

News letter

ALKANTIS, A World's First !

ALKANTIS Surgery Indications Tutorial

Objectives with this tutorial is to show details about the use of ALKANTIS for different surgery specialities:

Orthopedics , General surgery, Plastic, ENT, Gynecology, Obstetric, Electrophysiology, Cardiac, Vascular, Wound Care,...

- **This information is not theoretical but its a return of experience we have collected through our distributors.**
- **The first page displays the unique and exceptional performance of the product but more important the ALKANTIS concept.**



«*ALKANTIS opens the way to the hospital to make savings*»

Guidelines:



- **To prepare a call you need both the ALKANTIS product brochure and this Tutorial.**
- **The Tutorial displays several indications per speciality.**
- **Do not hesitate to show the attached cases to surgeons**

This newsletter should allow you to accurately describe where and how ALKANTIS is used.



A World's First !

Introducing in the O.R. a Drug-free Patient's Pain Control by using a Sterile and Dry Cold Therapy

ALKANTIS is a paradigm shift!

- ✓ Reduction of drugs consumption
- ✓ Helps to reduce post-operative complications & meet hospitalization time
- ✓ Helps to reduce H.A.I.

Savings!

Operating Room

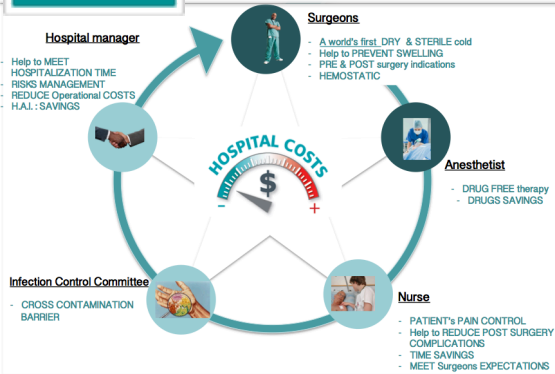


Prevent rather than treat!

Early stage Patient's pain control !

- ✓ Prevent edema
- ✓ Drug free

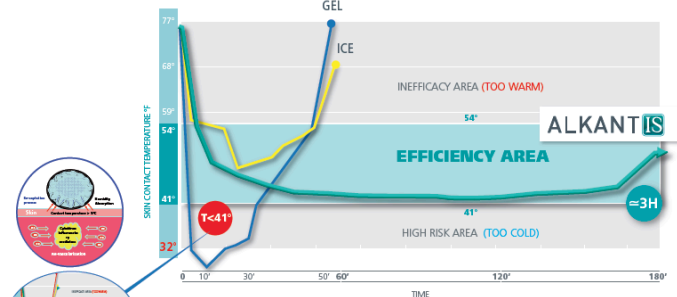
Concept



Performances

ALKANTIS delivers a long lasting cold

- ✓ Sterile
- ✓ Dry
- ✓ Safe temperature window



Proof of Concept

Patient's pain control

Medical evidence	Analgesics	or	ALKANTIS
	BRIEF TO THE POINT		PRICE & HOW
PATIENT'S PAIN			
Group Alkantis	80% no pain		70% no pain
Analgesic's injection*	76% no pain		18% no pain
* Oedema			
Drug consumption	Day 1		Day 2
Analgesics reduction	-63%		-43%

CLINICAL STUDY APHP PARIS «HOPITAL JEAN VERDIER» SERVICE PR CHAMPAUL (108 PATIENTS, FROM SEPTEMBER 2010 TO DECEMBER 2011).

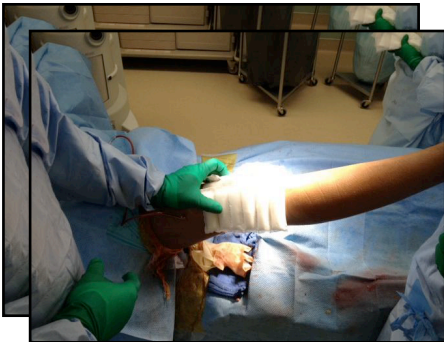
Day surgery!



