

Do you have a Latex Protocol ?

By Sue Smith, Judi Tyndall & Alaine Young

An allergy to latex is unlike a drug allergy. Latex is such a common element within our environment that it becomes very difficult to isolate. Allergy to latex is frequently underestimated and not seriously considered as a risk by many health care professionals. Latex allergy can result in a life threatening situation, therefore it is the responsibility of all hospitals to develop a latex policy and protocol.

The F.D.A. recommends these safety measures:

- Include questions about latex sensitivity in taking general histories of patients, particularly for surgical, radiology, spina bifida patients, and for health care workers being treated as patients. Questions about itching, rash or wheezing after wearing latex gloves or inflating a balloon may be useful. Patients with positive histories should have their charts flagged.

- If latex sensitivity is suspected, consider using devices made with plastic or other alternative materials.

- If an allergic reaction does occur and latex is suspected, advise the patient of a possible latex sensitivity and consider immunologic evaluation. Advise patients to tell health care workers about latex sensitivity and to consider wearing a medical identification bracelet.

In communication from the Director of Health and Human Services, it is stated that the Food and Drug

Administration (FDA) will soon publish in the Federal Register (FR), regulations requiring the labels of certain medical devices to declare latex content.

The regulation will require all medical devices which contain natural rubber latex, which comes directly or indirectly in contact with the body, to state on the principal display panel: "This Product Contains Natural Rubber Latex". Manufacturers may expand on this statement should they believe additional information on allergic reactions is desired. For example, the Agency would have no objections to the following wording: "This product contains natural rubber latex which may cause allergic reactions in some individuals".

The FDA and Health & Welfare Canada are looking at the use of terms such as "hypoallergenic" on latex containing medical devices such as gloves. The term "hypoallergenic" is inconsistent and misleading with respect to latex containing products.

Ansell states in their June '93 "Source to Surgery" that the term "hypoallergenic" refers to any manufacturer's gloves or device which passes a specific evaluation test. Ansell has suggested that possibly an alternative label of "low irritant" be used. We agree that an alternative name be given to these gloves because not all people with irritant/contact dermatitis are allergic to latex. For this category of personnel these gloves often resolve their problems. They do not need to use



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Abstract

In the November/December 1992 issue of the *Canadian Operating Room Nursing Journal* our submission titled "The Unsuspected Allergy" discussed the issue of a patient with latex allergy. This follow up document lists our hospital protocol, provides a company product list and information on latex gloves and the employee.

a non-latex or vinyl glove.

The Latex Protocol (Appendix 1) at the Henderson General Hospital (Hamilton Civic Hospitals) encompasses the following:

1. **Pre-op admission screen:** on the booking request form patients are asked about patient/family history of latex sensitivity, (this form is filled out in the doctor's office).

2. **Once the patient is identified/suspected of being latex sensitive:**

- Admitting, Pre-op Clinic and OR are notified
- procedure is booked in the OR suite with the laminar air flow system

3. **On Admission:**

- latex allergy band is given (patient encouraged to get a medic-alert bracelet)
- ward notified and signage for room and bed given (to warn other departments ie: lab, dietary, MDU)
- latex allergy box is obtained from CSR and stays with patient throughout hospital stay
- latex allergy box contains the hospital protocol for latex allergy patients and lists latex-free items to be used with patient (i.e. silicone catheters, non-latex gloves, oxygen equipment, latex-free tape, temp probes, etc.)

4. **O.R.**

- O.R. has its own latex box (Appendix 2) and nursing care plan (See November/December 92 O.R. Journal) for latex allergy patients.

- an extensive product evaluation list (Appendix 3) is included in the O.R. box for cross-checking during operative procedures.

Now that our hospital has successfully established a protocol for the safety of the latex allergy patient, our present goal is to educate the staff in appropriate use of latex gloves in order to reduce their risk of latex sensitization.

Are You At Risk ?

The concern surrounding the subject of HIV and Hepatitis has led to increased glove use by health care workers. The result is that in many health care facilities gloves are being worn without conscious thought of possible consequences of such action. Only one-half of the gloves worn by nurses are used for patient care activities involving exposure to blood or body fluids. The inappropriate wearing of gloves for charting, handling of dietary trays or direct patient care not involving body substances, places the health care worker at a significantly higher risk of developing latex sensitivity due to constant exposure to latex. Nurses are clearly over using gloves for patient care activities that do not warrant glove use. Research study data indicates that O.R. nurses have a 10-14% incidence of latex positive reaction. The percentage of nurses with latex sensitivity is constantly increasing hospital-wide.

A health care worker with possible latex sensitization may initially show symptoms which could include irritation, contact urticaria, wheezing or rhinitis. These health care workers should contact Employee Health Services and initiate investigation which may include testing. The easiest, most inexpensive testing method is the skin prick test. This test gives quick results and is highly sensitive, however, one must be aware that the test may precipitate a full blown anaphylactic reaction and should only be carried out in an environment where resuscitation equipment is readily available.

Do Gloves Give A False Sense of Security ?

