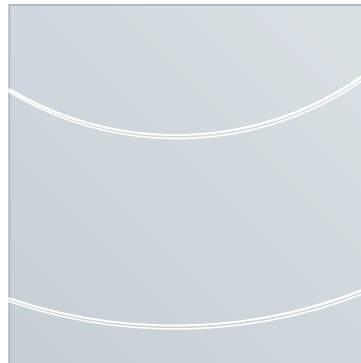


PRESSURECARE

2016

Pressure Relief & Patient Positioning



Trulife Overview

Trulife is an internationally based and managed group engaged in the creation, development, manufacture and marketing of niche healthcare products. In addition to Pressurecare pads for the Operating Tables, the Group activities encompass product ranges, Orthopaedics, Prosthetics, Breastcare and Wheelchair cushions. For further details on all our product ranges please visit our website: www.trulife.com



The Pressurecare Story

Trulife began making Breast Prostheses in 1987 to make life for women following breast cancer, a little easier. We enjoy a well-deserved reputation as manufacturing the most natural products on the market today.

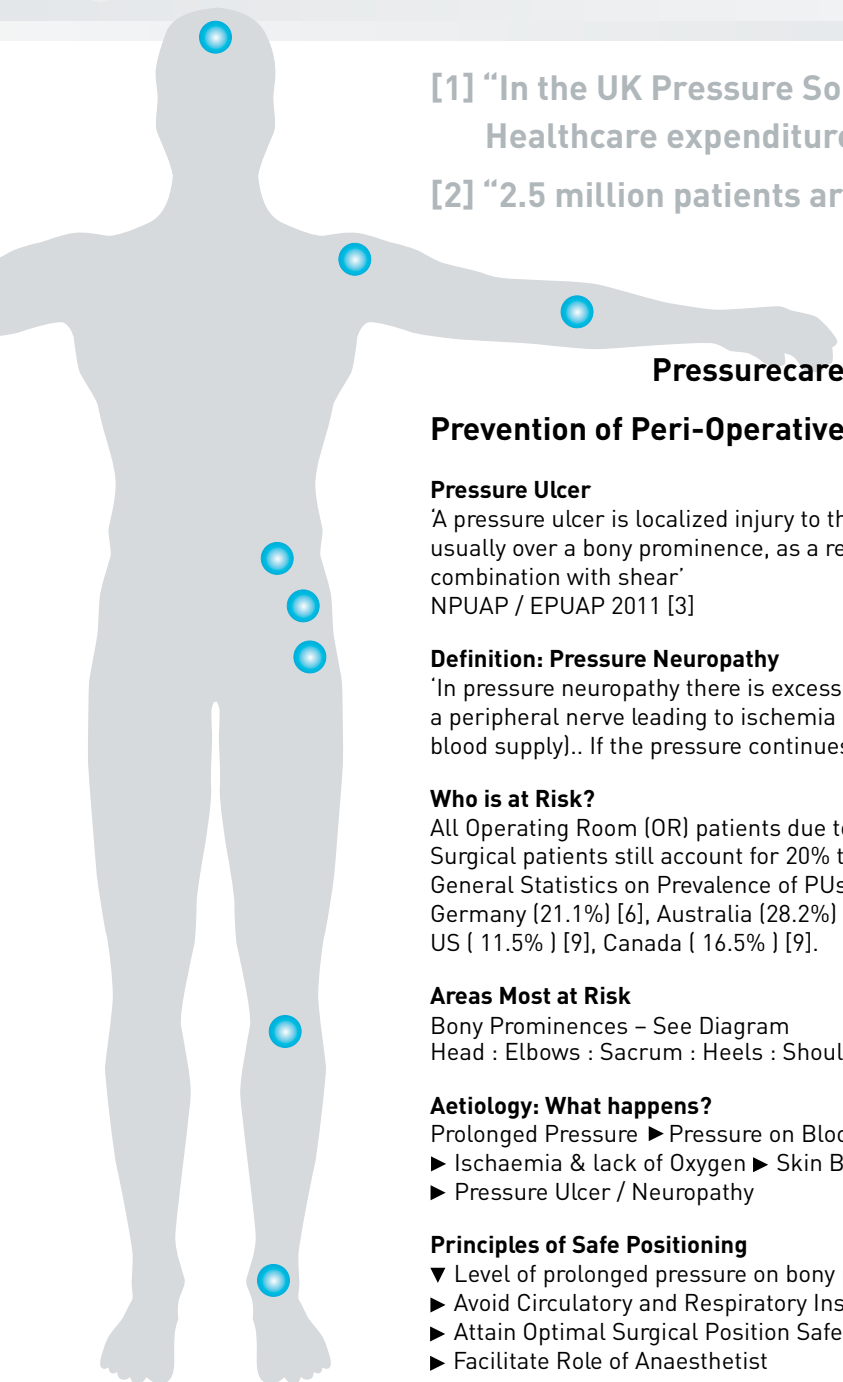
The knowledge that silicone is a well-recognised material in the medical industry, compatible with skin, durable, and excellent at relieving and re-distributing pressure, encouraged the Trulife team to pursue other uses for silicone.

In 1995 Trulife began manufacturing pressure relieving products for the operating theatre, helping prevent patients from developing pressure sores and nerve injury during surgery. We are now market leaders in many countries around the world.

Mission Statement

The core philosophy is a belief in serving customers' needs through excellence in product innovation, quality in everything we do, extensive education and training offerings, and development of patient care through committed and dedicated people.

INTRODUCTION	2
Pressurecare	2
Trulife Ranges	3
PRODUCT GUIDE	4
Table Pad Protection	4
Head & Neck Protection	7
Arm & Elbow Protection	10
Body Protection	12
Leg & Knee Protection	17
Ankle, Heel & Foot Protection	18
Speciality Pad Protection	20
Paediatric Products	21
Accessories	25
POSITIONING GUIDE	26
Supine	26
Prone	27
Lateral	28
Lithotomy	29
TECHNICAL GUIDE	31



[1] "In the UK Pressure Sores absorb around 4% of the National Healthcare expenditure"

[2] "2.5 million patients are treated for pressure sores in the USA"

Pressurecare

Prevention of Peri-Operative Pressure Injury Definition:

Pressure Ulcer

A pressure ulcer is localized injury to the skin and/or underlying tissue usually over a bony prominence, as a result of pressure, or pressure in combination with shear

NPUAP / EPUAP 2011 [3]

Definition: Pressure Neuropathy

'In pressure neuropathy there is excessive pressure on a nerve root or a peripheral nerve leading to ischemia (not enough oxygen due to poor blood supply).. If the pressure continues, fibrosis tends to develop.' [4]

Who is at Risk?

All Operating Room (OR) patients due to level of Impaired Mobility. Surgical patients still account for 20% to 30% of all pressure injuries.[5] General Statistics on Prevalence of PUs Germany (21.1%) [6], Australia (28.2%) [7], Italy (27%) [8] US (11.5%) [9], Canada (16.5%) [9].

Areas Most at Risk

Bony Prominences – See Diagram
Head : Elbows : Sacrum : Heels : Shoulders : Hips : Buttocks : Knees.

Aetiology: What happens?

Prolonged Pressure ► Pressure on Blood Capillaries / Nerves
► Ischaemia & lack of Oxygen ► Skin Breakdown or Nerve Compression
► Pressure Ulcer / Neuropathy

Principles of Safe Positioning

▼ Level of prolonged pressure on bony prominences and nerve endings
► Avoid Circulatory and Respiratory Insufficiency
► Attain Optimal Surgical Position Safely
► Facilitate Role of Anaesthetist

Intervention - Pressure Injuries can be prevented! Use Preventative measures! Educate Staff!

Trulife offers an Extensive Range of Equipment for Pressurecare Management in the OR

The prevention of pressure injury assumes a fundamental role in health services economics and management. [10]



[1] Preventing Pressure Ulcers: The Goal Is Zero K. Duncan, R.N. The Joint Commission Journal on Quality and Patient Safety 2007; Vol 33 (10) 605 – 610

[2] The Cost of pressure ulcers in the UK G. Bennett, C. Dealey, J. Posnett age and ageing: Vol 33 (3) 230 – 235

[3] www.epuap.org www.npuap.org [4] www.medterms.com

[5] Patient Positioning: Education is key. www.surgicalproductsmag.com. 2010. Claire Williams Tager

[6] Lahmann N. et al., J. Ostomy/Wound Management.52: 20-33, 2006. [7] Gardner A. et al., J. Wound Practice and Research. 17:134-145, 2009.

[7] Lahmann N. et al., J. Ostomy/Wound Management.52: 20-33, 2006. [8] Capon A. et al., J. Advanced Nursing. 58: 263-272, 2007.

[9] Healthcare Management Council Inc. HMC: Hospitals lose \$2 Million in errors yearly. March 5, 2010. Assessed March 11,

2010 from: <http://www.hmc-benchmarks.com/2010/03/hmhospitals-lose-2-million-in-errors-yearly/>

[10] ECONOMIC EVALUATION OF PREVENTION OF PRESSURE ULCERS IN INTENSIVE CARE UNITS

Andrade, Melanie 1*, Nogueira, Fernanada 2, Morais, Ernesto 3: EPUAP Annual Meeting 2011

The incidence of OR-acquired pressure sores can be significantly reduced by using the most effective pressure relieving and positioning devices available and by employing a few basic concepts in positioning care. Education of OR staff is paramount.

The Trulife Pressurecare Ranges were developed as a result of our commitment to provide improved levels of pressure care products to both patients and healthcare systems. Vast amounts of in-depth research have gone into the development of each range. The Trulife Pressurecare range offers a simple and cost effective solution with a comprehensive offering to cover all surgical procedures.

Why select the Trulife Range?

- Re-distributes weight effectively
- Reusable
- Cost Saving
- Medical Grade Silicone
- Extensive range
- Easy to Clean
- Different budgets considered
- Biocompatible
- Made in Ireland



OASIS - THE ORIGINAL SILICONE SOLUTION



The Oasis range is an extensive range of reusable 100% silicone gel pads. The silicone we use is softer than both skin and underlying tissue. This means that pressure is relieved by the slight movement of the silicone gel and resulting dissipation of pressure/force across the product. It is the first range of products launched by Trulife in the OR field and remains a market leader in gel pads and positioners.

OASIS ELITE - LIGHTWEIGHT & PRE CONTOURED



The Oasis Elite range combines silicone gel and light weight foam with a precontoured surface to provide superior pressure relief and patient protection in the OR. Anatomical pre-contouring facilitates greater conformity between gel and body shape; weight is then redistributed over a larger area. Oasis Elite products are more than 50% lighter than comparable gel-only products. They are designed for stability, easier handling and manipulation by medical personnel during preparation and surgery.

AZURE - REDEFINING PRESSURECARE



The Azure range is the most advanced and innovative range of products available in the OR today. The Azure range offers the best pressure redistribution. Each product consists of two independent protective silicone layers that work in combination allowing the moulded products to effectively conform to the individual user's shape in a more contoured and less structured manner, resulting in effective protection against nerve damage and skin breakdown. The new approach by Trulife was to create a product that replicates and acts as an additional layer of protective tissue and skin. Azure has set a whole new standard of protection in the OR.

OASIS + - A REVOLUTION IN PRESSURECARE



The Oasis + products are made from a medical grade siloxane elastomer. Additional durability is ensured because the products have no outer film, making this an entirely unique product range. The shape and design of the product promotes the ultimate in pressure relief. The material has hypoallergenic and anti slip properties helping to provide comfort and support to the patient.

Surgical Positions products are suitable for:

Supine **S**

Prone **P**

Lithotomy **L**

Lateral **LL**

Paediatrics **P**

* Indicates use

S P L LL



P

AZURE PROFILE PADS

The Azure Table Pads combine the ultra-soft and lightweight silicone material on the base and the cured silicone gel on top, with a unique squared profile that cushions the body during surgery. The pads are up to 20% lighter than comparative gel pads.

