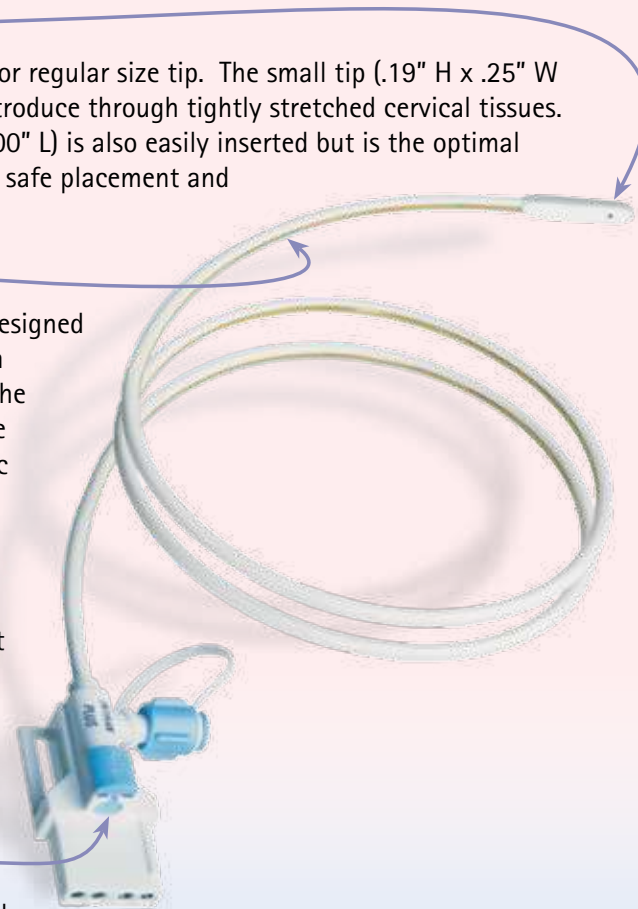
Intran Plus is available with a small or regular size tip. The small tip (.19" H x .25" W x .90" L) may be slightly easier to introduce through tightly stretched cervical tissues. The regular tip (.25" H x .30" W x 1.00" L) is also easily inserted but is the optimal size, shape and softness to facilitate safe placement and avoidance of patient tissue injury.

Amniotic Fluid Visualization

All Intran® Plus configurations are designed with a clear covering over the lumen used for amnioinfusion, also called the Amniolumen. Clinicians may use the clear Amniolumen to assess amniotic fluid return upon IUPC placement or for visualization of fluid during the course of labor. Some Intran® Plus configurations include the Amnio View Port that provides a convenient means of amniotic fluid color visualization. The Amnio View Port color scale facilitates observation of changes in the presence of meconium over time.

Re-Zero Capability Location

The Intran® Plus IUPC system typically requires only an initial monitor zeroing procedure. However, a convenient method for re-zeroing the system is provided either with a button on the reusable cable or a switch on the catheter itself.



INTRAN® Tip Choices



Meconium View Port



Re-Zero Button on Cable



INTRAN® PLUS

Intrauterine Pressure Catheter (IUPC)

Intran® Plus Configurations

Order Number	Tip Size	Location of Zeroing Capability	Amnio-Lumen	Meconium Viewport	Packaging Quantity
IUP-400	Regular	Catheter	Yes	No	10/box
IUP-450	Small	Catheter	Yes	No	10/box
IUP-500	Regular	Catheter	Yes	Yes	10/box
IUP-550	Small	Catheter	Yes	Yes	10/box
IUP-600	Regular	Cable	Yes	No	10/box
IUP-650	Small	Cable	Yes	No	10/box
IUP-700	Regular	Cable	Yes	Yes	10/box
IUP-750	Small	Cable	Yes	Yes	10/box



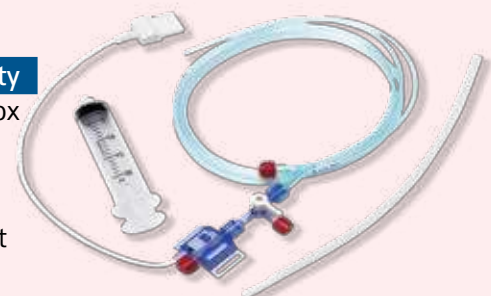
Interface Cables

Fetal Monitor	Catheter Zero	Cable Zero
Philips Avalon	650-240	650-640
Philips Avalon (Grey Colored)	650-240G	
HP/Philips 8030A	650-207	
HP/Philips 8040A 50IX/XM, M1350A/B	650-205	650-605
GE/Corometrics Monitors	650-231	650-631

Fluid-Filled IUPC

Where frequency and duration of contractions are the sole focus of monitoring, or when use of external monitoring devices is not possible such as with the obese patient, UTMD provides fluid-filled intrauterine pressure catheters. This "Koala-type" device uses a fluid channel to mechanically transmit intrauterine pressure to a remote transducer.