Do nurses have a false sense of security in wearing bulk gloves? Research supports that latex bulk gloves worn 1-2 minutes have a 10% leakage, while gloves worn 3-5 minutes have a 55% leakage. The quality of latex gloves varies according to the manufacturer's processing. Recent evidence indicates that gloving may not assure complete protection against microbial contamination to the hands of the wearer (Reingold, Kane & Hightower, 1988; Weiss et al. 1988). This data is consistent with research by Korniewicz et al. (1990) which indicates that gloves do provide a barrier, but are not completely impermeable, particularly under in-use conditions. It is imperative that a conscientious handwashing technique be adhered to after glove removal to ensure that viral particles are removed. Handwashing cannot be overemphasized in that it is also important to the removal of any latex powder proteins left on the skin.

Sterile glove processing and testing can also be manufacturer related. The results from research indicates that variables such as the amount of stress and duration of use have vast implications in maintaining the integrity of the gloves and are correlated with leakage rates. The life span of glove effectiveness can be altered by chemicals, petroleum-based hand cream, temperature, ultraviolet light, ozone and water; therefore, hospital personnel must take care not to store gloves near fluorescent lights, direct sunlight, x-ray equipment, air conditioners or open chemicals. Rotating of glove supplies must be closely monitored.

When purchasing gloves, statistical information should be supplied by companies on glove processing and testing methods used. Products should also contain literature provided by the manufacturer but carried out by independent research firms.

Switch to Vinyl ?

With increasing numbers of health care workers becoming sensitive to latex, is a total switch to vinyl a viable alternative? Gloves made of polyvinyl chloride (vinyl) are less flexible and less durable than latex. Latex offers nine times the barrier protection as compared to vinyl, thus showing vinyl to be of limited usefulness in high-risk, heavy usage situations. For example, in scrubbing in surgery. In research labs, using the watertight testing method, when vinyl gloves were punctured they did not reseal and had a higher defect rate (4.1%) as compared to latex gloves (2.7%). At a high stress use level, 63% of vinyl gloves leaked bacteriophage as compared to 7% of latex gloves used (Korniewicz - Leakage of Virus, 1988). All these factors indicate that at the present time, no glove offers 100% protection. Gloves do not protect workers against needle sticks which can be a mode of hepatitis and HIV transmission. Attempts should be made to reduce, control, or eliminate latex exposure to avoid sensitization of more workers.

These points should be considered in our practice:

- employees are urged to be inoculated with the Hepatitis vaccine
- appropriate use of gloves to comply with body substances/universal precautions
- education on transmission of HIV/Hepatitis
- handwashing after removal of gloves
- never reuse gloves
- use of non-powdered gloves to reduce airborne latex proteins, absorbed on the powder
- encouragement of workers with other atopic allergies or contact dermatitis to wear vinyl or plastic gloves under latex gloves or where practical and appropriate, wear non-latex gloves
- when purchasing gloves, consideration should be given to gloves with low extractable protein levels and low levels of known rubber sensitizers.

Conclusion

The next decade should show continued research and possible alternatives to the problem of latex sensitization. Increased consumer and manufacturer awareness is the first step to serious consideration and resolution to this problem. Latex allergy can not be underestimated by the health care professional, both for the protection of the patient and themselves.

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APPENDIX 2

LATEX ALLERGY BOX - OR

- Sterile gloves (Tactylon)
- Vinyl bulk gloves x 1 box
- Glass syringes x 5
- Plastic ambu bag and mask X 1
- Opsite & Tegaderm x 2
- Meditrace discs x 2
- Med-Fx suction tubing x 1
- #16, #18 100% silicone catheter
- Dermicel tape x 2
- Tourny (Webril underneath)
- Yankauer suction x 2
- Vinyl oxygen connector x 1
- Mallinckrodt E/T tubes (6.5 -8)
- O'Neil urinary catheter (in&out)

APPENDIX 1

Departments of Nursing (Manual : Nursing Policy and Procedures,
Hamilton Civic Hospitals-Henderson Division.

POLICY #03
PROCEDURE X
Date: Aug. 1992

TITLE: Protocol For Patients with Known Latex Allergy

- 1.0 PURPOSE:** To decrease risk for anaphylactic reaction secondary to exposure and sensitization to latex
- 2.0 RELATED PROCEDURE(S).** - none
- 3.0 EQUIPMENT:**

Latex Allergy Box

Contents:

- Vinyl Bulk Gloves
- Non-latex Sterile Gloves
- 100% Silicone Foley Catheters sizes 14,16
- Glass Syringe
- Glass thermometer
- Plastic Ambu Bag and Mask
- Dermicel Tape/ Micropore Tape
- Opsite, Tegaderm
- Sign Indicating Latex Allergy patient
- Webril
- Yankauer Suction (Oral Suction)

Location: CSR

Ordering: CSR

NOTE: Other items which are latex free include:

- Suction tubing
- O₂ masks and tubing including Nasal
- PPM II Venti-mask
- O'Neil In and Out Catheter
- Enema kit
- Chlorhexadine pre-op sponge
- Dietary tray
- Hospital mattress
- Ivac Tympanic Temperature Probe
- Rectal tube
- Razor

4.0 PROCEDURE

- 4.1 If a patient has a severe latex allergy (ie respiratory problems), a private room is recommended.
- 4.2 Teach patient regarding protocol and latex allergy.
- 4.3 Obtain latex allergy box for any known allergies and leave in patient's room.
- 4.4 Post sign over patient's bed.
- 4.5 Ensure patient has red allergy armband on.
- 4.6 Take patient's Temperature using a glass thermometer or IVAC Tympanic Temp. Probe
- 4.7 Take patient's blood pressure using Webril beneath the BP cuff.
- 4.8 Wear sterile non-latex gloves for sterile treatment
- 4.9 Wear vinyl bulk gloves for unsterile treatments involving body substances precautions.
- 4.10 Use O'Neil Catheters for Intermittent patient catheterizations. Use Silicone Foley for Indwelling patient catheterizations.
- 4.11 Use Dermicel to tape IV access.
- 4.12 Use Opsite or Tegaderm for dressings.
- 4.13 Use glass syringes for all injections.
- 4.14 Monitor patient for symptoms of an allergic reaction.
- 4.15 If patient is to be transferred or sent for tests (ie Lab), notify the receiving dept. of the patient's allergy.
- 4.16 Send latex allergy box with patient to receiving dept.(ie Lab)

RATIONAL/SPECIAL INFORMATION

Indicates to all staff the patient has latex allergy.

IVAC Oral temperature probes contain latex.

The bladder of the blood pressure cuff contains latex.

Regular hospital gloves sterile and unsterile contain latex.

Red rubber and foley catheters contain latex.

Micropore contains latex.

Disposable syringes contain latex.

Re: 4.14:

Signs & Symptoms: hives,wheals, pruritus, swelling of soft tissue involving hands, face, lips, tongue.
Severe Symptoms: bronchoconstriction, asthmatic breathing, hypotension and syncope

5.0 DOCUMENTATION:

- Initiate and document nursing diagnosis, goals and interventions for latex allergy
- Document any allergic reactions