CODE	DESCRIPTION	DIMENSIONS
AZ610	Universal Table Pad	520 x 520 x 10mm
AZ611	3/4 Length Table Pad	1150 x 520 x 10mm

S P L LL



P

AZURE TABLE PADS

The Azure Table pads can be used to protect the body in all surgical positions. The Azure Table Pads combine the ultra - soft and lightweight silicone material of the base and the cured silicone gel on top. The pads are up to 20% lighter than comparative gels.

CODE	DESCRIPTION	DIMENSIONS
AZ600	Operating Table Pad	520 x 520 x 10mm
AZ601	Operating Table Pad	1150 x 520 x 10mm

S P L LL



P

OASIS ELITE TABLE PADS

The Oasis Elite Pads can be used to protect the body in all surgical positions. The ultra light weight pad consists of a foam base and a gel top, allowing for easy carrying and manipulation by OR staff.

CODE	DESCRIPTION	DIMENSIONS
EL030	Universal Table Pad	520 x 520 x 30mm
EL031	3/4 Length Table Pad	1150 x 520 x 20mm

S P L LL



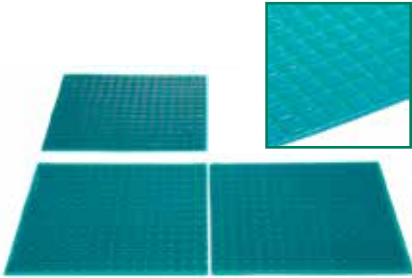
P

OASIS STANDARD OPERATING TABLE PADS

These Oasis table pads provide protection over the entire surface area of the operating table and are recommended for use with patients in all positions. The pads are flexible, soft, comfortable and versatile and distribute weight evenly over the entire surface area.

CODE	DESCRIPTION	DIMENSIONS
OA030	Universal Table Pad	520 x 520 x 10mm
OA031	3/4 Length Table Pad	1150 x 520 x 10mm
OA032	Full Length Table Pad	1800 x 520 x 10mm

S P L LL



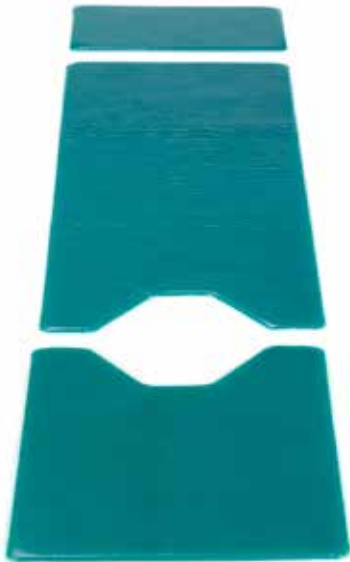
P

OASIS PROFILE PAD

The Oasis Profile Pad has a series of 30mm₂ raised Trugel profiles that increase the overall surface area of the pad by 33%. This unique design allows for greater weight distribution and is particularly effective during extended procedures.

CODE	DESCRIPTION	DIMENSIONS
OA041	Universal Profile Pad	520 x 520 x 12mm
OA042	¾ Length Profile Pad	1145 x 520 x 12mm

S P L LL



P

OASIS 3 PIECE OPERATING TABLE PAD

The Oasis 3 Piece Operating Table Pad is designed for use on sectioned tables. The set consists of a head section, torso section and a foot section, with the latter two having a perineal cutout. The product provides a high degree of flexibility, versatility and protection during a variety of surgical procedures, particularly in the areas of Orthopaedics and Urology. Can also be used as a standard full length table pad.

CODE	DESCRIPTION	DIMENSIONS
OA036	Head Section	225 x 500 x 10mm
OA037	Torso Section	990 x 500 x 10mm
OA038	Foot Section	500 x 500 x 10mm
OA039	3 Piece Set	-



P

OASIS FULL LENGTH PAEDIATRIC PAD

Used to protect paediatric patients during all surgical procedures, this pad can also be used as a mattress overlay in hospital beds.

CODE	DESCRIPTION	DIMENSIONS
OA033	Paediatric Full Length Pad	605 x 335 x 10mm

S P L LL



P

OASIS HIP PAD

The Oasis Hip Pad is a flat pad specifically designed for use on hip fracture table tops.

CODE	DESCRIPTION	DIMENSIONS
OA035	Hip Pad	520 x 520 x 10mm

S P L LL



P

OASIS PERINEAL TABLE PAD

The Oasis Perineal Pad provides excellent protection to the sacral area, a point of maximum pressure. It is essential for all patients in the lithotomy position.

CODE	DESCRIPTION	DIMENSIONS
OA040	Perineal Table Pad	520 x 520 x 10mm



P

INCUBATOR PAD

This unique ultra soft foam pad provides a soft and comforting base for neonates while providing all-round protection from pressure sores and nerve damage.

CODE	DESCRIPTION	DIMENSIONS
OA300	Incubator Pad	620 x 340 x 12mm

S L LL



AZURE HEAD PROTECTOR

The dual layer Azure Head Protector is innovatively designed to contour to the individual patient's head, conforming comfortably while providing effective protection to the patient.

CODE	DESCRIPTION	DIMENSIONS
*AZ100	Infant/Adolescent/Adult	260 x 250 x 50mm



P * Infant/Adolescent only

P



OASIS ELITE PRONE HEAD REST

Developed in conjunction with the Operating Staff at a leading hospital, the Oasis Elite Prone Head Rest is anatomically designed so that the patient's head can comfortably rest face down with respiratory tubes in place. The unique design provides excellent support, stability, comfort and protection during surgery in the prone position, with openings on both sides. The product is lightweight, durable and easy to handle.

CODE	DESCRIPTION	DIMENSIONS
*EL142	Adolescent/ Adult	273 x 220 x 135mm
EL141	Adult	280 x 240 x 140mm



P * Adolescent only

S



OASIS ELITE SUPINE HEAD REST

This Supine Head Rest is ideal for positioning the patient during eye surgery and other supine procedures. Ergonomically shaped to position the patient's head, while effectively protecting against the onset of pressure sores.

CODE	DESCRIPTION	DIMENSIONS
*EL152	Adolescent	275 x 230 x 65mm
EL151	Adult	275 x 237 x 90mm



P

* Adolescent use only

S

L

LL



OASIS ELITE CLOSED HEAD RING

Unique gel & foam combination conforms comfortably to the patient's head, this head ring is suitable for use in many surgical procedures.

CODE	DESCRIPTION	DIMENSIONS
*EL011	Infant/Adolescent	Ø140 x 34mm
EL012	Adult	Ø200 x 50mm



P

* Infant/Adolescent only

P

LL



OASIS ELITE OPEN HEAD RING

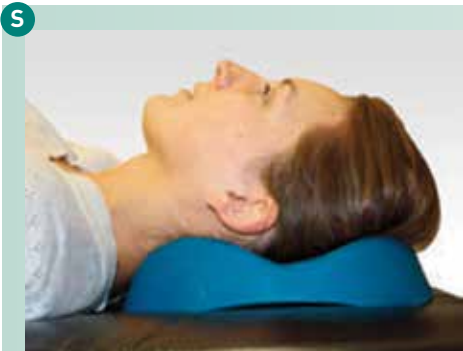
Combination of gel and foam provides stability and protection to the patient's face during surgery. An opening allows for intubation.

CODE	DESCRIPTION	DIMENSIONS
*EL021	Infant/Adolescent	Ø140 x 34mm
EL022	Adult	Ø200 x 54mm



P

* Infant/Adolescent only



OASIS + HEAD & NECK SUPPORT

The Oasis + Head & Neck support is ergonomically designed to support the head and neck. The product has anti slip properties designed for additional safety. Proving popular in ENT for septoplasty, some cases of laryngoscopes and thyroidectomy.



CODE	DESCRIPTION	DIMENSIONS
OP151	Adult	264 x 220 x 64mm



OASIS CLOSED HEAD RING

Available in a wide variety of size options, the Oasis Closed Head Ring protects the head, neck and ears during all types of surgery and is suitable for use in many procedures.



CODE	DESCRIPTION	DIMENSIONS
OA010	Neonate/New born	Ø90 x 20mm
OA011	Infant / Adolescent	Ø140 x 35mm
OA012	Adolescent/ Adult	Ø200 x 45mm



OASIS OPEN HEAD RING

Soft, comfortable and durable, the Oasis Open Head Ring supports the patient's face, while allowing easy access for intubation during surgery.



CODE	DESCRIPTION	DIMENSIONS
OA020	Neonate/New born	Ø90 x 22mm
OA021	Infant / Adolescent	Ø140 x 35mm
OA022	Adolescent/ Adult	Ø200 x 50mm



OASIS FACE PAD

The Oasis Face Pad is ergonomically designed to protect the patient's forehead from pressure caused by endotracheal tubes.

CODE	DESCRIPTION	DIMENSIONS
OA140	Face Pad	165 x 80 x 8mm

S P LL



P

AZURE ARM PROTECTOR

The Azure Arm Protector assumes the shape of the individual patient's arm, acting as a second layer of tissue and offering excellent protection against nerve damage.

CODE	DESCRIPTION	DIMENSIONS
AZ200	Infant/Adolescent/Adult	330 x 140 x 30mm
AZ201	Adolescent/ Adult	460 x 180 x 35mm



S P L LL



OASIS ELITE CONTOURED ARM BOARD PAD

This anatomically shaped armboard pad is designed to provide added support and stability to the arm in a variety of procedures.

CODE	DESCRIPTION	DIMENSIONS
EL101/EL401	Adult	510 x 155 x 40mm
EL102/EL402	Adolescent/ Adult	395 X 140 X 40mm



S P L LL



P

OASIS ELITE ARMBOARD PAD

This flat armboard pad has a slight indentation to cradle the arm and provide effective pressure relief during various surgical procedures.

CODE	DESCRIPTION	DIMENSIONS
EL072	Adolescent/Adult	600 x 125 x 20mm
EL070	Infant/Adolescent/Adult	400 x 125 x 20mm

S P L LL



OASIS CONTOURED ARMBOARD PAD

This contoured armboard pad has been designed for use on a standard table extension. Its contoured shape provides excellent protection as well as keeping the arm in place.

CODE	DESCRIPTION	DIMENSIONS
OA101	Armboard Pad	510 x 150 x 35mm



S P L LL



OASIS ARMBOARD PADS

Oasis Armboard Pads provide the necessary protection whenever the arm is extended on an armboard. Suitable for all types of armboards.

CODE	DESCRIPTION	DIMENSIONS
OA070	Infant/Adolescent/Adult	395 x 115 x 10mm
OA071	Infant/Adolescent/Adult	600 x 200 x 10mm
OA072	Adolescent / Adult	600 x 125 x 10mm
OA073	Adolescent / Adult	605 x 427 x 10mm



P

S L LL



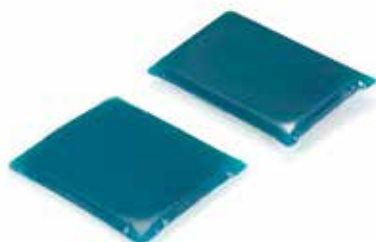
OASIS ULNAR / BRACHIAL NERVE PROTECTORS

The Oasis Ulnar / Brachial Nerve Protectors are essential for providing protection to the sensitive areas of the elbows and arms.

CODE	DESCRIPTION	DIMENSIONS
OA060	Adolescent/ Adult	380 x 115 x 8mm
OA061	Adolescent/ Adult	460 x 210 x 8mm
OA062	Adolescent/ Adult	460 x 380 x 8mm

P * Adolescent only

S



OASIS ARM RETAINER PAD

The Oasis Arm Retainer Pad has been specially designed to fit perspex / acrylic arm supports. It can be easily fitted with Velcro attachments.