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A few indications for Orthopedic surgery:



Hip / Knee / Shoulder / Elbow / Hand / Foot / Ankle / Spine / Arthroscopy / Arthroplasty

- Why Alkantiss?
- Helps to reduce Pain, inflammation, edema, and hematoma
- Helps to prevent postoperative complications
- Considered a cross contamination barrier for reducing the risk of Hospital- Acquired Infection (H.A.I.)
- Delivers long lasting cold up to 3 hours, between 5°C (41°F) and 12°C (54° F)
- Can be placed directly on the surgical site in the operating room
- No burns & no re-vascularization issues

ALKANTISS helps to prevent swelling, and control patient's pain

Analgesics side effect could impact patient's metabolism such as "bowel movements" ALKANTISS, is a drug free ! Patients could leave the hospital on time!

The sooner the Better!

<u>Speciality</u>	<u>Indication</u>	<u>Class</u>	<u>Remark</u>	ALKANTISS*
Orthopaedic surgery	Arthroscopy	I-O-P-H	Pre-surgery	1
	Knee prosthesis	I-O-P+H	Haemorrhagic area	4 to 8
	Hip prosthesis	I-O-H	Haemorrhagic area	1-2
	Ankle prosthesis	I-O-P+	Haemorrhagic area	2-4
	Carpal canal	P	-	1
	Shoulder surgery	I-P	-	2-4
	Hallux valgus	I+O+P+H+	-	2
	Cross ligament	I-O-P	Haemorrhagic area	4 to 8
	Spine	I-P-H	- Haemorrhagic area	1-2



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A few indications for General surgery:

Hernia / Laparoscopy / Laparotomy / Appendectomy / Gastroplasty / Subcostal incision



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ALKANTISS is ideal for day surgery!

*Better patient's pain control and better patient's recovery**

The sooner the Better !

Speciality	Indication	Class	Remark	ALKANTISS*
Digestive surgery	Any kinds of hernia & endocrine treatment	I-O-P-H	-Day surgery	1-3
	Thyroidectomy	O - I* - H	Less suffocation & prevents chest haematoma	1-3
	Abdominal wall hernia repair	O-H	-	1-2
	Subcutaneous implant: (implantable chamber,...)	I-O-P-H	-	1
	Hepatic Lobectomy	I+ P+	-	1
	Laparotomy	I-O-P-H	Median transversal	1
	Celioscopy	I* - P+	-	1
	Haemorrhoid	I - P	-	1

* Champault study (Hernia)



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Prevent rather than treat!



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A few indications for Plastic surgery, Reconstructive



Blepharoplasty / Rhytidectomy / Rhinoplasty / Liposuction / Breast / Abdominoplasty

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- No burns & no re-vascularization issues

*ALKANTIS help to prevent swelling, which means less tensions on incisions!
Better scars recovery and less visible !*

The sooner the Better !

Speciality	Indication	Class	Remark	ALKANTIS*
Plastic surgery Reconstructive and Aesthetic surgery	Mastectomy & Breast implants	I-O-P-H	-	1-2
	Rhinoplasty	I-O-H	-	1
	Blepharoplasty	I-P-O-H	-	2
	Auricle & external Ear	I-O-P-H	-	1
	Lifting	I-O-P-H	-	2
	Liposuction	O-P-H	-	2-3
	Aesthetic medicine (injection)	P-H	Reduce redness	1-2



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A few indications for Gynecology, Obstetric & Urology :



Caesarian / Episiotomy / Hysterectomy / Prostatectomy / Cystectomy / Nephrectomy

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Lady could seat 24 hours after an episiotomy!!

ALKANTIS is a drug free therapy, which means passing less narcotics through breast milk!!

The sooner the Better!