Order No.	Description	Quantity
IUP-075	78" double lumen fluid-filled IUPC w/ 20cc syringe	10/box



Fetal Monitoring Chart Paper

UTMD provides fetal monitor chart paper for keeping permanent records of fetal heart rate and intrauterine pressure tracings during labor and delivery.

Order No.	Monitor	Quantity
R3845789	GE/Corometrics Monitors	40/box
R8654772	Philips/HP 8020/21/30/31/32/40/41A 8025A/B 8032A/B	40/box
R7625114	Philips Avalon, HP/ Philips MI1350A/B, MI1351A/B, MI1353A/B, M2702A, M2703 A, 50 Series	40/box

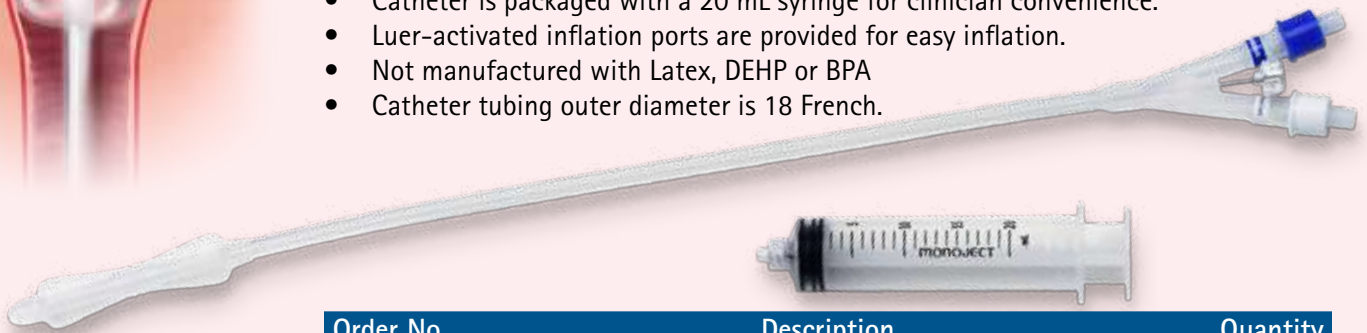


CVX-RIPE®

Cervical Ripening Balloon

UTMD's CVX-Ripe® cervical ripening balloon catheter is designed to mechanically improve the favorability of the cervix of patients at term gestation, for whom induction of labor is medically indicated. CVX-Ripe utilizes two adjacent conical silicone balloons that, when inflated, are similar to the shape of an hourglass. This design is intended to allow the clinician to gently apply pressure to both internal and external os while simultaneously applying pressure within the cervical canal.

- Conical shaped balloons, designed with no gap in between, form an hourglass shape when placed in the patient and inflated.
- Soft, silicone "nose" and catheter body is combined with a pliable stylet to balance patient safety with ease of insertion.
- Catheter is packaged with a 20 mL syringe for clinician convenience.
- Luer-activated inflation ports are provided for easy inflation.
- Not manufactured with Latex, DEHP or BPA
- Catheter tubing outer diameter is 18 French.



Order No.	Description	Quantity
CVX-100	CVX-Ripe Cervical Ripening Catheter	10/box

AROM-COT®

A Patient Friendly Choice for Amniotomy

UTMD's AROM-COT® is a latex-free amniotome which allows for greater ease of use and precision. Its design allows easy and effective amniotomy with less patient pain and anxiety.