CODE	DIMENSIONS
OA100	170 x 110 x 18mm
OA102	157 x 128 x 15mm



P

S L



AZURE SACRAL PROTECTOR

The Sacral area is an area of serious risk if left unprotected. The Azure Sacral protector has been designed to provide support in the supine and lithotomy positions by relieving pressure and focussing on peripheral support.

CODE	DESCRIPTION	DIMENSIONS
*AZ300	Adolescent/Adult	400 x 380 x 25mm
AZ301	Adult	450 x 445 x 30mm



P * Adolescent only

S P LL



AZURE UNIVERSAL POSITIONER

This versatile and lightweight product can be used to position and protect the patient in variety of surgical procedures.

CODE	DESCRIPTION	DIMENSIONS
AZ500	Adolescent/ Adult	425 x 155 x 60mm



P * Adolescent only

P LL



OASIS ELITE PRONE LATERAL POSITIONING SYSTEM The

Prone/Lateral Positioning System from Trulife is the result of extensive research into the needs of Operating Room personnel for patients during surgical procedures in the prone/lateral position.

Designed with both patient and surgical staff in mind, this system offers the ultimate pressure relieving protection and effective positioning all in one.



CODE	DESCRIPTION	DIMENSIONS
EL905	Oasis Elite Prone/Lateral Positioning System	675 x 500 x 100mm

REPLACEMENT PARTS AVAILABLE:

EL906	Upper Left Section /Lower Right Section	275 x 250 x 100mm
EL907	Upper Right Section /Lower Left Section	275 x 250 x 100mm
EL908	Mid Left Section /Mid Right Section	125 x 250 x 100mm
EL912	Base Plate	500 x 500 x 6mm

P



OASIS ELITE PRONE POSITIONER

The Prone Positioner gel and foam combination has been designed to provide effective positioning to the patient during surgical procedure in the prone position. For best protection, it is recommended to be used in conjunction with the Prone Head Rest.

CODE	DESCRIPTION	DIMENSIONS
EL903	Adult	610 x 530 x 130mm



P



OASIS ELITE LARGE PRONE POSITIONER

The Large Prone Positioner eliminates pressure on the abdomen and facilitates easy ventilation and circulation during long cases in prone position, i.e surgeries to the backs of legs and laminectomy procedure.

CODE	DESCRIPTION	DIMENSIONS
EL904	Adult	1115 x 520 x 140mm



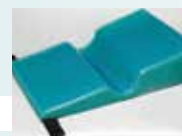
LL



OASIS ELITE LATERAL POSITIONER

This positioning device permits a safe, quick and easy transition from supine to lateral. The patient's lower shoulder fits into the integral channel to provide exceptional patient comfort and nerve protection. The Lateral Positioner is designed for use in hip replacement, shoulder, kidney and other procedures. The built-in headrest and auxiliary support assists in proper spinal alignment and surgical site access.

CODE	DESCRIPTION	DIMENSIONS
*EL900	Adolescent/ Adult	720 x 500 x 160mm



P

* Adolescent only: Lateral Position

S P



OASIS ELITE DOME POSITIONER

This lightweight positioner can be used to position and protect the patient during various surgical procedures in all positions. It can be used in many different applications.

CODE	DESCRIPTION	DIMENSIONS
*EL210	Adolescent / Adult	350 x 150 x 75mm

P

* Adolescent only: For Prone Position

S P L LL



OASIS ELITE FLAT BOTTOM CHEST ROLLS

Chest Rolls provide excellent support and stability. The unique gel and foam combination means they are up to 75% lighter than comparative gel products, allowing for easy manipulation and handling by OR staff.

CODE	DESCRIPTION	DIMENSIONS
EL214	Adult	300 x 140 x 110mm
EL215	Adult	400 x 140 x 110mm
EL216	Adult	505 x 140 x 110mm
EL217	Adult	405 x 150 x 150mm
EL218	Adult	510 x 150 x 150mm

S P L LL



OASIS FLAT BOTTOM CHEST ROLLS

These 100% silicone gel chest rolls provide excellent positioning and stability and are available in a wide variety of sizes.

CODE	DESCRIPTION	DIMENSIONS
*OA208	Infant	150 x 80 x 50mm
*OA209	Infant	200 x 80 x 50mm
*OA210	Infant / Adolescent	245 x 80 x 50mm
OA211	Adult	305 x 95 x 75mm
OA212	Adult	405 x 95 x 75mm
OA213	Adult	505 x 92 x 75mm



P *Specific for Paediatrics

S P L LL



OASIS PATIENT POSITIONING BELT

The Oasis Patient Positioning Belt ensures patient safety by providing stability and tissue protection on the Operating Table. By using the clip-lock attachment the belt can be easily adjusted to fit all operating tables. In case of emergency, there is an easy release clip lock that can be removed quickly.

CODE	DIMENSIONS
OA110	505 x 85 x 8mm

S P L LL



P

OASIS EXTREMITY BELT

The Oasis Extremity Belt is used in many procedures for extra security in maintaining the position of the extremities on the operating table.

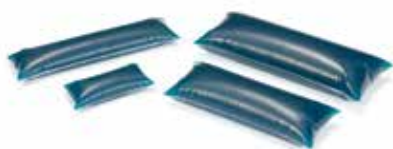
CODE

OA113

DIMENSIONS

315 x 45 x 10mm

S P L LL



P

OASIS UNIVERSAL PATIENT POSITIONERS

These 100% silicone positioners are suitable for safe and effective positioning during all surgical procedures.

CODE

OA050

DESCRIPTION

Infant/Adolescent/Adult

DIMENSIONS

150 x 60 x 40mm

OA051

Infant/Adolescent/Adult

330 x 70 x 50mm

OA052

Adolescent / Adult

290 x 100 x 60mm

OA053

Adolescent / Adult

345 x 120 x 70mm

S P L LL



P

OASIS + DISC

Oasis+ Discs help to support gel products in place and aid in slip reduction.

CODE

OP015

DESCRIPTION

Infant/Adolescent/Adult

DIMENSIONS

200 x 200 x 4mm



S



OASIS PERINEAL POST PAD

The Oasis Perineal Post Pad reduces pressure on the patient in the groin area and is attached quickly and easily with Velcro. Its universal shape and size allows it to be used on most operating room fracture tables.

CODE

OA180

DIMENSIONS

300 x 260 x 10mm

S P LL



AZURE LEG PROTECTOR

The Azure Leg Protector provides overall protection to the heel and leg area. Slightly raised behind the knee, the leg protector offers protection to the popliteal nerve and conforms superbly around the leg. Overall positioning, protection and alignment are the key features of this unique product.

CODE	DESCRIPTION	DIMENSIONS
*AZ400	Adolescent / Adult	515 x 180 x 40mm



P * Adolescent only

L



AZURE CRUTCH STIRRUP PADS

These Crutch Stirrup Pads were designed for use with various types of legholders to protect the nerves and blood vessels in the leg during lithotomy procedures. Lightweight and flexible, the dual layer Azure pads come in pairs and protect against skin shear and nerve injury. Supplied in pairs.

CODE	DIMENSIONS
AZ410	370 x 205 x 25mm

LL



OASIS ELITE LATERAL LEG POSITIONER

This product is used to position the legs in a lateral position for kidney surgery and hip surgery. In addition to comfort, it facilitates optimal surgical positioning. This positioner also allows for knee and hip flexion. To use: Place patient on side, place upper limb on top (gel part of the product), and place lower limb underneath ledge.

CODE	DESCRIPTION	DIMENSIONS
EL800	Adult	650 x 400 x 230mm

P



OASIS ELITE KNEE PAD

The Knee pad is used for various procedures in the prone position to protect the knees against pressure damage and the onset of pressure sores.

CODE	DESCRIPTION	DIMENSIONS
EL401/EL101	Adult	510 x 150 x 40mm
*EL402/EL102	Adolescent / Adult	395 x 140 x 40mm



P * Adolescent only

L



OASIS CRUTCH STIRRUP PADS

The Oasis Crutch Stirrup Pads are designed to fit most types of stirrups. Supplied in pairs, they come in a variety of sizes.

CODE	DESCRIPTION	DIMENSIONS
OA090	Adolescent / Adult	320 x 220 x 10mm
OA091	Adolescent / Adult	395 x 245 x 10mm
OA092	Adolescent / Adult	520 x 300 x 10mm



S

P



AZURE HEEL PROTECTOR

The heel area is one of extreme risk during any surgical procedure and special attention should be given to avoid any unnecessary damage. These lightweight protectors provide heel protection as well as stability and support. Supplied in pairs.

CODE	DESCRIPTION	DIMENSIONS
AZ401	Infant/Adolescent/ Adult	190 x 175 x 30mm



S

P

* Adolescent only



OASIS ELITE HEEL PADS

The Oasis Elite Heel Pads provide support and maximum protection for the heels, even during the longest surgical procedures. They support the Achilles and effectively remove pressure from the heels. Supplied in pairs, the products are lightweight and easy to use.

CODE	DESCRIPTION	DIMENSIONS
*EL130	Adolescent / Adult	180 x 100 x 70mm



S

P

* Adolescent only



OASIS HEEL PADS

These 100% silicone gel pads are suitable for use in any supine procedure where the heels are at risk of skin breakdown and damage.

CODE	DESCRIPTION	DIMENSIONS
*OA130	Adolescent/Adult	180 x 100 x 70mm

S

P



OASIS + HEEL PADS

The Oasis + Heel Pads are anatomically designed for better pressure relief. New design allows full foot to be in resting position while also relieving all pressure from calcaneal aspect of heel.

CODE	DESCRIPTION	DIMENSIONS
OP130	Adolescent/Adult	151 x 134 x 66mm

S



OASIS HEEL CUPS

Oasis Heel Cups are designed to provide pressure relief for patient's heels. They are suitable for use during and after most surgical procedures and can be used also for patients who are confined to bed or are in a day chair.

CODE	DESCRIPTION	DIMENSIONS
OA131	Neonate/ Infant/ Adolescent/Adult	105 x 90 x 43mm



P

S L LL



OASIS HEEL & ANKLE PROTECTOR

These unique pads are designed to fit around the heel and ankle like a boot with Velcro attachment. They provide protective padding for the heel when the patient is in the supine or lateral positions. Can also be used as a protector for the ankle and foot when using conventional ankle strap stirrups and lithotomy poles.

CODE	DESCRIPTION	DIMENSIONS
*OA200	Adolescent/ Adult	250 x 120 x 10mm



* Adolescent only: For Lateral

L



OASIS BOOT STIRRUP PAD

These pads provide excellent pressure relief and protection to the calf and heel and are designed for use on most types of boot stirrups. The pads are secured to the boot stirrup via Velcro.

CODE	DESCRIPTION	DIMENSIONS
*OA160	Adult	605 x 140 x 5mm

* Also suitable for Fowler's position

P



OASIS RELTON FRAME PADS

Designed to fit over the four support pads of the Relton frame and provide excellent protection to the patient when positioned for spinal surgery.

CODE	DESCRIPTION	DIMENSIONS
OA120	Adult	190 x 170 x 18mm



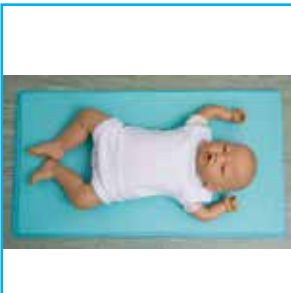
P



OASIS WILSON FRAME PADS

Wilson Frame Pads are designed to provide pressure relief for patients positioned on a Wilson Frame, used to maintain patients in a flexed spine position.