6.0 RESOURCE PERSONS:

Operating Room Clinician, Surgical Clinician,
Operating Room GYN Resource Nurse

Review: _____

Revise: _____

Appendix 3

COMPANY (mfg. and/or distb.)	PRODUCT	PRODUCT CODE	LATEX CONTENT N = NO, Y = YES	COMMENTS
ABBOTT	-Decanting Set	1721	N	
	-Transpac Transducer - single	42606	N	
	-Transpac Transducer - double	42592	N	
	-Transpac Transducer - triple	42591	N	
	-Catheter Irrigation Set	6536-980	N	
	-T.U.R. Y Set	6543-980	Y	-in terminal (latex) segment
AMERICAN HOSPITAL SUPPLY	-Airway: Bardex Nasopharyngeal (Robertazzi Mode)	C055528-32	Y	
	-Catheters: - 24Fr. 3way, 30CC - 18F.	C0167124 EUF03391	Y Y	
	-Drains: Jackson Pratt	all sizes	N	-silicone
	-Fogerty Inserts	VCV5071	Y	
	Suction: - Control suction	S3014, S3010, S3008	Y	-PVC material
	- Tubing 144"	70-8144	Y	-PVC tubing, latex connector only
	- Tubing 72"	70-8072	Y	-PVC tubing/ latex connector only
	-Yankauer	C0034870	N	-PVC material
	-Thoraklex Chest Drainage	C0077000	N	
	-Urine Collection Bag	40-0020	Some	-sample port latex
	-Urine Collection Bag	P4084	Some	-sample port latex
AMSCO CANADA INC.	-Table pads for 1080,2080 and 3080 O.R. tables		N	
ANSELL	Gloves: Sterile Surgeons "Dermaprene"	Size 8 - 8506	N	Neoprene material
ARROW MEDICAL PRODUCTS INC	-Arrow Introducer Kits	HG-09800	Y	-latex in hemostasis valve
ARROW INTERNATIONAL	-Silic catheter	SS-14701	N	
	-Injection Caps	IC-14703	Y	-latex in diaphragm of cap
	-All balloon catheters	all codes	Y	-latex balloon
	-Heimlich valve connecting tube		Y	
	*O' ring on Percutaneous Sheath		Y	
	introducer valve casing		Y	
	*O' ring on CathGard		Y	
	-Johans Adapter Cap		Y	
	-Heimlich valve - Internal flutter valve		Y	
	-Hemostasis valve in Perc. Sheath Introducers		Y	
	-Syringe plunger Cap		Y	
	-Raulerson Syringe valve		Y	
	-Emergency Infusion Device spring wire guide seal		Y	
	-Hand-Off Thermolulution Cath. tubing seal		Y	
	-Pneumo thorax Kit	AR-01500	Y	
	-Injection Cap	IC-14703	Y	
ARBOR MEDICAL	Hydrophobic Filters (proximal)	121	N	Virgin Polypropylene
ARTEC INC.	Airways: Berman, Guedel and colour coded Guedel	all sizes	N	-thermoplastic
ARS(Assoc.RespiratoryServices)	Non-rebreathing Valve	414-0200-100 series	N	Polycarbonate & Silicone
AUTOSUTURE	-Surgiport III: 15mm disp trocar	179032	Y	internal seal
	-Autosuture stapling products	all other codes	Y	
AVION MEDICAL	All respiratory disposables (O ₂ masks, nasal cannula, etc.)		N	medical grade plastic
BARD	-Airways: Bardex Nasopharyngeal	055528 to 055532	Y	
	-Catheters: -ureteral R&L	136405 R&L	N	
	-Drains: DAVOL Lg & Med	0034610	N	
	-Hickman Catheters (Davol)	FR-60035-2 & FR-60016-2	N	
	-Percutaneous Introducer Kits	60146	N	
	-T-tubes (Davol)	all sizes	Y	
	-Simpulse Irrigation Unit		Y	latex diaphragm
	-Stone Baskets	039340, 039330	N	
	-Suction: Yankauer (Davol)	0034870	N	
	-Urinary Drainage Bag 4 Litre	153509	N	
	-Urolase Laser Fiber	350000	N	
BAXTER (AHS Specialities) American Hospital Supply)	VIP Swan Garz catheter 7.5	EH93A-831-7F	Y	latex balloon
	-Airways: nasal	C055528-C055532	Y	
	-Asepto syringe	F7525	Y	
	-Catheters:			
	- 3 way, 30cc 24FR.	C0167L24	Y	
	- 18 Fr.	EUF03391	Y	
	-Drains:			
	Jackson Pratt	all sizes	N	Silicone
	Chest- Thoraklex	CC077000	N	
	-Fogerty inserts	VCV5071	N	Insert is latex
	-Suctions: Control suction	S3014/S3010/S3008	N	PVC material
	-Suctions: Tubing	70-8144 / 70-8072	N	PVC tubing, *connector is latex
	Yankauer	C0034870	N	
	- Urine Collection Bags:	40-0020 and P4084	Y* and Y*	*in sample port only
	-Anaesthesia Filter: Transparent	19406-107	?	
	-Anaesthesia System: Circle	19408-329	?	
	-Blood/Fluid Warming Sets	DWC-100	?	
	-Converters Sleeves	589	Y*	*in elastic band
	-CVP Manometers	4338A	?	
	-Converters drapes and gowns	all products	?	
	-Feeding Tubes	71030B / 71032B	N	PVC Material
	Gloves: Sterile Surgeon's "Elastyren"	all sizes	N	Styrene Butadiene Block Polymer
	-Ommaya Reservoir	NL850-1270	?	
	-Oxygen tubing, crush resistant vinyl tipped 7'	P0013202	N	
	-Urometric TUR Series Set	JC4006	N	
	-Sodium Phosphate and Biphosphate Enema	20306-010	N	