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Urological and Gynaecological surgery Obstetric	Nephrectomy	I-O-P-H	Lateral surgery	1-2
	Cystectomy	I-O-P-H	Haemorrhagic area	1-3
	Prostatectomy	I-O-P-H	Haemorrhagic area	1-3
	Hysterectomy	I+ O-P-H	-	1-3
	Caesarean	I+ O-P-H	-	1-3
	Perineum episiotomy	O-P-H	Haemorrhagic area Infectious risk area	1-3



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A few indications for Electrophysiology and Cardiac:



Pacemaker / Defibrillator / Thoracotomy / Sternotomy / Catheter

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*ALKANTISS could be used in PRE surgery to prevent bleeding.
Helpful for patient under "anticoagulant" for example!*

*Analgesics side effect could impact patient's metabolism such as "bowel movements"
ALKANTISS, is a drug free !
Patients could leave the hospital on time!*

The sooner the Better !

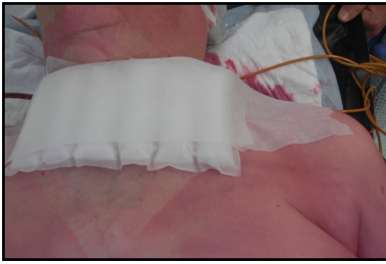
<u>Speciality</u>	<u>Indication</u>	<u>Class</u>	<u>Remark</u>	ALKANTISS*
Cardiac surgery	Thoracotomy	I ⁺ - H ⁺ - P ⁺	Haemorrhagic area	1 to 2
	Sternotomy	P-H	Haemorrhagic area	1 to 3
	Pacemaker Electrophysiology	I-O-P-H	Pocket Haematoma	1
	Acces: Central Catheter	I-O-P	Aneurism area	1
	Stent insertion (PTCA)	I-O-P	Aneurism area	1



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A few indications for vascular surgery:



Carotid / Varicose vein / Phlebotomy/ Saphenectomy / Vena cava / Coronagraph / Stent / Dilatation / Aorta & Arteries

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*Femoral access:
Helps to better control
aneurism carpa*

*Helps to reduce
hematoma after
compression!*

The sooner the Better!

Speciality	Indication	Class	Remark	ALKANTIS*
Vascular surgery	Varicose vein	I-P-H	Local pain control	1 to 2
	Vena Cava	I-O-P-H	-	1
	Coronagraph	P-H	Aneurism area	1
	Stent and dilatation	I-P-H	Aneurism area	1
	Carotid	I-P-H	Suffocation	1
	Aorta & Arteries	I-P-H	-	1
	Phlebotomy- Saphenectomy	I-P-H	Cross saphen	1



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A few indications for Wound Care:



Debridement / Skin excision / Skin repair / Skin evacuation / Skin autograph / Dermolipectomy / Lifting

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*ALKANTIS induces a deep local anesthesia.
No need of drugs!
Savings! and safe comfort for the patient!*

The sooner the Better !

<u>Speciality</u>	<u>Indication</u>	<u>Class</u>	<u>Remark</u>	<u>ALKANTIS*</u>
Wound care	Skin Excision	I-O-P-H	Pain	1
	Debridement	I-O-P+H	Debridement	1 - 2
	Skin repair	I-O-P-H	Pain	1-2
	Skin evacuation	I-O-P-H	Debridement	1-2
	Skin infectious excision	I-O-P-H	Pain	1
	Skin autograft	I-O-P-H	Pain	1
	Dermolipectomy	I-O-P-H	Pain	1-2



Congress Participation:

AORN St Diego,
March 4-6, 2013
Booth N° 3945

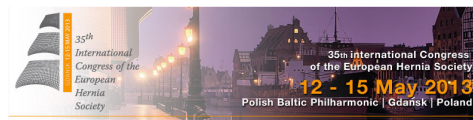
HAS Orlando, March
13-16, 2013
Booth N° 408

AAOS Chicago, March
20-22, 2013
Booth Contact US

EHS, Gdansk Poland
May 12-15, 2013
Booth Contact US

MESH, Paris France
June 14, 2013
Booth Contact US

ACS Washington,
October 6-10, 2013
Booth Contact US



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