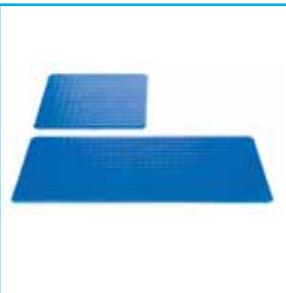
CODE	DESCRIPTION	DIMENSIONS
OA221	Adult	735 x 255 x 10mm



**INCUBATOR PAD
OA300**



**AZURE PROFILE PADS
AZ610 / AZ611**



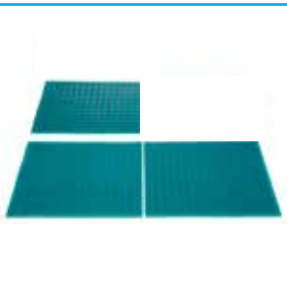
**AZURE TABLE PADS
AZ600 / AZ601**



**OASIS ELITE TABLE PADS
EL030 / EL031**



**OASIS STANDARD OPERATING
TABLE PADS
OA030 / OA031 / OA032**



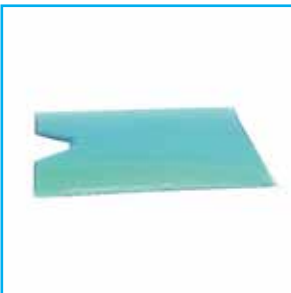
**OASIS PROFILE PAD
OA041 / OA042**



**OASIS 3 PIECE OPERATING
TABLE PAD
OA036 / OA037 / OA038 /
OA039**



**OASIS FULL LENGTH
PAEDIATRIC PAD
OA033**



**OASIS PERINEAL TABLE PAD
OA040**



**AZURE HEAD PROTECTOR
AZ100**



**OASIS ELITE PRONE
HEAD REST
EL142**



**OASIS ELITE SUPINE
HEAD REST
EL152**



OASIS ELITE CLOSED
HEAD RING
EL011



OASIS ELITE OPEN
HEAD RING
EL021



OASIS CLOSED
HEAD RING
OA010 / OA011



OASIS OPEN HEAD RING
OA020 / OA021



OASIS FACE PAD
OA140



AZURE ARM PROTECTOR
AZ200



OASIS ELITE ARMBORD PAD
EL070



OASIS ARMBORD PADS
OA070 / OA071 / OA072 /
OA073



OASIS ULNAR / BRACHIAL
NERVE PROTECTORS
OA060 / OA061 / OA062



OASIS ARM RETAINER PAD
OA100 / OA102



AZURE SACRAL PROTECTOR
AZ300



AZURE UNIVERSAL POSITIONER
AZ500



OASIS ELITE LATERAL
POSITIONER
EL900



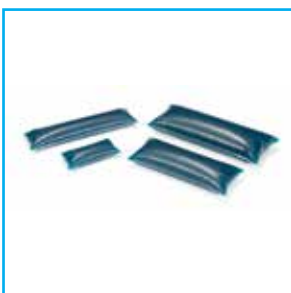
OASIS ELITE DOME
POSITIONER EL210



OASIS FLAT BOTTOM CHEST
ROLLS
OA208 / OA209 / OA210



OASIS EXTREMITY BELT
OA113



OASIS UNIVERSAL PATIENT
POSITIONERS
OA050 / OA051 / OA052
/ OA053



AZURE LEG PROTECTOR
AZ400



OASIS ELITE KNEE PAD
EL402



AZURE HEEL PROTECTOR
AZ401



OASIS ELITE HEEL PADS
EL130



OASIS HEEL PADS
OA130



OASIS HEEL CUPS
OA131



OASIS HEEL & ANKLE
PROTECTOR
OA200





Operating Room Poster

Trulife

PROTECTION FOR ALL SURGICAL PROCEDURES

SUPINE POSITION

- General Anaesthesia
- Abdominal Surgery
- Open Heart Surgery
- Surgery on Face, Neck or Mouth
- Most Surgery on Extremities

PRONE POSITION

- Surgery on the Back, Spine and/or back of the Legs

LATERAL POSITION

- Chest or Lungs
- Surgery on the Kidney
- Hip Surgery

LITHOTOMY POSITION

- Gynaecological
- Genitourinary (GU)

Oasis Oasis elite AZURE

www.trulife.com

Positioning Guide

SUPINE POSITION

INCLUDES TRENDLENBURG & REVERSE TRENDLENBURG

The patient is on their back with face toward ceiling, legs are uncrossed and arms are at the side or on arm boards.

USES

- Administration of General Anaesthesia
- Abdominal Surgery
- Open Heart Surgery
- Surgery on Face, Neck or Mouth
- Most Surgery on Extremities

BODY AREA	PRODUCT DESCRIPTION	CODING
HEAD & NECK	Head Protector	A2100
	Closed Head Rings	EL011 / 12
	Supine Head Rest	QA059 / 11 / 12
	Face Pad	SL151 / 52 QA148
ARM & ELBOW	Arm Protectors, Ambidextrous Pads	A2200 / 201
	Ulnar / Brachial Protector	EL120 / 12 / 105 / 103
	Arm Restraint Pad	QA181 / 879 / 071 / 072
	Arm Restraint Pad	QA089 / 100
BODY	Table Pads	A2100 / 11 EL000 / 31 QA059 / 30 / 33 / 35 / 34 / 37 / 38 / 39 / 40
	Sacral Protector	QA041 / 42 / 43
	Universal Positioner	A2200 / 301
	Obese Positioner	EL120
	Patient Positioners	QA059 / 11 / 52 / 53
	Positioning Orb	QA119
	Extremity Rest	QA112
	Perineal Post Pad	QA180
	Leg Protector	A2400
	Heel Protector	A2401
ANKLE, HEEL & FOOT	Heel Pads	EL130 / QA130
	Heel Cuffs	QA131
	Heel & Ankle Protector	QA200
	Traction Sheet Pad	QA189
	Chest Rollers	EL114 / 210 / 216 / 217 / 218
		QA211 / 12 / 13

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SUPINE

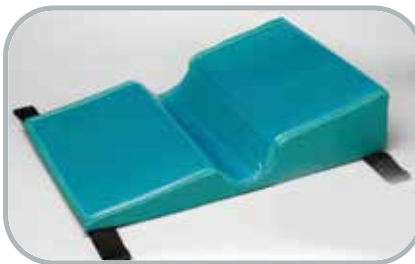
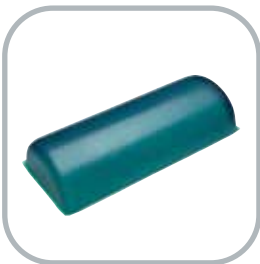
BODY AREA	PRODUCT DESCRIPTION	CODES
HEAD & NECK	Head Protector Closed Head Rings Head & Neck Support Supine Head Rest Face Pad	AZ100 EL011 / 12 OA010 / 11 / 12 OP151 EL151 / 52 OA140
ARM & ELBOW	Arm Protectors Arm/Kneeboard Pads Ulnar / Brachial Protector Arm Retainer Pad	AZ200 / 201 EL070 / 72 / 101 / 102 OA101 / 070 / 071 / 072 / 073 OA060 / 061 / 062 OA100 / 102
BODY	Table Pads Sacral Protector Universal Positioner Dome Positioner Patient Positioners Positioning Belt Extremity Belt Perineal Post Pad Chest Rolls Oasis + Discs	AZ 600 / 601 / 610 / 611 EL030 / 31 OA030 / 31 / 32 / 35 / 36 / 37 / 38 / 39 / 40 / OA041 / 42 AZ300 / 301 AZ500 EL210 OA050 / 51 / 52 / 53 OA110 OA113 OA180 EL214 / 215 / 216 / 217 / 218 OA211 / 212 / 213 OP015
LEG & KNEE	Leg Protector	AZ400
ANKLE, HEEL & FOOT	Heel Protector Heel Pads Heel Cups Heel & Ankle Protector	AZ401 EL130 / OA130 / OP130 OA131 OA200



PRONE



BODY AREA	PRODUCT DESCRIPTION	CODES
HEAD & NECK	Head Protector Open Head Rings	AZ100 EL021 / 22 OA020 / 21 / 22
	Prone Headrest	EL141 / 142
ARM & ELBOW	Arm Protectors Armboard Pads	AZ200 / 201 EL070 / 72 / 101 / 102 OA101 / 070 / 071 / 072 / 073
BODY	Table Pads	AZ 600 / 601 / 610 / 611 EL030 / 31 OA030 / 31 / 32 / 35 / 36 / 37 / 38 / 39 / 40 / OA041 / 42
	Prone Positioning System Prone Positioner Large Prone Positioner Universal Positioner Chest Rolls	EL905 / 906 / 907 / 908 / 912 EL903 EL904 AZ500 EL214 / 215 / 216 / 217 / 218 OA211 / 12 / 13
	Dome Positioner Patient Positioners Extremity Belt Positioning Belt	EL210 OA050 / 51 / 52 / 53 OA113 OA110
LEG & KNEE	Arm / Knee Pad Leg Protector	EL401 / 402 AZ400
ANKLE, HEEL & FOOT	Dome Positioner	EL210
SPECIALITY PAD	Relton Frame Pads	OA120
	Wilson Frame Pads	OA221



LATERAL

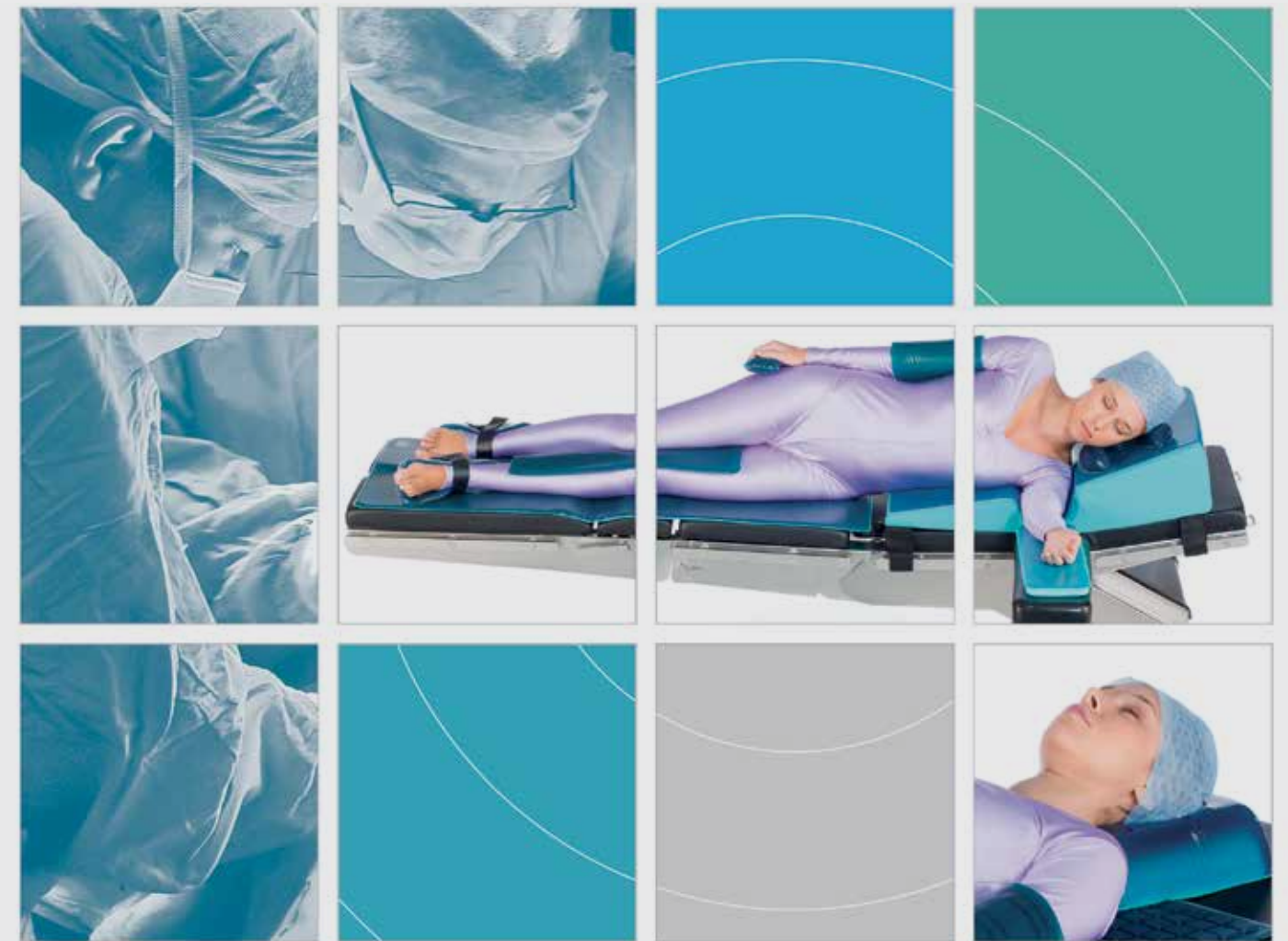
BODY AREA	PRODUCT DESCRIPTION	CODES
HEAD & NECK	Open Head Ring	EL021 / 022
	Head Protector	OA020 / 021 / 022
	Closed Head Rings	AZ100
	Face Pad	EL011 / 12 OA010 / 11 / 12 OA140
ARM & ELBOW	Arm/Knee Protectors	AZ200 / 201
	Armboard Pads	EL070 / 72 / 101 / 102
	Ulnar / Brachial Protector	OA101 / 070 / 071 / 072 / 073 OA060 / 061 / 062
BODY	Table Pads	AZ600 / 601 / 610 / 11 EL030 / 31 OA030 / 31 / 32 / 33 / 35 / 36 / 37 / 38 / 39 / 40 / OA041 / 42
	Lateral Positioner	EL900
	Prone Positioning System	EL905 / 906 / 907 / 908 / 912
	Universal Positioner	AZ500
	Patient Positioners	OA050 / 51 / 52 / 53
	Positioning Belt	OA110
	Extremity Belt	OA113
	Flat Bottom Chest Rolls	EL214 / 215 / 216 / 217 / 218
	Oasis + Discs	OA211 / 212 / 213
		OP015
LEG	Azure Leg Protector	AZ400
ANKLE, HEEL & FOOT	Heel & Ankle Protector	OA200
	Oasis ELite Lateral Leg Positioner	EL800