- **Less Pain** - Single finger insertion with no rigid instrumentation.
- **Less Patient Anxiety** - Instrumentation may cause significant patient anxiety. Use of AROM-COT is similar to a familiar vaginal exam.
- **Exact Placement** - It is possible to feel exactly where the hook is applied, avoiding damage to surrounding tissue.
- **Lithotomy Position Unnecessary** - Since the finger is a flexible instrument, lithotomy is not necessary even with a posterior cervix.
- **Precise Orientation** - The teardrop shape of the hook indicates the orientation.
- **Latex Free**



Order No.	Description	Quantity
AR100	AROM-COT, Latex-Free finger cot, Small	100/box
AR200	AROM-COT, Latex-Free finger cot, Medium	100/box

BT-CATH®

Balloon Tamponade Catheter for Postpartum Hemorrhage

Simple and Timely When it's Needed

"The advantages of using balloon tamponade include its ease of use, rapid replacement, immediate results, and ability to measure further bleeding after the catheter is placed." (Dabelea et al. Am J Perinatal 2007:24;6 p.363)

ACOG recommends that, "When treating postpartum hemorrhage, it is necessary to balance the use of conservative management techniques with the need to [timely] control the bleeding and achieve hemostasis." (ACOG Practice Bulletin No. 76, Oct. 2006) **A systematic, stepwise approach to managing postpartum hemorrhage includes the use of BT-Cath.**



The soft, silicone material of the BT-Cath balloon allow it to contour to the internal uterine shape. A recessed drainage port, with no protruding tubing, facilitates safe and reliable catheter placement while facilitating evaluation of blood loss.

Catalog number BTC-100 is packaged with a bag spike, two syringes, and a catheter equipped with a syringe activated port which eliminates any need to repeatedly open and close a stopcock.

BT-CATH® with EASY-FILL™

Simple, single-person balloon inflation system

"If pharmacological measures fail to control the haemorrhage, initiate surgical haemostasis sooner rather than later. Intrauterine balloon tamponade is an appropriate first-line surgical intervention for most women..." (Prevention and Management of Postpartum Haemorrhage, RCOG Greentop Guideline No. 52, May 2009)

BT-Cath with EasyFill is optimal when a single person is responsible for inflation or when a closed system is desired.

The BT-Cath EasyFill inflation system includes a syringe and tubing set. EasyFill allows fluid to be drawn directly from a fluid bag through tubing, where it is continuously infused into the balloon without disconnecting the syringe or turning a stopcock.



Order No.	Description	Quantity
BTC-100	BT-Cath, Balloon Tamponade Catheter (Includes: Two 60 mL syringes and one Bag Spike. Expires 5 years from date of sterilization)	2/box
BTC-ESY	BT-Cath Balloon Tamponade Catheter (Includes: EasyFill Inflation System. Expires 5 years from date of sterilization)	2/box

FETAL MONITORING ABDOMINAL BELTS

Focus on Patient Monitoring

UTMD is pleased to provide fetal monitoring abdominal belts and bands designed specifically for bariatric patients.

Single-Use Bari-Belt™ and Bari-Band™

When external electronic fetal monitoring with a tocodynamometer and/or doppler device is indicated, UTMD's Bari-Band and Bari-Belt are latex free and provide a secure yet comfortable fit for larger patients.

Bari-Belt is 50% longer and three times the width of UTMD's standard button-hole belts. The Bari-Belt design accommodates all patient sizes while avoiding rolling, folding and patient discomfort. Four larger sized Bari-Bands are available which maximize patient comfort and clinician convenience.



Single-Use Bariatric Bands and Belt

Order No.	Description	Quantity
ABC-7012	Bari-Band, Regular (blue stripe)	50/box
ABC-7014	Bari-Band, Large (orange stripe)	50/box
ABC-7016	Bari-Band, X-Large (green stripe)	50/box
ABC-7018	Bari-Band, XX-Large (purple stripe)	50/box
ABC-7072	Bari-Belt, 72" length with two button clasps	50/box



ABC-4220

Toco Abdominal Belts

The Abcorp™ family of tocodynamometer belts is engineered to provide maximum comfort to the patient. The latex-free abdominal belts are available in a variety of materials and configurations to accommodate clinician preferences.

Single-Use Button Hole Abdominal Belts

For HP/Philips fetal monitoring systems.

Order No.	Description	Quantity
ABC-4220	Abdominal Button Hole Belt, Pink & Blue	100/box
ABC-4221	Abdominal Button Hole Belt, Pink & Blue w/ Clasp	100/box
ABC-4425	Abdominal Button Hole Belt, Beige, 17 yrd roll	5 rolls/box

Single-Use Hook and Loop Strap Abdominal Belts

For GE/Corometrics monitoring systems.