BENTLEY LABS	-Straight Connectors 1/4x1/4	C-120S	N	
BIOMET	Filter system	631030	?	
	Filter Insert	631050	?	
BECTON-DICKINSON	Gloves: -sterile surgeon's *Neolon	all sizes	N	Neoprene
	- Bulk vinyl-Truetouch	482207, 482205, 482003	N	Vinyl
	-Needles	305198/305196/305176/ 305156/5144	N	polypropylene hub
	-Spinal needles	5183/5184/5148/5161	N	polypropylene hub
	-PRN adaptor	5181/5149/5180	Y	
	-syringes	388171	Y	latex port
		9574/1604/1625/ 9588/9685	Y	glass
		8542	N	
BOSTON SCIENTIFIC (BEEJAY MEDICAL)	-Shurt: LeVEEN	50-100/200/600/526	N	
	Medtech Greenfield Vena Cava Filter, Carriers and access.	50-328/300/301/537, 50-312/314/335	N	
	-Pulmonary Cytology brush(Microvasive)	1600	N	
CAMP INTERNATIONAL	Stump socks - post op sock		N	
CANADA MICROSURGICAL CONCORD-PORTEX	Sweatbands - Stackhouse	RS-102	N	Orlon/Lycra Blend
	-Airways: Clear disp.	330011	N	
	-Humid Vent Portex Filter	580011	N	
COOK (Canada) Inc.	Catheters:			
	- 3 Fr. Radial Artery Catheter	C-FMS-301-RA	N	
	-CVP: single lumen	C-PUM-501J-PRG	N	
	- Triple lumen	C-U-TLM-701J	N	
	#5 right yellow whistle tip	022105	N	
	#5 left yellow whistle tip	022205	N	
	Stent: Ureteral Pigtail-	133624S17	N	
	Silicon 6Fr. 24Cm			
	Uteteral Pigtail-	133624S17	N	
	Silicon 6FR. 28CM			
	Stent: ureteral Pigtail			
	Softflex 6fr. 24CM	039624	N	
	6fr. 25CM	031625	N	
	6fr. 26CM	039626	N	
	6fr. 22CM	039622	N	
	7fr. 22CM	039722	N	
	-Ureteral Brushes 5fr. 80CM	040000	N	
	-Ureteric open end Pollack 5fr	021305	N	
	-Handle for baskets	059200	N	
	-Torcan blue Catheter -Cobra visceral	BPS 6.5-3865N-NS-C3	N	
	-Angiographic catheter	P.50M-38-65-M-45-0	N	
	-Angiographic cath. TM high Flo torque control cobra visceral	HBP5.5-38-65-M-NS-C3	N	
	-Angiographic multi-purpose	HBP5.5-38-65-M-6S-MPA N	N	
	-Stylette catheter #14fr	066514	N	
	25cc balloon-Raye nephrostomy			
	-Smith Percutaneous Endopylotomy stent set #12fr. catheter with 7 FR.stent	084712	N	
	-Ureteroscopy Balloon Catheter	078354	N	
	-Amplatz renal Dilator Set	075000	N	
	-Teflon Catheter	T80-38-88-0 NS ARD	N	
	-Teflon Cath. Short 10fr.	075010	N	
	-Nephrostomy tract dilator set	077030	N	
	-Percutaneous Nephrostomy set	PNS-1	N	
	-Guide Wire- straight teflon coated(.38x145)	638433	N	
	-Guide Wire- curved teflon coated (.38 145.3)	638414	N	
	-Beneton (.38 x 145)	638487	N	
	-Liposuction tubing	TLST100	N	
COLLAGEN CORPORATION CRITICAL ASSIST GROUP DAVIS & GECK	Alveoform Biograft	5201BS/5201BC/5201CS, 52001CC?	Y*	
	Level 1 - IV fluid warming set	D50	?	*injection port only
	-Pre Op Scrub Brushes	8001-04	?	
		8019-04	?	
	-Sutures	all types	?	
	-Valtec Anastomosis Rings	all sizes	?	
DEVON	Lite Gloves	3611, 3612	N	
DOW CORNING	all DOW orthopaedic products		N	
DUMEX	Gloves: sterile surgeon's "TASTYLON"	all sizes (i.e. 41060)	N	
	-Sponges: Opake 4 x 8	49675	N	
	-Laparotomy tapes 18 x 18	1213	N	
	-Laparotomy tapes 18 x 24	1272	N	
	-Laparotomy tapes 18 x 36	1293	N	
DYNETECH LIMITED	Medex 3way & stopcock with 6" line	MX436-60	N	
FUTURMED	-Falope Seal	000782-3	?	
	-Flat Red Seal	000758-7	?	
	-O-ring	100441	?	
	-Berkley plastic Adaptor	00220-51	?	
	-Berkley Collection Bottle	54389	?	
GENERAL ELECTRIC MEDICAL	Patient mover	E63228BA9	?	
GRAPHIC CONTROL	-Medtrace Pellet electrode	1801	Y	
	-Pellet electrode	F91	Y	
HOLLISTER LIMITED	-Ident-A-Band (clear)	6748	N	
	-Ident-A-Band (red)		N	
	-Loop Ostomy Gasket	7345	N	
	-Loop Ostomy Bridge	7767	N	
	-Wound Drainage Collector with Barrier	9773	N	
HOWMEDICA	-Cerclene Partridge Plates & Straps	6108-8-170	N	
	-Moore's Head Replacement	6610-3-320	N	
	-Mallet Head Replacement	6808-2-00	N	
	-Mallet Head Replacement	6809-2-001	N	
	-Mallet Head Replacement	6809-2-003	N	
	-Mixing Bowls	6201-3-400	N	
ICN CANADA LTD.	Scarian silicone Surg-I-Loop	8-93-79 8-93-81	N	
	Scarian silicone Surg -I-Loop	8-93-77	N	