BODY AREA	PRODUCT DESCRIPTION	CODES
HEAD & NECK	Head Protector Closed Head Rings	AZ100 EL011 / 12 OA010 / 11 / 12
	Head & Neck Support Face Pad	OP151 OA140
ARM & ELBOW	Arm Protectors Arm/Legboard Pads	AZ200 / 201 EL070 / 71 / 72 / 73 / 101 / 102 OA101 / 070 / 071 / 072 / 073
	Ulnar / Brachial Protector Arm Retainer Pad	OA060 / 061 / 062 OA100 / 102
BODY	Table Pads	AZ600 / 601 / 610 / 11 EL030 / 31 OA030 / 31 / 32 / 33 / 35 / 36 / 37 / 38 / 39 / 4 / OA041 / 42
	Incubator Pad Sacral Protector Patient Positioners Positioning Belt Extremity Belt Flat Bottom Chest Rolls Oasis + Discs	OA300 AZ300 / 301 OA050 / 51 / 52 / 53 OA110 OA113 EL214 / 215 / 216 / 217 / 218 OA208 / 209 / 210 / 211 / 212 / 213 OP015
LEG & KNEE	Crutch Stirrup Pad	AZ410 OA090 / 91 / 92
ANKLE, HEEL & FOOT	Heel & Ankle Protector Boot Stirrup Pad	OA200 OA160

PRESSURECARE

Technical Guide



INTRODUCTION		3
SECTION 1	PATIENT PROTECTION TEST	4
Test 1	Interface Pressure	4
Test 2	Pressure Relieving Properties of Silicone Gel	6
SECTION 2	PATIENT COMPATIBILITY TESTS	7
Test 1	Skin Compatibility	7
Test 2	Bacteriological Data	7
Test 3	Plasticizer & Fibreglass Content	7
SECTION 3	GENERAL USE OF GEL PADS IN AN OPERATING ROOM ENVIRONMENT	8
Test 1	Disinfectant Report	8
Test 2	Flammability Test	8
Test 3	Autoclave Sterilisation (Oasis+ Range Only)	9
Test 4	Temperature Test	9
Test 5	Freezing Test	10
Test 6	Conductivity Test	10
Test 7	X-Ray Attenuation	10
Test 8	MRI	11
SECTION 4	DURABILITY TESTS	12
Test 1	Compression Test	12
Test 2	Dynamic Roll Test	12
Test 3	Stress Test	13
GENERAL USE		13
CONCLUSION		13
SUMMARY		14
HOSPITAL COMMENTS ON THE TRULIFE PRESSURECARE RANGE		15
INDEX		17
NOTES		18

Trulife's Pressurecare range are Class 1 medical devices registered in Ireland and in conformity with the Medical Devices Directives S1252 (93/42/EEC) as amended by Directive 2007/47EC.

The Oasis, Oasis +, Elite and Azure ranges are manufactured to ISO 13485:2012 standards, each carrying the CE quality mark and are guaranteed against manufacturing defects for 2 years.

Pressurecare products have been subjected to a series of rigorous tests to ensure that the materials used in their manufacture provide the optimal level of benefits to the anaesthetised patient to ensure compatibility with everyday use in the operating room environment. The results of these tests are outlined in the following pages.

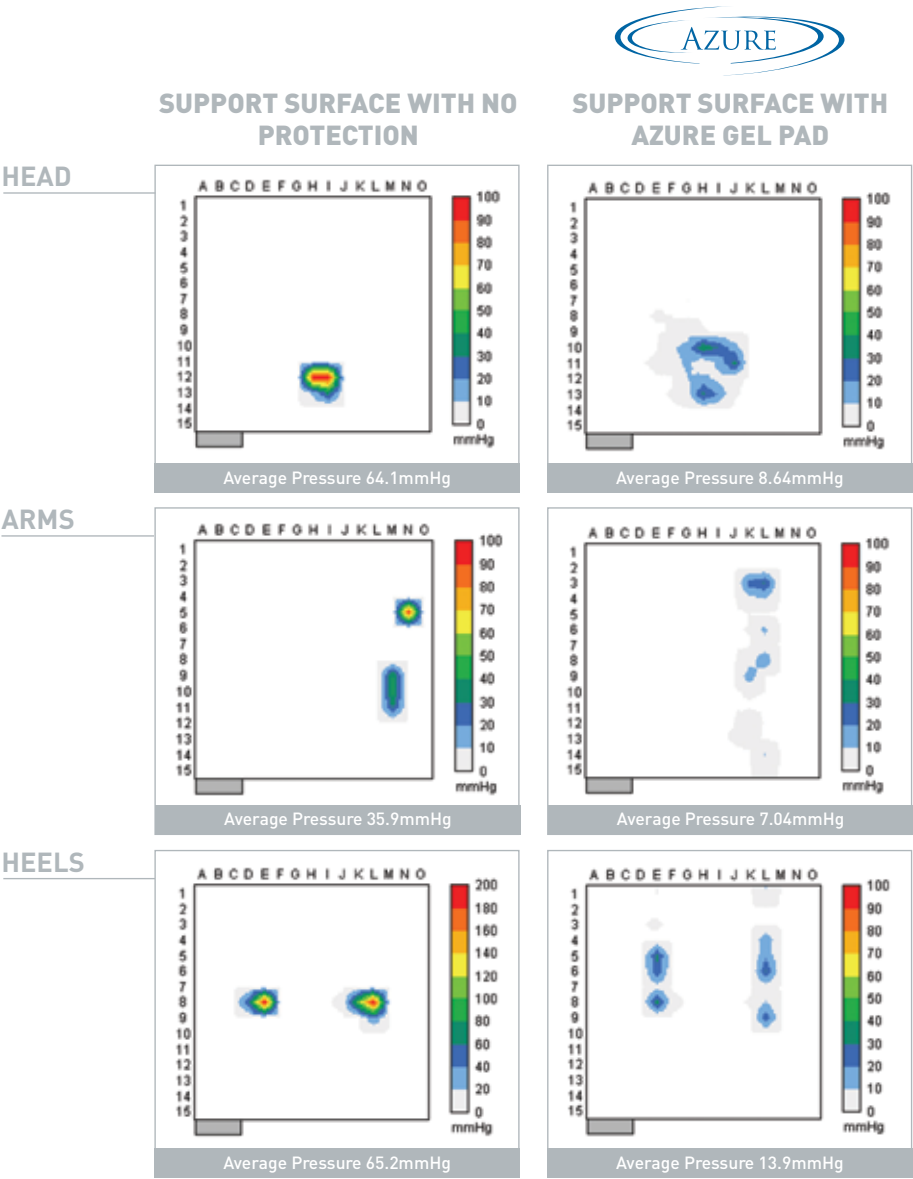


TEST 1 INTERFACE PRESSURE

Pressure, the amount of force exerted on a given area, is often measured in millimetres of mercury (mmHg). When a force or pressure greater than normal capillary pressure is exerted on a body over time, this can restrict blood flow to the area and cause serious tissue damage. It is important therefore, to reduce this pressure particularly at the more susceptible parts of the body.

Our gel pads help relieve pressure by increasing the area of contact between the body part and the supporting surface (i.e. Trulife Pressurecare Pads).

We use Force Sensitive Applications (FSA) to evaluate our products for their pressure relieving capabilities. FSA is essentially a clinical tool that allows us to evaluate and map the interface pressure between a person and the support surface (i.e. product) they are lying on. The Pressure Mapping System is a versatile tool that provides accurate information in an easy to interpret graphical format.

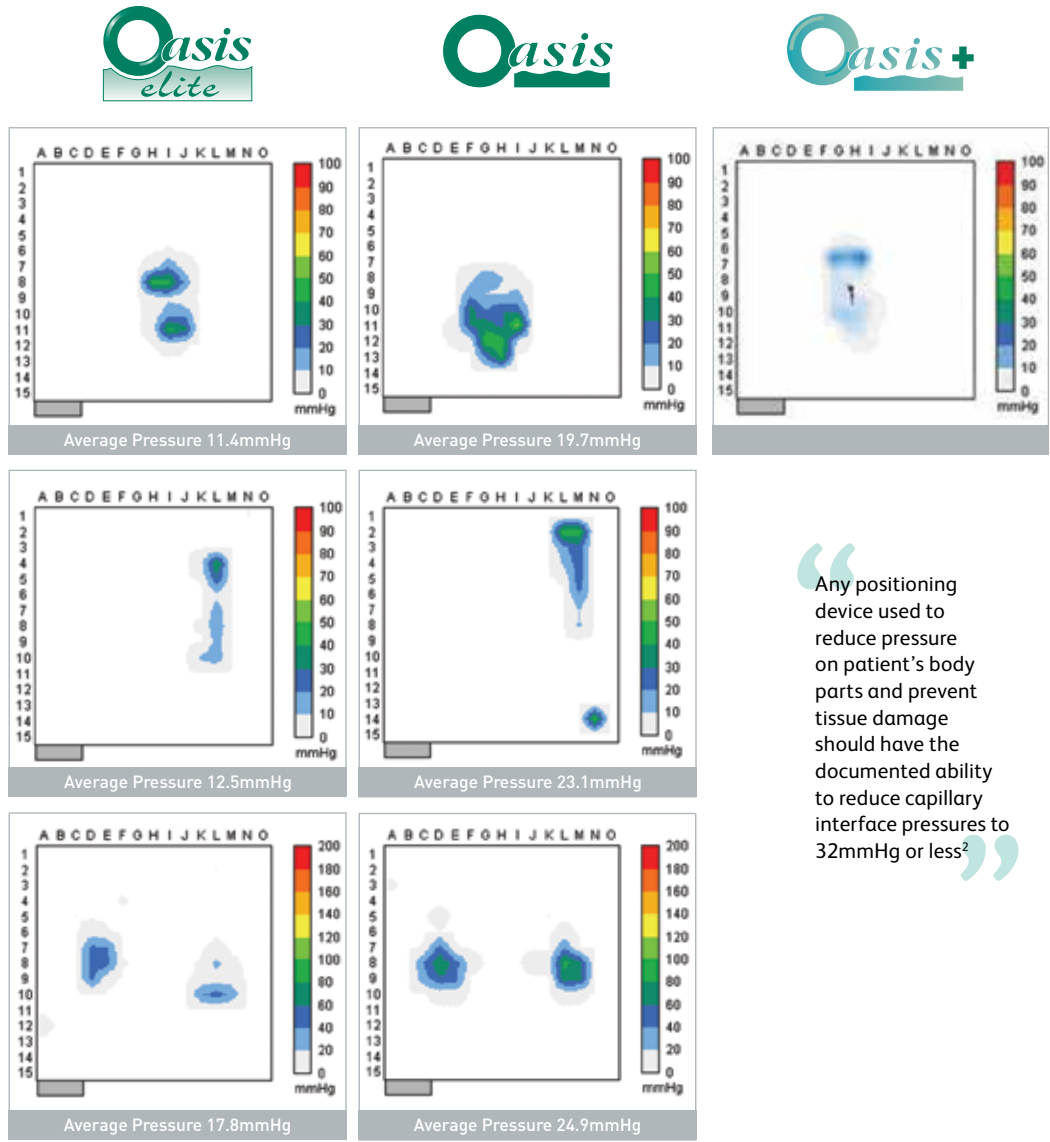


Tested in accordance with protocol for interface pressure management Ref: FSAT.0017