Order No.	Description	Quantity
ABC-3240	Extra-Plush Elastic Belt w/ Hook and Loop Strap, Pink & Blue	100/box
ABC-6400	Soft Elastic Belt w/ Hook and Loop Strap, Pink & Blue	100/box
ABC-1370	Soft Foam Belt w/ Hook and Loop Strap, Pink & Blue	150/box



ABC-4221



ABC-4425



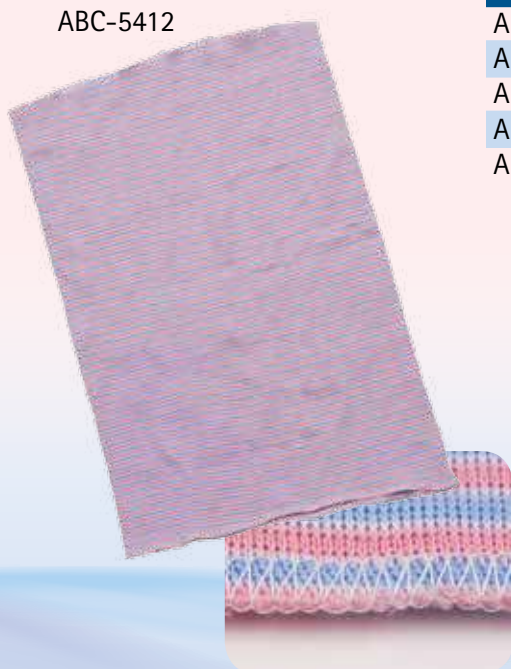
ABC-3240

ABC-6400

ABC-1370

Other Cloth Accessories

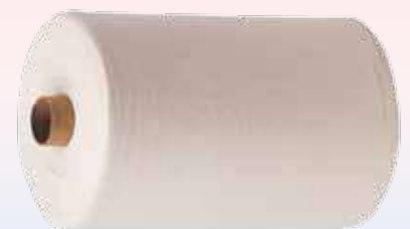
Order No.	Description	Quantity
ABC-5412	Precut, 12" x 16" Stockinette, Pink & Blue Striped	50/box
ABC-5112R	Uncut Stockinette Roll, 12" x 33', Beige	1 roll/box
ABC-2362	Elastic Mesh Belts, White, Requires Buckle	100/box
ABC-6300	Baby Beanies, Unisex, Pink & Blue Striped	100/box
ABC-1373	Foam Circumcision Straps w/ Hook and Loop Fastener, Blue	100/box



ABC-5412



ABC-2362



ABC-5112R



ABC-6300



ABC-1373

In a vacuum-assisted operative delivery, a hospital's exposure to lawsuits after an unwanted outcome is not reduced by simply limiting the VAD to one person. In fact, it may be increased since success depends primarily on the knowledge and skill of the practitioners involved. **When experience matters, two are better than one.**