IVAC				*in Y injection site	COMPANY	PRODUCT	PRODUCT CODE	LATEX CONTENT Y = Yes N = No	COMMENTS
	-Universal Set (pump cassette)	52073	Y*						
	-Universal Set	52053	N						
	-Infusion Set: Primary universal	C50087	N						
	-Disp. probe cover for mod.2090	P90	N						
	- tympanic thermometer								
INGRAM & BELL	-Falope Ring Procedure Kit	00719250	N	Silicone band	MALLINCKRODT (cont)	-left tube with carinal hook with CPAP	95852	Y	
	-Maxitherm Blankets	SZ2276 / SZ2274	N			-Warmtouch Patient Warming System	503-0810	Y	
INSTRUMENTARIUM	Washers: 10 mm. Silicone	CEV-110J	?		MEADOX MEDICALS, INC	(Carequilt Blanket)			
	- 8 mm. Silicone	CEV-108J	?		(BRENT SURGICAL)	-Veri soft str. Cooley Dacron	234420	N	
	- 5 mm. Silicone	CEV-105J	?		MEDITEK	Tube Graft			
	-5 mm. W/3mm hole Sil.	CEV-103J	?			-Action Pressure Management Pads		N	
JOHNSON & JOHNSON	-Ethicon Mechanical Stapling	all products	N		MEDICAL MART	-Hytape 1"	358-10	?	
	-Ethicon endosurgery products	all products	N			-Surflo I.V.cannulas	16,18,22	?	
	-Ethicon Sutures	all products	N		MILES	-Cutter Blood Bags		N	
	-Ethicon Hemostasis products	all products	N		OHMEDA	Probe Materials: Oximeter		N	housing C-Flex
	-Drapes: Surgikos Barrier Packs and gowns	all products	N			-Flex II:		N	window: Acrylic
	Tape: Dermicel	H-5382,5382,5383	N			-Black:		N	housing: Acrylic
	Dermiclear	H-5248,5250,5254	Y			-Ear Probe:		N	window: Acrylic
	J&J Waterproof tape		N					N	Diffuser: PVC
	Gloves: - Dispos-A-Glove	3168,3128	N					N	Cover & housing: ABS
	-ALLERGUARD synthetic surgical glove		N					N	Stabilizer: Polyethylene
	-Vein Strippers Diap.	634031	N					N	Cover: vinyl
	-Mask: Barrier		N		OLYMPIC MEDICAL	-Soft Probe:		N	Pillow & pad: silicone
J & J (CRITIKON)	-Dura-cuf complete inflation system	2830-2835	Y			-Grey Probe:		N	polyvinylchloride
	-Dura-cuf BP cuffs	2699,2697,2698,2770	Y		O-TWO SYSTEMS	Olympic Vac Pac (patient positioner)		N	beads are styrofoam
		2771,2774,2778,2779			INTERNATIONAL INC.	-Resuscitation Face Masks	02FM4999,02FM5000	N	polyvinylchloride
		2780,2781,2782,2783						N	
		2790,2795,2796,2791						N	medical grade PVC
		2281,2283,2285,2287	Y					N	medical grade PVC
	-Disposa-cuf complete inflation system	2341	Y		PICKER INTERNATIONAL	Cushion Tabletop Hydrojet III	333108	?	
	-Reusable bulb and valve	2659	Y		PREFERRED MEDICAL PRODUCTS	-Spinal procedural tray	2534	N	
	-Disposable bulb and valve	4600	Y			-Continuous epidural Tray	1016	N	
	-Jelco Intermittent Injection cap	50024	N			-Epidural Catheter	100	N	
KENDALL CANADA LTD.	Underpad	69019	N		RUSCH-PILLING	-Rectal tubes (soft rubber)	436700	Y	
	Combine Pad (unsterile)	507587,27044X	N		INTERNATIONAL	-Rectal tube (PVC)	sterile 22 55 00	N	
	-Washers	ST 27040G	N			-Rectal tube (PVC)	sterile 23 58 00	N	
LABORIE	-Resectoscope Cutting Loops	ST 27072NS	N			-Facemask with hook ring	3101	Y	latex-neoprene overdip
(R. Laborie Surgical Ltd.)	-Nephroscope Caps	ST 277550A series	N			-Ureteral Connector	3365-00	Y	
	-Nipples	ST 27502	N			-Intertech Filtered Heat & Moisture Exchanger	002835	Y	
	-Leur lock connector	ST 27024YL	N			-Teeth Guards	50-2276	N	PVC
	-gasket	ST5.0/2.6/1.8 series	N			-Pilling Esophageal bougies (Mahoney,Hurst)		Y	
	-Caps	ST 27080E,FA,GA,HA	N			-Bougies Mahoney Style-100% silicone	size 20:50-7968 to size 60:50-7988	N	
	-Calcutript Probes	PT495NL,NB,etc.	N		RICHARDS	Microscope Drapes	89-0005	?	
	-Light Cables	PT 495SSL 35/50	N		SANCELLA INC.	Excel pants	07686,etc.	N	
	-Light Cables (Orange)	FE851	N		SHERWOOD MEDICAL INDUSTRIES	-Salem Sump Tube	8888-2649-86	N	Lycra & Dorlastan
	-Fishie Clip (FEMCARE)	001	N			-Saratoga Sump Drain	8888-5305-27	N	
LES INDUSTRIES	Reducer		N	Titanium and silicone		-Medicut Cannula	8888-1002-14	N	
(FANNY LINVATEC)			N	Formaldehyde Acetate		-Thoracic Catheter Series	8888-5705-xx	N	
	-Drape: for camera	9707	N		SIMS	Celestine tube	8888	Y	
	-light cords		N		SMITH & NEPHEW	Myringotomy tubes:	140028	N	
	-Hemoclips	523800,523860,523870	N			-Shepard Grommet		N	
	-Electrodes:		N			-Feuerstein	140250	N	
	-Hook electrode	115630	N			-Richards T	240071	N	
	-spatula electrode		N			- ENT long & short term		N	
	-Menisectomy basic kit	9737B	N			implant products.eg.middle ear prosthesis		N	
	Instrumentation:		N			-Dressings:		Y	latex in adhesive
	-all Sensatec Instruments	all sensatec inst.	N	Kynar(black insulation on laparoscopic inst.)		-Elastoplast dressing including elastic Adhesive Bandages	All codes	Y	
			N	silicone		-Hypafix		N	
			N	silicone		-Airstrip	all sizes	N	
			N			-Melolite	all sizes	N	
			N			-Drape: Opsite Incise Drapes	all sizes	N	
			N			-Microdrape	89-0005	Y	blue rubber band-latex
			N			-Soft guard Barrier, Soft & Secure	1163-04	N	
			N			-Gloves: Surgeon's & Specialty		Y	
			N			-Cut Resistant		N	
			N		SORIN CANADA	Shiley/Sorin tracheostomy tube		N	
			N			Sorin embolectomy catheters		Y	latex balloon
			N					N	latex covered tip
			N					Y	
			N		STEVENS	-Surgifix Sizes 1-B	641-010191027		
			N			-Urinary leg bag			latex straps
			N			-Ultra thin disposable gloves	635-014-200		
			N			-Instrument marking tape	175-N-800	?	
			N			-Esmarch bandages	377-5610-08	?	
			N			-Cystocath suprabubic drainage system	600-330-12	N	silicone elastomer
			N						
			N			Bardex Catheters			
			N			-20 fr. 5cc 3-way whistle tip	666-132V	Y	
			N			-20 fr. 30cc 3-way	666-125RV	Y	
			N			-22 fr. 30cc 3-way	666-125RV	Y	
			N			-24 fr 75cc 2-way	666-0113-24	Y	
			N			-26 fr 75cc 2-way cath	666-0113-26	Y	
			N			-16 fr 5cc 2-way council cath	666-196V	Y	
			N			-18 fr 5cc 2-way council cath	666-196V	Y	
			N			-20 fr 5cc 2-way council cath	666-196V	Y	
			N			-22 fr 5cc 2-way council cath	666-196V	Y	
			N			Malecot Rusch 4-Wing			
			N			-20fr	180415800	Y	red latex
			N	enclosed-latex balloon to inflate cuff		-22fr	180415800	Y	red latex
			N			-24fr	180415800	Y	red latex
			N	contain standard latex anaes.circuit breathing bag					