When interpreting the Interface Pressure Maps, the lower the average interface pressure, the higher the degree of pressure relief of the product. *For more detailed testing information, please contact your distributor.*

“Studies comparing the pressure-reducing abilities of standard foam procedure bed mattresses to gel mattresses (i.e. visco-elastic polymer) have found gel mattresses to be more effective”.¹

1. 2011 Perioperative Standards and Recommended Practices AORN
"Recommended Practices for Positioning the Patient in the Perioperative Practice Setting"



“Any positioning device used to reduce pressure on patient’s body parts and prevent tissue damage should have the documented ability to reduce capillary interface pressures to 32mmHg or less²”

2. 2011 Perioperative Standards and Recommended Practices AORN
J. & thomson et al. Pressure reduction products: making appropriate choices

TEST 2 PRESSURE RELIEVING PROPERTIES OF SILICONE GEL

The material used in the Trulife range is a medical grade silicone; it is softer than both skin and underlying tissue. This means that pressure is relieved by the slight movement of the silicone gel and resulting dissipation of pressure/force across the product.

Silicone Gel Versus PU/Polymer Gel

Tests were carried out on Trulife's products by the School of Physics, Dublin Institute of Technology, Kevin Street, Dublin, Ireland. They studied the 'cushioning' / pressure relieving properties of six product samples made using different types of films and silicone fillings. The test samples were flat, donut and heel pad shapes filled with either silicone or polyurethane gel and using films of various thicknesses.

The results of these tests show that the flat, **silicone filled samples had superior pressure relieving properties** when compared with specimens made from polyurethane gel.

Other studies support the benefits of gel. The recommended practices from AORN state that "foam and gel mattresses are effective for preventing both skin changes and pressure sore formation"³.

3. 2008 Perioperative Standards and Recommended Practices AORN
"Recommended Practices for Positioning the Patient in the Perioperative Practice Setting"



TEST 1 SKIN COMPATIBILITY

Silicone is widely acceptable to most biomedical applications and poses no risk to the user.

Irritancy potential tests were performed by CYTOX, Gottlieb-Keim-Strabe 60, 95448 Bayreuth, Germany. The tests were carried out in accordance with ISO 10993-10 and ISO 10993-1 which require clinical trials to be conducted in accordance with the principles of good clinical practice. **Suppliers of the materials used to manufacture Trulife's Pressurecare products have confirmed that these materials do not support microbiological growth.**

TEST 2 BACTERIOLOGICAL DATA

Silicone is an elastomer which provides a unique balance of chemical and mechanical resistance and due to its pure state displays exceptional biocompatibility.

Suppliers of the materials used to manufacture Oasis, Oasis+, Elite and Azure Gel Pads have confirmed that these materials are **do not support microbiological growth.**

TEST 3 PLASTICIZER & FIBREGLASS CONTENT

Suppliers of the materials used to manufacture Oasis, Oasis+, Elite and Azure gel pads have confirmed that these materials are **plasticizer and fibreglass free.**



TEST 1 DISINFECTANT REPORT

The Trulife range is easy to clean / disinfect between surgical cases and is more hygienic than many disposable foam options which can facilitate bacterial growth by absorbing fluids. The disinfectant market is a very heterogeneous one comprised of a number of suppliers. Thus, testing types of chemistries, rather than brands, is the most logical approach. The three primary chemistries are:

- ◆ Phenolics
- ◆ Quaternary ammonia
- ◆ Quaternary ammonia and alcohol blends (Alcohol, chlorine)

This list covers the major families of detergents.

If there is something specific that you wish to confirm please contact your local distributor

Cleaner/Disinfectant (Manufacturer)	Main Chemistry	Tested	Mix Ratio
Santex A	Water, Sulphates	no	-
Safeseat	Ethanol	no	-
Incidur Spray (Henkel Hygiene GmbH)	Aldehydes, alcohols, quaternary compounds	yes	neat
Incidin Plus (Acidic)	Glucoprotamin, quaternary ammonium	yes	200 to 1
Pursept (Corrosive)	Ethanol, Glyoxal, Quaternary Compounds	yes	100 to 1
Cutasept F (Bode)	Alcohol, porpan	no	-
Cutasept G (Bode)	Alcohol, porpan	no	-
Milton (Sodium hypochlorite, chlorine)	Sodium hypochlorite, chlorine	yes	100 to 1
Terminator New Century Sales		no	-
Mikrozyd (S&M)	Ethanol, propanol	yes	5 to 1
Bacillol AF (Bode)	Ethanol, propanol	no	-
Bigusept Fluid (Bode)	Alcohol	no	-
Vikron	Potassium Peroxomonosulphate, Sulphamic Acid, Sodium alkyl benzene sulphonate	yes	100 to 1

Please note that it is not advisable to soak the Oasis, Oasis+, Elite and Azure pads in a cleaning solution overnight as this may affect the long-term durability of the products.

TEST 2 FLAMMABILTY TEST

Flammability tests were carried out by BTTG Fire Technology Services, Atlantic St, Broadheath, Attrinchau WA14 5DW, UK, in accordance with section 2 of BS 7175. Results indicate that when tested against this standard for ignitability in its “as received” condition, **Trulife’s Pressurecare range are fire rated as self-extinguishing.**



TEST 3 AUTOCLAVE STERILISATION (OASIS+ RANGE ONLY)

The Oasis+ products have been tested for Autoclave sterilisation.

Autoclave testing protocol was defined by Trulife and tested by an independent testing lab. Protocol based on accepted international sterilisation standard in consultation with Tallaght (AMNCH) hospital according to HSE Code of Practice for Decontamination of RIMD, Version 1.0.

The tests reported no discernible change in appearance, no degradation and no contaminations from the products after 24 Autoclave Sterilisation Cycles at 134 °C and 3 minutes. As part of Trulife’s testing protocol products used for Autoclave testing were lifecycle and pressure map tested pre and post autoclave cycles for comparison results. No change in function or performance was recorded.

Note: number of cycles based on customer feedback regarding number of cycles products may be subjected to (max of once a month for 2yr warranty = 24cycles)

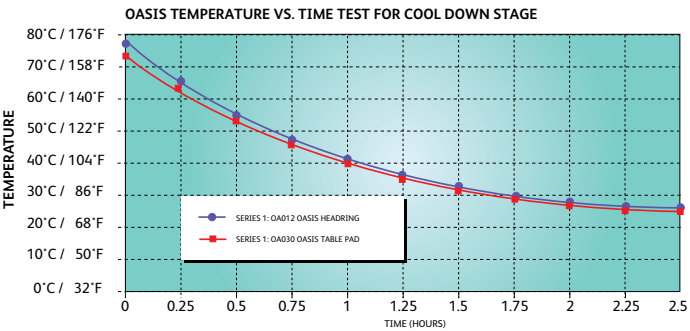
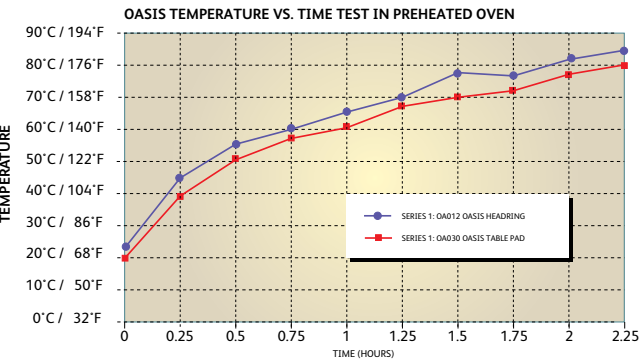
TEST 4 TEMPERATURE TEST

Thermal stability is very important when the material is in contact with the body, as the temperature of the body and its environment is continually changing.

The test replicates the treatment that Trulife’s Pressurecare range would receive in a hospital setting when placed in a preheated oven for a period of time to heat it up prior to it being used under a patient. The temperature of the product is monitored while heating in the oven and while cooling down to room temperature. **The test results indicate that it takes a minimum of 30 minutes to heat the product from a temperature of 20°C / 68°F to 50°C / 122°F. In isolation, the product will not return to room temperature for at least 3 hours.** This time will vary according to room and patient temperature.

Tests were performed by the Research & Development Laboratory of Trulife Ltd, Dublin 24, Ireland.

The Trulife Pads may be preheated to 40 degrees, or heated to body temperature, in an oven or used in conjunction with a heating mattress. Please follow instructions of the oven or mattress manufacturer as appropriate. (Refer to good clinical practices). Please follow oven or mattress manufacturer instructions.



TEST 5 FREEZING TEST

Tests were performed by the Research and Development Laboratory of Trulife Ltd, Dublin 24, Ireland investigating the effect of freezing temperatures on Trulife's Pressurecare Products when stored at temperatures of -18°C / 0° F for 7 days without any deterioration in their condition. The results of the test indicate that **damage is unlikely to occur as a result of freezing temperatures**. We recommend that the products can be cooled to -12°C without any adverse effects.

TEST 6 CONDUCTIVITY TEST

Modern surgical procedures, including High Frequency Techniques, require the interface pad to be non-conductive. According to BS 2050 (Specification for Electrical Resistance of conducting and anti-static products made from flexible polymeric material), accessory pads can be classed as non-conductive if their surface resistance is greater than 10^6 ohms. Trulife Pressurecare products were tested at the National Electronics test centre at Eolas in Glasnevin using a HP 4329A High Resistance Meter and a **HP16008A Resistivity Cell** according to the procedure laid down in BS2050.

Results showed the Trulife Pressurecare pads to be within the non-conductive range with values from 3.0×10^9 to 2.3×10^{13} ohms.