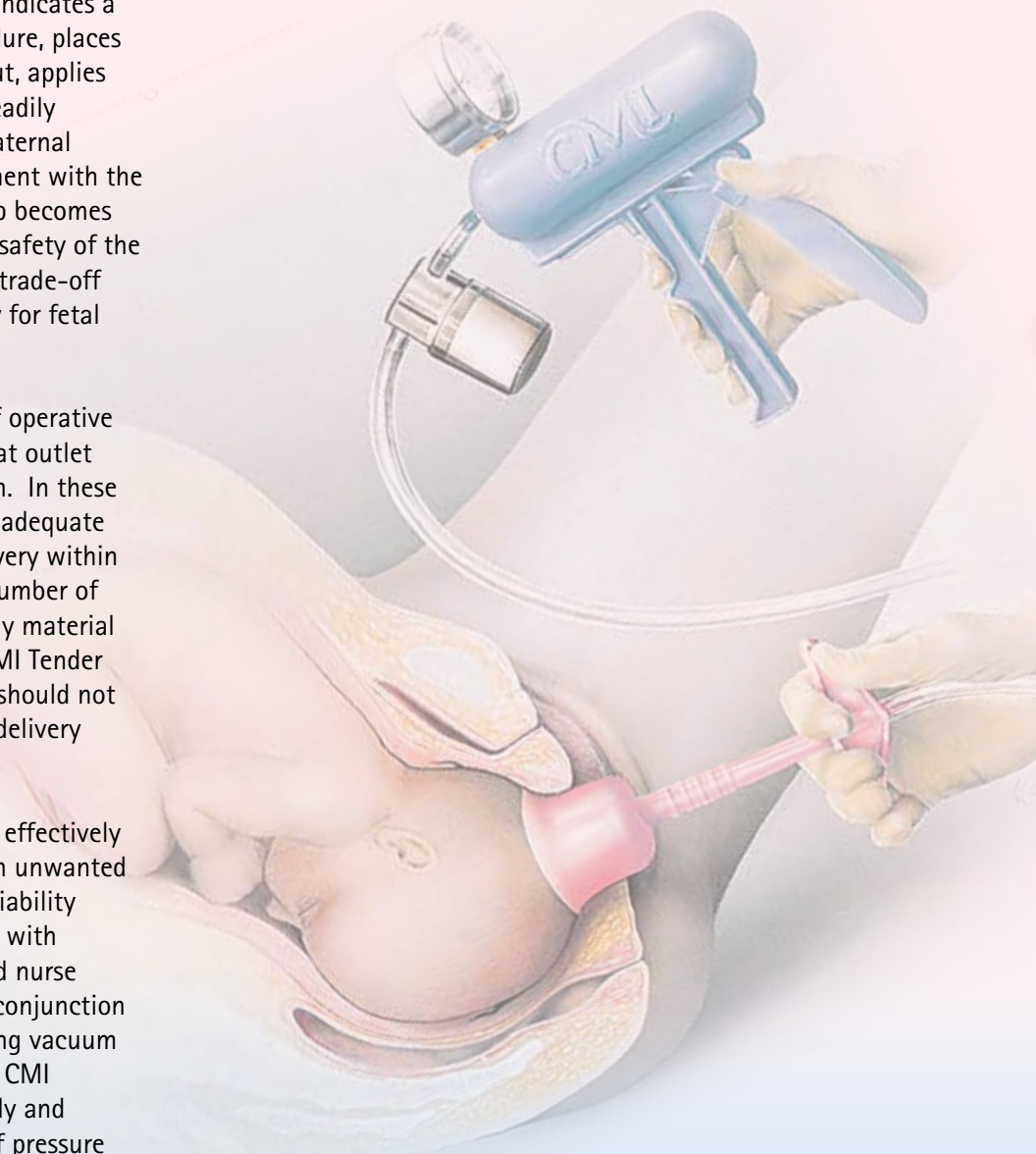
Vacuum Assisted Delivery Systems

Reducing Risk in Operative Delivery

If a well-trained physician correctly determines that fetal condition, station and position indicates a vacuum assisted operative delivery procedure, places a vacuum cup properly on the fetal occiput, applies vacuum within correct limits and pulls steadily in conjunction with the rise and fall of maternal contractions in a vector of force in alignment with the maternal spine, then the design of the cup becomes the most important consideration for the safety of the patient. Cup rigidity and shape creates a trade-off between allowed tractive force and safety for fetal tissues.

By UTMD's estimate, in more than 90% of operative vaginal deliveries, the fetus is presenting at outlet station in an occiput anterior presentation. In these situations, since about any cup will allow adequate tractive force to achieve a successful delivery within accepted time constraints and limits on number of pulls, the cup with the most tissue-friendly material and shape should be used, which is the CMI Tender Touch®. The more challenging situations should not put the vast majority of vacuum assisted delivery patients at undue risk of injury.

It is also UTMD's opinion that risk is more effectively controlled by reducing the likelihood of an unwanted outcome rather than attempting to limit liability to a single clinician. Risk may be reduced with the procedure performed by a surgeon and nurse partnership, one performing the assist in conjunction with maternal effort and the other applying vacuum pressure within recommended limits. The CMI pump is designed to create pressure rapidly and smoothly, retain accurate measurement of pressure and to release pressure quickly and easily between contractions. UTMD's filter and trap helps prevent debris and bodily fluids from being drawn into the internal mechanism of the reused pump.