COMPANY	PRODUCT	PRODUCT CODE	LATEX CONTENT Y = Yes N = No	COMMENTS	
STEVENS (cont)	5cc 2-Way Tieman Coude				
	-18fr	866-102L	Y		
	-18fr	866-102V	Y		
	-20fr	866-102V	Y		
	-22fr	866-102V	Y		
	-24fr	866-102V	Y		
	Fbley Catheter	866-174V	Y		
	-20fr	866-174V	Y		
	-22fr (inactive item)	866-174V	Y		
	-24fr	866-174V	Y		
	-22fr 30cc 3-way	866-167L	Y		
	-24fr 30cc 3-way	866-167L	Y		
	-20fr 30cc 2-way	866-166L	Y		
	-22fr 30cc 2-way	866-166L	Y		
	-24fr 30cc 2-way	866-166L	Y		
	-26fr 30cc 2-way	866-166L	Y		
	Ureteral Olive Tip Cath				
	-#4	866-13655	N	polyurethane	
	-#5	866-13655	N	polyurethane	
	-#6	866-13655	N	polyurethane	
	Ureteral spiral Tip				
	-#4	866-375-04	N	polyurethane	
	-#5	866-375-05	N	polyurethane	
	-#6	866-375-06	N	polyurethane	
	#24fr 75cc 3-way catheter	866-125-75	Y		
	Cone Tip Occlusion Cath				
	-8fr	866-138008	N	polyurethane	
	-10fr	866-0380	N		
	-12fr	866-0380	N		
	-3fr Whistle Tip	866-036103	N		
	-4fr Whistle Tip	866-036104	N		
	-6fr Whistle Tip	866-036106	N		
	-7fr Whistle Tip	866-036107	N		
	-8fr Whistle Tip	866-036108	N		
	-5fr (grey) Whistle Tip	866-136405	N		
	-Adaptors Ureteral Catheter	140000	N		
	Woven Filiform 12" Straight				
	-Size 2	866-021902	N	woven dacron	
	-Size 4	866-021904	N	woven dacron	
	-Size 6	866-021906	N	woven dacron	
	Spiral Woven Filiforme 12"				
	-Size 4	866-022104	N	woven dacron	
	-Size 6	866-022106	N	woven dacron	
	-size 5	866-022105	N	woven dacron	
	Electrodes:				
	-Green Ball Tip 8FR.	229-CET107K	N		
	-Orange Ball Tip 7FR.	229-CET107R	N		
	-Blue/Brown Ball Tip 8FR.	229-CET107K	N		
	-Green Cone Tip 8FR.	229-CET107A	N		
	-Orange/Yellow cone Tip 7FR.	229-CET107A	N		
-Blue Cone Tip 8FR.	229-CET107A	N			
-Yellow Ball Tip 24FR.	229-U247B	N			
-Yellow Knife Tip 24FR.	229-U247A	N			
-Black Loop 27FR.	229-U310R	N			
-Black Knife Tip 27FR.	229-U247A	N			
Stone Extractor #5 (5 wire)	180-341801-5	N	teflon shaft		
Filiform Tip					
Nasal splints	N-3916SA/MA/A	N			
-Bowls, Mixing	206-550	?			
-Cylinders, Carbide	1360-000				
-Nozzles, Str. Femoral	206-512	?			
-Pressurizers, Cancellous	206-518	?			
-Pressurizers, Prox. Femoral	206-526	?			
Caps for external fixation	394.97	N	Delrin		
tubes					
-Curette, Curved 10mm	360600	N			
-Curettes, " 8 to 14	20317 etc.	N			
-Collection Set, Vacurette 3/8"	326976	N			
-Mapleson D Circuit	TM1003	?			
-Anaes. Filter	TM1002	?			
-Sigmoidoscope, disposable	53130	?			
Washers: (WOLF)	all codes	N	HTV Silicone Rubber		
VALLEYLAB CANADA	all electrourgical products	all codes	N		
VITAI	Laryngeal Mask		N		
XOMED-TREACE	-Nasal Splint, External	15-28120	N		
	-Nerve Locator	8262015	N		
	-Acetabular Liners	67 _SERIES	N		
	-Bone Cement	1102 SERIES	N		
	-Castelli Membrane	10-12015	N		
	-Cereilage Wiring System	1292-81	N		
	-Dermacarriers	2195-012-00	N		
	-Harris Femoral Pressurizer	5069-12	N		
	-Hemovac Kit 1/2"	2550-002-10	Y*	*in anti-reflux valve	
	-Hemovac Kit 1/4"	2550-004-10	Y*	*in anti-reflux valve	
	-Hemovac Collection Bags	1550-50-10	N		
	-Innertube for Reamers	1428-005	N		
	-MGII Articulating Surface	51 _Series	N		
	-MGII Poly Patella	51 _Series	N		
	-Miller Cartridge Kit	5069-52	N		
	-Nozzle, 12" Flexible	5069-54	N		