TEST 7 X-RAY ATTENUATION

The Trulife Oasis, Elite and Azure pads are x-ray translucent, however, higher radiation levels may be needed (See table below)

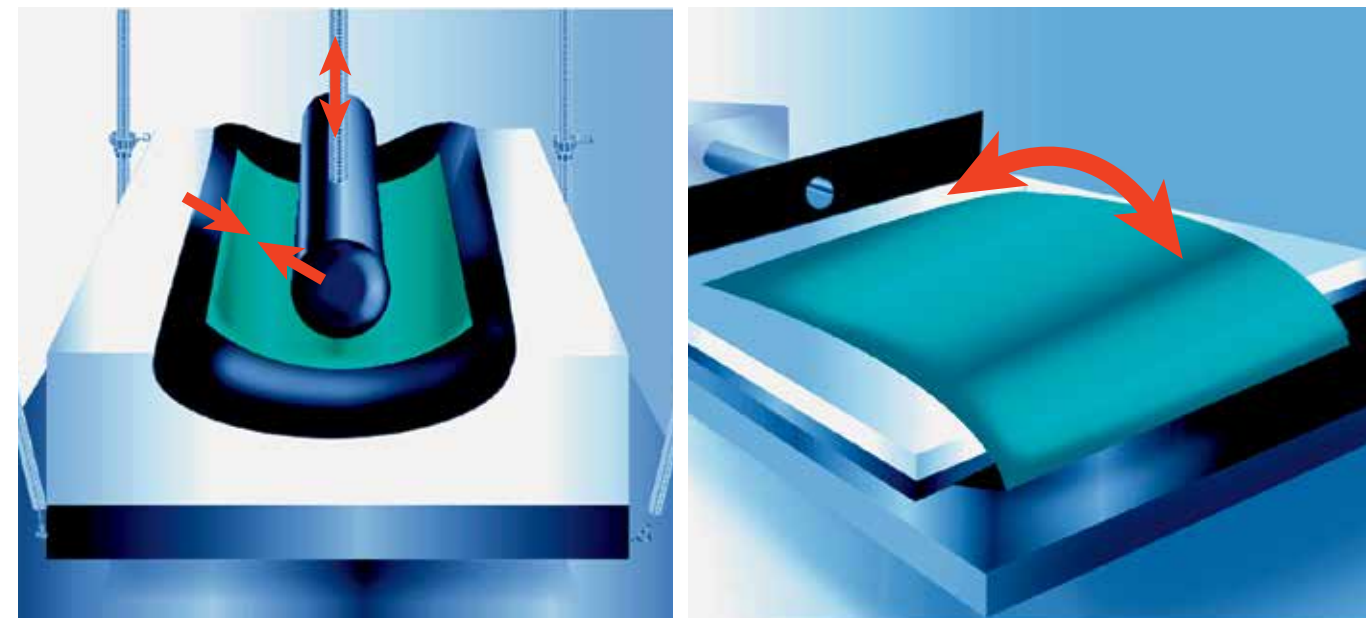
Attenuation Assessment			
Product	Product Tested: Materials & Thickness	Exposure Factor's during Test's	Product Attenuation in mm of Aluminium
OA030	10mm thick, silicone	100kVp, 40mAssec's	2-4mm
OA212	75mm thick, silicone		>10mm Aluminium
EL012	At centre, 10mm silicone & foam		2-4mm
	At edge, 50mm silicone & foam		4-6mm
EL141	At centre, 40mm silicone & foam		4-6mm
	At edge, 140mm silicone & foam		>10mm
EL216	75mm thick, silicone & foam		6-8 mm
AZ500	60mm, 2 types of silicone		>10mm
AZ600	10mm, 2 types of silicone		2-4mm
FP012	75mm silicone, foam & fabric		2-4mm
FP050	90mm silicone, foam & fabric		2-4mm

TEST 8 MRI

For medical implants and devices, the objectives of Magnetic Resonance Imaging (MRI) testing determines the presence of magnetic field interactions, heating, and artifacts in association with the use of an MRI system. Accordingly, assessments of magnetic field interactions (deflection angle and torque), MRI-related heating, and artifacts were conducted at 3-Tesla on the Trulife range. **Trulife Pressurecare range does not cause significant signal loss or distortion during MRI imaging and is considered to be an acceptable device that may be used for patient positioning or patient comfort migration.**

Project Conducted by: Frank G. Sherlock, Ph.D. President and CEO Sherlock R & D Services, Inc.

For more detailed testing information, please contact your local distributor.



TEST 1 COMPRESSION TEST

Silicone shows resistance to weathering which is important for the long term life of the products.

When used in a normal environment a Trulife Pressurecare product is repeatedly compressed and relaxed when a patient is placed on and removed from the pad.

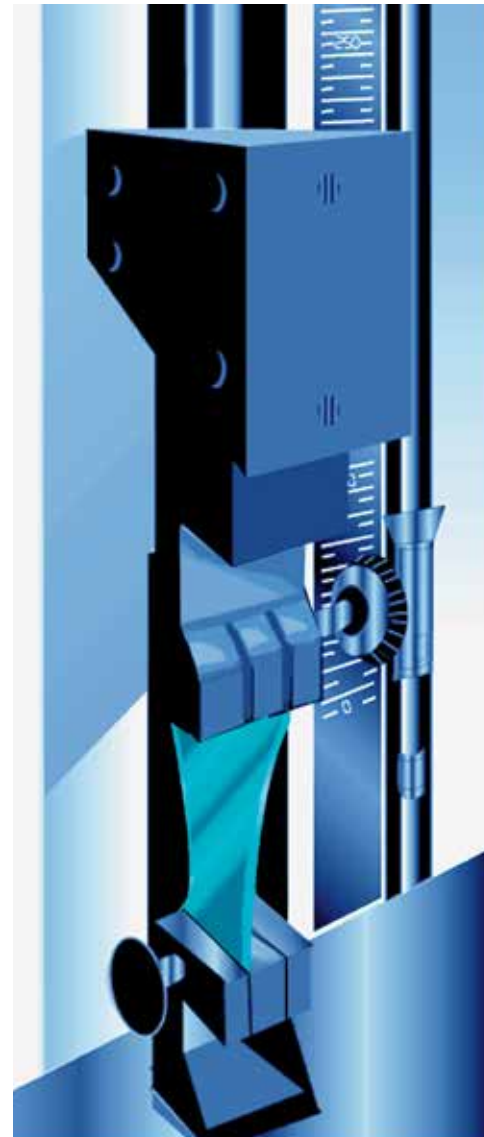
The compression test assesses the impact of a static bar being applied to and removed from the products continuously at a predetermined rate dependent on the size and specific application of the product. It is carried out at room temperature in an enclosed area.

We require a product to undergo a minimum of **20,000 cycles at a rate of 15 cycles per minute** without showing any signs of damage to successfully pass this test. Over a **2 year life span**, this would simulate **27 compressive actions** on the product for each day of the year.

TEST 2 DYNAMIC ROLL TEST

During normal use, the gel pads are likely to be pulled, pushed and rolled into position on an operating table. The Dynamic Roll Test assesses the likelihood of the silicone separating from the film during normal positioning and storage over the life of the product. During this test, the product is attached to a jig in a flat position and is subjected to a rolling action which effectively folds it in half and then rolls it back to its original flat position.

The machine runs at **10 cycles per minute** and the test is continued for a **minimum of 5000 cycles**. It is carried out at room temperature in a controlled environment. This is an accelerated test which simulates the product manipulation and positioning for each day of usage. A product is expected to withstand this treatment without showing any signs of damage before being added to the Trulife Pressurecare range.



TEST 3 STRESS TEST

In the marketplace, Trulife's Pressurecare Range is likely to be pulled and manipulated repeatedly during everyday use. This will create high local stresses in a product and will have a tendency to encourage the separation of film and gel. The Stress Test measures the degree of adhesion between the film and gel of the Trulife Pressurecare Range and therefore enables us to confidently predict the ability of the product to perform its function over the required lifetime.

A sample piece is subjected to a 50 Newton Load cell on a Lloyd PVM3 Tensile Tester as illustrated in the diagram. This machine runs at a speed of 200 mm per minute and the test is conducted at room temperature. The force, extension and appearance of the sample are recorded over a 5 minute test period. A minimum value of 30 Newtons is required for a product to pass this test.

GENERAL USE

PLEASE NOTE:

- Due to our manufacturing process a slight variation in colour may occur between individual products.
- Product dependent a tolerance of +/- 10mm is applied to all product dimensions.
- The position of the model in certain images is intended to display the products only and may not be surgically accurate in all cases.
- We offer a guideline to help select products for different surgical positions. Please refer to good clinical practices when selecting products.

WHAT IF THE PRODUCT GETS CUT?

While a repair kit is available, in the event of the product being cut, it is highly recommended that the product be discarded to avoid the risk of infection.

For the Oasis + range, If the product is cut, it is safe to use as long as the area in question can be cleaned.

DO THE PRODUCTS CARRY A GUARANTEE?

All products are guaranteed against manufacturing defects for a period of 2 years.

CONCLUSION

Silicone has been a world leader in the medical industry and will continue to be a prominent material in the future.

Trulife uses it in its manufacturing, as the properties and adaptability far exceeds any other material in its field including polyurethanes. This is mainly due to its pressure relieving quality and its compatibility with skin.

The Trulife Pressurecare range is a simple and cost effective solution with a comprehensive offering to cover all surgical procedures.

◆ Re-distributes weight effectively	◆ The products can be cooled to -12°C
◆ High load-bearing capacity	◆ High tensile strength and elasticity
◆ Supports weight without bottoming out	◆ Hypoallergenic
◆ Silicone performs most like human skin	◆ Reduce heat and friction
◆ Medical Grade Silicone is highly durable and chemically stable compared to many other gels	◆ Can be moulded into any shape or form
◆ Over time its mechanical properties (softness etc) are likely to last much longer.	◆ Non-conductive
◆ Easily cleaned	◆ Cost effective
◆ X-ray translucent*	◆ Won't leak, flow or bottom out
◆ Reusable	◆ Easily repaired if cut
◆ Acceptable for use with MRI*	◆ Fire rated as self-extinguishing
◆ Fibre glass and plasticizer free	◆ Does not harden over time
◆ Does not support bacterial growth	◆ Retains it's original shape after deformation
◆ Shock-absorbing	◆ Resistant to UV light
◆ Pads may be heated to body temperature 40°C	◆ Market Leader in many Countries

*Oasis+ Range has not been X-ray or MRI tested.

Hospital comments on the Trulife Pressurecare Range

Pozycjonery elowe s niezast pionym produktem w pozycjonowaniu pacjenta na stole operacyjnym w ka dej dogodnej pozycji. Dzi ki swoim wła ciwo ciom przeciwdziałaj powstawaniu odle yn, oraz chroni przed ryzykiem podra nienia nerwów.

Produkty te ie zawieraj lateksu, który jest jednym z czynników alergennych. Pozycjonery s przeziernie dla promieni RTG, dzi ki czemu nie ma konieczno ci usuwania ich spod pacjenta podczas operacji. Powłoka, z której s wykonane pozycjonery jest łatwa do czyszczenia i dezynfekcji, co w du ym stopniu ułatwia prac personelu.

Jeste my bardzo zadowoleni z pozycjonerów elowych TRULIFE, znacznie ułatwiaj one prac naszego zespołu.

Hospital Bielanski
Anesthesiology and Intensive Care Department
Warszawa
Agnieszka Bartczak, Ward Nurse

'Trulife Gel Positioners are indispensable products in the positioning of patients in the Operating Room. The positioners protect the patient from pressure sores and nerve injuries. They are kind to the skin because they are latex free.

The positioners are x-ray translucent, therefore, there is no need to remove them from the patient during surgery. The products are easy to clean and very hygienic, which helps the staff.

We are very happy with the Trulife Gel Positioners because they make our team's job easier'.

Hospital Bielanski
Anesthesiology and Intensive Care Department
Warszawa
Agnieszka Bartczak, Ward Nurse

Zespół bloku operacyjnego Kliniki Neurochirurgii chciałby podzielić si opini na temat pozycjonerów elowych. Pozycjonery elowe, które mamy przyjemno ć kupować od firmy Empireum zapewniaj naszym pacjentom ogromn wygod i bezpiecze stwo podczas długotrwałych i ci kich zabiegów operacyjnych. Dzi ki temu, e umi liwiaj wła ciwe uło enie ciała poprzez odpowiednie dopasowanie to zapobiegaj powstawaniu odle yn.