Tender Touch® Disposable Silicone Bell-Shaped Cups

CMI Tender Touch and Tender Touch Ultra disposable vacuum cups offer the most tissue friendly cup characteristics:

- Smooth, soft silicone bell-shaped construction helps minimize tissue trauma.
- Secure tractive capability provides consistent control in low and outlet fetal stations.
- Flexibility of cup promotes easier insertion and placement in OA position.
- Improved visibility through the cup aids in early detection of fetal scalp trauma and maternal tissue entrapment.
- "Posi-Grip" four-finger handle allows optimum leverage and control.
- 65 mL fluid trap reduces risk of pump contamination.
- Pre-packaged sterile and disposable.
- Compatible with existing manual and electric vacuum pumps.
- No latex or latex by-products.
- 4 foot connection tubing.

Tender Touch® Disposable Silicone Bell-Shaped Cups

Cup Specifications	303TT	303TTL	404TT	505TT	505TTL	506TTL
Cup Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Cup Depth	Standard	Standard	Deep	Standard	Standard	Standard
Rim Diameter	60mm	65mm	60mm	60mm	65mm	65mm
Vacuum Relief Valve	No	No	No	Yes	Yes	Yes*

*configured for use with electric pump - 6' tubing without fluid trap

Order No.	Description	Quantity
303TT	Ultra Cup (60 mm), silicone, with fluid trap	10/box
303TTL	Ultra Cup (65 mm), silicone, with fluid trap	10/box
404TT	Original CMI Cup (60 mm), silicone, with fluid trap	10/box
505TT	303TT with vacuum relief valve and fluid trap	10/box
505TTL	303TTL with vacuum relief valve and fluid trap	10/box
506TTL	Ultra Cup (65 mm), silicone, with vacuum relief valve Assembled with 6 ft. of tubing and female adapter. No fluid trap.	10/box



Soft Touch™ Disposable Polyethylene Bell-Shaped Cups

- Lower cost while still providing the safety of a bell-shaped cup.
- Beaded edge of cup helps protect against scalp lacerations.
- Safety and versatility of a baffled 65 mL fluid trap reduces risk of pump contamination (004CB and 004CNB only).
- Pre-packaged and disposable.
- Compatible with existing manual and electric vacuum pumps.
- No Latex or latex by-products.

Cup Specifications	003CB	004CB	004CNB
Color	Pink & Blue	Pink & Blue	Natural
Cup Material	Polyethylene	Polyethylene	Polyethylene
Cup Rim Diameter	60 mm	60 mm	60 mm
Fluid Trap	No	Yes	Yes

Order No.	Description	Quantity
003CB	60 mm Cup, beaded edge without fluid trap, pink & blue	10/box
004CB	60 mm Cup, beaded edge with fluid trap, pink & blue	10/box
004CNB	60 mm Cup, beaded edge with fluid trap, natural color	10/box



Vacuum Assisted Delivery Systems

Velvet Touch™ Reusable Silicone Bell-Shaped Cups

When a multiple use vacuum cup is desirable, Utah Medical offers the CMI Velvet Touch™.

- Smooth, soft silicone construction helps minimize tissue trauma.
- Deep bell shape enhances tractive capability for consistent control.
- Autoclavable.
- Compatible with all vacuum sources.

Cup Specifications	Velvet Touch™
Cup Material	Silicone
Handle Material	Hard-Anodized Aluminum
Cup Rim Diameter	65 mm
Trumpet Valve	Blue Polyetherimide
Sterilization	Autoclave

Order No.	Description	Quantity
202VT	Reusable Silicone Cup, 65 mm (includes 2 blue trumpet valves, non-sterile)	1 each
T202VT	Trumpet Valve Set, blue, autoclavable	10/box
TS202VT	Tube & Accessory Set, prepackaged, sterile. 6 ft. of tubing assembled with white trumpet valve, fluid trap and female adapter. Also included: 1 bushing and an elbow adapter.	10/box



Velvet Touch™ Cup

CMI™ Manual Vacuum Pumps

- Precalibrated, color-coded chrome-plated steel pressure gauge.
- Rapid application of suction pressure.
- Easily controlled suction pressure release between contractions.
- Sterilizable and Reusable.
- Unique filter/trap and pump design.