Bursary Fund

Sponsored by ORNAC and Johnson & Johnson

1. Purpose of the Fund

To financially assist ORNAC members in furthering their education.

2. Factors Influencing Assistance Available

1. Other financial assistance requested and / or granted.
2. Previous bursary funding granted by ORNAC.
3. Length, place and content of educational program.

Note: Financial assistance is not available for salary replacement.

3. Application Process

1. Fill out application form and submit an application form to ORNAC.
2. Reference letters- two, (2) from most recent employer which states the applicant's professional competence and experience, (ORNAC will request the reference).
3. Reference letter should address applicants potential to succeed in the program.
4. Submit autobiographical to include career accomplishments, education, goals.
5. Proof to be submitted of registration for the program.

4. Responsibility of Applicant Receiving Funding

1. Signed contract to be returned to ORNAC Executive within 30 days of receipt of contract, otherwise funding will be withdrawn.

Criteria For Selection

1. Applicant must be a member of a provincial group for minimum of three (3) years.
2. Primary employment focus - the Operating Room Nursing (staff, education, administration).
3. Applicant has actively participated in their respective Provincial Group and/or with ORNAC. Applicant's participation to be listed & submitted with application form.
4. References (2) indicate the applicant promotes professionalism, is responsible and accountable, and has potential to succeed.
5. Applicant's future plans at the completion of the program must include perioperative nursing.

**Perioperative nursing defined in (Rules & Regulations) Information Manual.*

For more information or to apply for the Bursary Fund please contact ORNAC's Awards Committee Chairperson:

Muriel Shewchuk
 Director of Nursing, OR/RR/Surgery
 Foothills Provincial General Hospital,
 1403-29 Street N.W.,
 Calgary, Alberta
 T2N 2T9

Calendar

1994

Operating Room Nurses of Ontario
 3rd Provincial Conference - April 25-27, 1994.

"Personal Commitment + Professional
 Collaboration = Capital Gains"
 Ottawa Congress Centre, Ottawa, Ontario.
 Exhibit Chairperson: Carole Starr
 Fax: 1-705-876-5105
 Bus Phone (705) 743-2121

B.C.O.R.N.G. 14th Biennial Conference
 June 2nd to 4th, 1994
 VERNON, B.C.
 Contact: Trish Allen,
 4108 -14th St., Vernon, B.C.
 VIT 8B9 Phone: (604) 542-2418

ORNAC -14th National Conference
 Vancouver, May 8-12, 1995

ORNAC -15th National Conference
 Ontario, 1997.

Purchase the 'New'



ORNAC

"Recommended Professional
 and Clinical Standards"

for Operating Room Nursing Practice.
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 1988 publications and includes a new section on
 competencies of an O.R. nurse.

The Standards may be purchased for
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 The Operating Room Nurses Association
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