S łatwe do mycia i czyszczenia przy u yciu standartowych rodków dezynfekcyjnych, lekkie i miłe w dotyku, wszystko to na pewno jest ogromn zasług materiału z którego s wykonane. Jeste my zadowoleni z zakupu wy ej wymienionych pozycjonerów i mamy nadziej na dalsz owocn współprac .

– Z powa aniem
Institute of Psychiatry and Neurology
Neurosurgery clinic

The Trulife Gel Positioners, which we are pleased to buy from the company Empireum, provide our patients with comfort and eliminate the dangers of pressure sores during long and difficult surgeries. They allow the correct positioning of the patient and are hygienic.

Due to the material they are made from, they are easy to clean using standard detergents and disinfectants. They are light to lift and feel nice to touch. We are happy with Trulife Gel Positioners and we are looking forward to further fruitful cooperation with Trulife'.

– Z powa aniem
Institute of Psychiatry and Neurology
Neurosurgery clinic

Die Anwendung der Lagerungshilfsmitteln der Firma Trulife ist ein wichtiger Bestandteil meiner täglichen Arbeit im OP zur optimalen Patientenpositionierung. Die Produkte entsprechen allen Anforderungen, die ein Lagerungshilfsmittel erfüllen muss.

Sie sind leicht anzuwenden und gewähren einen sicheren Dekubitusschutz. Desweiteren sind alle Lagerungshilfsmittel latexfrei, röntgenstrahlendurchlässig, gut zu desinfizieren, widerstandsfähig und reparaturfreundlich. Trulife bietet mit seinem umfangreichen Sortiment eine Lösung für nahezu jede Lagerung.

Auch Extremlagerungen, wie zum Beispiel die OP-Lagerung von Adipositaspatienten in Bauchlage oder Seitenlage sind sicher mit den Trulifeprodukten umzusetzen.

– Katrin Schmidt, Fachkrankenschwester für Anästhesie und Intensivmedizin

‘In order to correctly position patients in the Operating Room I use Trulife Gelpads on a daily basis. These products meet all the requirements a positioning pad has to fulfil.

They are easy to use and give the patient great protection. Furthermore, all pads are latex free, radiograph radiolucent, easy to disinfect, robust and easy to repair.

Trulife offers an extensive range of gelpads to suit every patient’s position. Even extreme positions like positioning an adipose patient, prone and lateral positions are safe and possible.”

– Katrin Schmidt, Fachkrankenschwester für Anästhesie und Intensivmedizin

Eine angenehme Lagerung mit weichen, vorgewärmten Materialien nimmt dem Patienten im Vorfeld der Operation die Angst, lindert Schmerzen und lenkt vom Geschehen ab. Mit vielseitig einsetzbaren Systemen sowie gut ausgearbeiteten Standards können Lagerungen schnell und professionell durchgeführt werden, was zu einer erheblichen Zeitersparnis im OP führt und eventuelle Folgekosten durch Dekubiti reduziert.

Ich habe mich für das umfangreiche System von Trulife entschieden, weil ich damit jede Positionierung individuell durchführen kann.

Durch die Vielzahl der Polster habe ich für jede Lagerung eine Lösung und muss nicht verschiedene Systeme mischen.

– Sabine Graf-Redecker, Fachkrankenschwester für Anästhesie und Intensivmedizin

‘Trulife Gelpads offer patients a pleasant positioning experience. The soft and warm pads reduce the fear and the pain of the patient and distract him/her from the operation.

With manifold systems and correct frameworks we can position the patient quickly and professionally so that we save time and follow-up costs caused by decubitus. I use the Trulife Gelpads because they suit every position and I don’t have to use different systems.

– Sabine Graf-Redecker, Fachkrankenschwester für Anästhesie und Intensivmedizin

CODE DESCRIPTION DIMENSIONS PAGE (mm)

TABLE PAD PROTECTION

AZ610	Azure Universal Table Pad	520 x 520 x 10	4
AZ611	Azure ¼ Length Table Pad	1150 x 520 x 10	4
AZ600	Operating Table Pad	520 x 520 x 10	4
AZ601	Operating Table Pad	1150 x 520 x 10	4
EL030	Oasis Elite Universal Table Pad	520 x 520 x 30	4
EL031	Oasis Elite ¼ Length Table Pad	1150 x 520 x 20	4
OA030	Oasis Universal Table Pad	520 x 520 x 10	4
OA031	Oasis ¼ Length Table Pad	1150 x 520 x 10	4
OA032	Oasis Full Length Table Pad	1800 x 520 x 10	4
OA041	Oasis Universal Profile Pad	520 x 520 x 12	5
OA042	Oasis ¼ Length Profile Pad	1145 x 520 x 12	5
OA036	Oasis Head Section	225 x 500 x 10	5
OA037	Oasis Torso Section	990 x 500 x 10	5
OA038	Oasis Foot Section	500 x 500 x 10	5
OA039	Oasis 3 Piece Set		5
OA033	Oasis Paediatric Full Length Pad	605 x 335 x 10	5
OA035	Oasis Hip Pad	520 x 520 x 10	6
OA040	Oasis Perineal Table Pads	520 x 520 x 10	6
OA300	Incubator Pad	620 x 340 x 12	6

HEAD & NECK PROTECTION

AZ100	Azure Head Protector	260 x 250 x 50	7
EL142	Oasis Elite Prone Head Rest Medium	273 x 220 x 135	7
EL141	Oasis Elite Prone Head Rest Large	280 x 240 x 140	7
EL152	Oasis Elite Supine Head Rest Adolescent	275x 230 x 65	8
EL151	Oasis Elite Supine Head Rest Adult	275 x 237 x 90	8
EL011	Oasis Elite Closed Head Ring Adolescent	Ø140 x 34	8
EL012	Oasis Elite Closed Head Ring Adult	Ø200 x 50	8
EL021	Oasis Elite Open Head Ring Adolescent	Ø140 x 34	8
EL022	Oasis Elite Open Head Ring Adult	Ø 200 x 54	8
OP151	Oasis + Head & Neck Support	264 x 220 x 64	9
OA010	Oasis Closed Head Ring Paediatric	Ø90 x 20	9
OA011	Oasis Closed Head Ring Adolescent	Ø140 x 35	9
OA012	Oasis Closed Head Ring Adult	Ø 200 x 45	9
OA020	Oasis Open Head Ring Paediatric	Ø90 x 22	9
OA021	Oasis Open Head Ring Adolescent	Ø140 x 35	9
OA022	Oasis Open Head Ring Adult	Ø200 x 50	9
OA140	Oasis Face Pad	165 x 80 x 8	9

ARM & ELBOW PROTECTION

AZ200	Azure Arm Protector Short	330 x 140 x 30	10
AZ201	Azure Arm Protector Long	460 x 180 x 35	10
EL101	Oasis Elite Contoured Armboard Pad	510 x 155 x 40	10
EL102	Oasis Elite Contoured Armboard Pad	395 x 140 x 40	10
EL072	Oasis Elite Armboard Pad Long	600 x 125 x 20	10
EL070	Oasis Elite Armboard Pad Short	400 x 125 x 20	10
OA101	Oasis Contoured Armboard Pad	510 x 150 x 35	11
OA070	Oasis Armboard Pads	395 x 115 x 10	11
OA071	Oasis Armboard Pads	600 x 200 x 10	11
OA072	Oasis Armboard Pads	600 x 125 x 10	11
OA073	Oasis Armboard Pads	605 x 427 x 10	11
OA060	Oasis Ulnar/Brachial Nerve Protectors (S)	380 x 115 x 8	11
OA061	Oasis Ulnar/ Brachial Nerve Protectors (L)	460 x 210 x 8	11
OA062	Full Length	460 x 380 x 8	11
OA100	Oasis Arm Retainer Pad	170 x 110 x 18	11
OA102	Oasis Arm Retainer Pad	157 x 128 x 15	11

CODE DESCRIPTION DIMENSIONS PAGE (mm)

BODY PROTECTION

AZ300	Azure Sacral Protector Small	400 x 380 x 25	12
AZ301	Azure Sacral Protector Large	450 x 445 x 30	12
AZ500	Azure Universal Positioner	425 x 155 x 60	12
EL905	Oasis Elite Prone Positioning System	675 x 500 x 100	13
EL906	Upper LeftSection/Lower Right Section	275 x 250 x 100	13
EL907	Upper Right Section/Lower Left Section	275 x 250 x 100	13
EL908	Mid Left Section/Mid Right Section	125 x 250 x 100	13
EL912	Base Plate	500 x 500 x 6	13
EL903	Oasis Elite Prone Positioner	610 x 530 x 130	13
EL904	Oasis Elite Large Prone Positioner	1115 x 520 x 140	14
EL900	Oasis Elite Lateral Positioner	720 x 500 x 160	14
EL210	Oasis Elite Dome Positioner	350 x 150 x 75	14
EL214	Oasis Elite Flat Bottom Chest Rolls	300 x 140 x 110	15
EL215	Oasis Elite Flat Bottom Chest Rolls	400 x 140 x 110	15
EL216	Oasis Elite Flat Bottom Chest Rolls	505 x 140 x 110	15
EL217	Oasis Elite Flat Bottom Chest Rolls	405 x 150 x 150	15
EL218	Oasis Elite Flat Bottom Chest Rolls	510 x 150 x 150	15
OA208	Oasis Flat Bottom Chest Rolls	150 x 80 x 50	15
OA209	Oasis Flat Bottom Chest Rolls	200 x 80 x 50	15
OA210	Oasis Flat Bottom Chest Rolls	245 x 80 x 50	15
OA211	Oasis Flat Bottom Chest Rolls	305 x 95 x 75	15
OA212	Oasis Flat Bottom Chest Rolls	405 x 95 x 75	15
OA213	Oasis Flat Bottom Chest Rolls	505 x 92 x 75	15
OA110	Oasis Patient Positioning Belt	505 x 85 x 8	15
OA113	Oasis Extremity Belt	315 x 45 x 10	16
OA050	Oasis Universal Patient Positioners	150 x 60 x 40	16
OA051	Oasis Universal Patient Positioners	330 x 70 x 50	16
OA052	Oasis Universal Patient Positioners	290 x 100 x 60	16
OA053	Oasis Universal Patient Positioners	345 x 120 x 70	16
OP015	Oasis + Disc	200 x 200 x 4	16
OA180	Oasis Perineal Post Pad	300 x 260 x 10	16

LEG & KNEE PROTECTION

AZ400	Azure Leg Protector	515 x 180 x 40	17
AZ410	Azure Crutch Stirrup Pads	370 x 205 x 25	17
EL800	Oasis Elite Lateral Leg Positioner	650 x 400 x 230	17
EL401	Oasis Elite Knee Pad	510x 155 x 40	17
EL402	Oasis Elite Knee Pad	395 x 140 x 40	17
OA090	Oasis Crutch Stirrup Pads	320 x 220 x 10	17
OA091	Oasis Crutch Stirrup Pads	395 x 245 x 10	17
OA092	Oasis Crutch Stirrup Pads	520 x 300 x 10	17

ANKLE, HEEL & FOOT PROTECTION

AZ401	Azure Heel Protector	190 x 175 x 30	18
EL130	Oasis Elite Heel Pads	180 x 100 x 70	18
OA130	Oasis Heel Pads	180 x 100 x 70	18
OP130	Oasis + Heel Pads	151 x 134 x 66	18
OA131	Oasis Heel Cups	105 x 90 x 43	19
OA200	Oasis Heel & Ankle Protector	250 x 120 x 10	19
OA160	Oasis Boot Stirrup Pad	605 x 140 x 5	19

SPECIALTY PAD PROTECTION

OA120	Oasis Relton Frame Pads	190 x 170 x 18	20
OA221	Oasis Wilson Frame Pads	735 x 255 x 10	20

CONCLUSION

Paediatric Products	21
Accessories	25
Positioning Guide	26



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