Pump Specifications	101A	001C
Pump Color	Blue	White
Pump Material	Polyetherimide	Polycarbonate
Overall Length	6.5", 16.5 cm	6.5", 165 mm
Overall Height	9.5", 24.1 cm	9.5", 24.1 cm
Maximum Gauge Pressure	30" Hg, 76 cmHg	30" Hg, 76 cmHg
Weight	10.8 oz., 306 grams	10.8 oz., 306 grams
Sterilization	Autoclave, ETO gas	ETO gas only

Order No.	Description	Quantity
001C	White Vacuum Pump, ETO Sterilizable	1 each
101A	Blue Vacuum Pump, Autoclavable & ETO Sterilizable	1 each
SF-251	Female Adapter	10/box
SF-ELBO	Elbow Adapter	10/box
SF-UNIV	Universal Adapter	10/box



Manual Vacuum Pump

Flex Cup™



Flex Cup™ Disposable Mushroom-Shaped Cups

By UTMD's estimate, in less than 10% of deliveries where vaginal VAD is indicated, the fetus is presenting in a more challenging position, such as an occiput posterior position. In these circumstances, a mushroom-shaped cup that provides greater traction may be required to assist delivery. The CMI Flex Cup™ is designed with a flexible stem that allows the physician to pivot the cup and place it safely over the posterior occiput away from the introitus. The soft, polyurethane Flex Cup™ won't facilitate unwanted head rotation, minimizing risk of scalp lacerations and other potential fetal injuries.

Cup Specifications	444FC
Cup Material	Polyurethane
Cup Rim Diameter	50 mm
Cup Inside Diameter	60 mm
Vacuum Relief Valve	No

Order No.	Description	Quantity
444FC	Flex Cup, 60 mm interior diameter, with fluid trap	10/box

Secure Cup™



Secure Cup™ Disposable Mushroom-Shaped Cups

The dome-shaped, CMI Secure Cup™ is designed with a small lip that rims the inner edge of the cup. The thermoplastic elastomer cup allows excellent adhesion to the fetal scalp with reduced risk of injury compared to other mushroom-shaped cups.

Cup Specifications	600TT	606TT
Cup Material	Thermoplastic Elastomer	Thermoplastic Elastomer
Cup Rim Diameter	N/A	N/A
Cup Inside Diameter	63 mm	63 mm
Vacuum Relief Valve	No	Yes*

*configured for use with electric pump - 6' tubing without fluid trap

Order No.	Description	Quantity
600TT	Secure Cup, 63 mm, with fluid trap	10/box
606TT	Secure Cup, 63 mm, assembled with 6 ft. of tubing and female adapter	10/box

CORDGUARD™ II

A Unified Umbilical Cord Management System

Clamp, Cut and Obtain a Clean Sample While Reducing Risk

UTMD's Cordguard™ is a unified system for umbilical cord clamping, cutting and blood collection. It provides clean neonatal blood samples while minimizing clinician exposure to blood.

- Quick and easy 4-step activation
- Enclosed collection reservoir for obtaining clean, uncontaminated blood while eliminating splattering of blood
- Fully enclosed sharps.
- Ergonomic handle assists in delivery of the placenta.
- Protective sheath keeps tubes clean for labeling.
- Vacuum tubes conveniently slide from handle when full.
- Latex free.

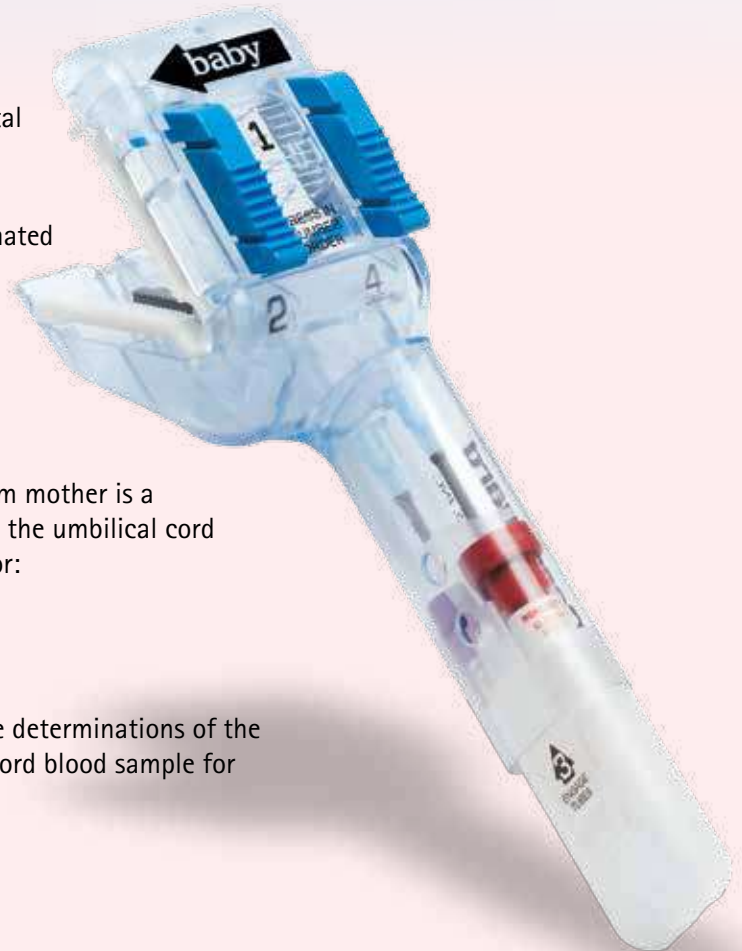
Clamping and cutting of the umbilical cord to separate baby from mother is a routine delivery procedure. Clinicians may also wish to evaluate the umbilical cord blood for diagnostic purposes. Tests are commonly performed for:

- Routine blood work (i.e. Type, RH, CBC, Direct Coombs)
- Infectious diseases
- Detection of heavy metal (e.g. Lead)

Umbilical cord blood gas and acid-base assessment are objective determinations of the fetal metabolic condition at the moment of birth. Obtaining a cord blood sample for assessment is advantageous in the following situations:

- Cesarean delivery for fetal compromise
- Low 5-minute Apgar score
- Severe growth restriction
- Abnormal fetal heart rate tracing
- Maternal thyroid disease
- Intrapartum fever
- Multifetal gestations

The US Department of Labor states that "all procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, splattering, and generation of droplets of these substances." ("Occupational Exposure to Bloodborne Pathogens; Final Rule" Federal Register 1910.1030 (6 December 1991) p. 64176.)



Order No.	Description	Quantity
CRD-201	Cordguard Umbilical Cord Clamping, Severing and Blood Collection System	10/box



The MUC-X aspirator is used to suction the newborn's nose and mouth following delivery. MUC-X is a safe and economical device that reduces healthcare worker's risk of exposure to potentially infectious fluids.

- Smooth, beveled tip is gentle to the infant.
- Eliminates the potential for direct oral contact with meconium.
- Intended for use with mechanical suction devices only.
- Safe, reliable and easy to use.
- Economical and cost effective.
- Allows for one-handed suctioning.
- Prepackaged for one-time use.

Order No.	Description	Quantity
IM7088FR	MUC-X aspirator, 8 French - sterile	25/box
IM71010FR	MUC-X aspirator, 10 French - sterile	25/box

EDUCATIONAL MATERIALS

Order No.	Description
IUP Monitoring	
5820	Intran® Plus User Guideline Booklet
58196	Quick Reference Instruction Card, IUP-400, -450, -500, -550
58057	Quick Reference Instruction Card, IUP-600, -650, -700, -750
Balloon Tamponade for PPH	
58324	Poster: Supplementary Instructions for Use (BTC-100)
58322	Disc: Illustrated In-Service PowerPoint Presentation (BTC-100)
58342	Poster: Supplementary Instructions for Use (BTC-ESY)
58343	Disc: Illustrated In-Service PowerPoint Presentation (BTC-ESY)
Vacuum Assisted Delivery	
58006	Video, "Introduction to Soft Cup Vacuum Extraction"
58183	Book, " Vacuum Extraction in Modern Obstetric Practice" John Patrick O'Grady; Martin L. Gimovsky, 1998
58182	Reprint, <i>The Obstetric Vacuum Extractor: Recent Innovations and Best Practices</i> . Schwartz ML, O'Grady JP, Contem OB/GYN 47:5:114-23, 2002
58181	Reprint, <i>Vacuum Extraction: Optimizing Outcomes, Reducing Legal Risk</i> Koscica KL, Gimovsky ML, OBG Mgmt, 14:4:88-94, 2002
58169	Patient Disclosure Brochure, Vacuum Assisted Delivery



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Products shown may not be available in all countries.
Contact Utah Medical Products/Femcare for product
availability in your area.