SURGICAL PRODUCTS
Global Medics is a family owned company established in the early 1990s to provide quality product and prompt, professional service to the Healthcare market.

The company’s ongoing contact with a wide spectrum of Healthcare providers has seen Global Medics expand its services to include a range of unique, internationally branded medical products and it has gained the role of preferred supplier to a wider range of Healthcare Professionals.

OUR MISSION

• To supply the highest quality product
• Provide unbeatable service and backup support
• Create the most simple and effective solutions

SPECIALIST PRODUCT RANGES

• Continence products & management systems
• Cleansing & disinfection for surfaces / equipment
• Combi Plum hand hygiene systems
• Macerator disposal system / pulp products
• Patient warming for theatre / rescue
• Flexislide patient transfer system
• Safety IV / dialysis catheters
• Patient cleansing products
• Repose pressure relief
• Orthopaedic spinal implants
• Bloodless surgical tourniquets
• Disposable surgical retractors
• Gloves & personal protection / disposables
• Tens pain relief devices
• Disposable theatre mats

FOR ALL YOUR MEDICAL PRODUCT ENQUIRIES, BROCHURES OR ORDERS PLEASE CONTACT OUR HELPLINE

0800 GLOMED 45 66 33
Ph 09 920 9900 Fax 09 920 9901
Email customerservice@globalmedics.co.nz
Global Medics seeks continuously to deliver optimum solutions to your requirements through a range of unique, internationally branded medical products sourced from round the globe. This brochure outlines the products we provide to the surgical market, from tourniquets to orthopaedic tools. In nearly all cases, we focus on disposable single pack items which deliver optimum function with maximum hygiene and infection control.

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HEMACLEAR

DISPOSABLE STERILE EXSANGUINATING TOUJNIQUETS

The revolutionary yet simple bloodless surgical solution to safer, more effective and more productive orthopaedic limb procedures. HemaClear enhances visibility while simplifying extremity surgery by offering a streamlined alternative to the cumbersome traditional exsanguination and occlusion techniques, achieving up to 95% exsanguination compared to 60% with current techniques. It also delivers a blood-free sterile surgical field for proximal OR distal upper and lower extremity surgeries.

THE COMPLETE SOLUTION

• SIMPLE
  ■ One device, easy application, no machines or additional materials necessary
  ■ Instantly achieves complete exsanguination and consistent occlusion
  ■ Placement of the sterile stockinet in 12 seconds or less

• SAFE
  ■ Sterile, single use device
  ■ Lower occlusion pressure on the vessels and nerves reduces the risk of tourniquet paralysis
  ■ Consistent occlusion reduces blood loss
  ■ Superior exsanguination leaves no blood behind in the limb which may reduce DVT and PE

• REVOLUTIONARY DESIGN
  ■ Easy application - saves valuable OR time
  ■ Improves visibility - surgeon can concentrate on the procedure
  ■ Narrow profile - larger operating space
  ■ Factory calibrated, eliminates the risk of tourniquet failure, providing 2 hours of blood free surgery

• PRODUCT DETAILS
  ■ Full range of sizes from paediatric to obese patients
  ■ Circumferences from 14-90 cm
  ■ Colour-coded sizes for easy applications
  ■ Narrow design allows more operating space on appendages
Invented and designed by experienced surgeons, Doxpal delivers the complete system of self-retaining surgical retractors for successful surgery.

- **EASY TO HANDLE**
- **COST EFFECTIVE**
- **SUITSABLE FOR A WIDE RANGE OF PROCEDURES**
- **FUNCTIONAL AND EFFECTIVE FOR LARGER SURGERY WHEN USED IN PAIRS AND IN COMBINATION WITH OTHER SIZES**
- **RADIOLUCENT**
- **FUNCTIONAL WITHOUT ANY SUPPORT**
- **CAN BE EASILY REPOSITIONED - THE PRONGS HAVE BEEN ADAPTED TO PROVIDE AN OPTIMUM GRIP AGAINST THE TISSUE**

**DOXPAL SINGLE**

‘The original’ gives optimal surgical access in minor operations in all surgical fields. Doxpal single is slightly sharper than the others, as its area of application is shallower and this also helps to avoid slipping and displacement.

Dimensions: Length 110mm, Depth 14mm

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**DOXPAL DOUBLE**

A little stiffer and deeper. Suitable for midsize operations in orthopaedic surgery, general and vascular surgery, i.e. wrist and ankle fracture, hernias, vascular anastomoses.

Dimensions: 125mm Depth 18mm

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**DOXPAL TRIPLE**

Stiff and deep. Suitable for abdominal surgery, shoulder and lower limb surgery.

Dimensions: Length 160mm, Depth 35mm

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**DOXPAL HIP/SPINE**

The largest model.

Dimensions: Length 160mm, Depth 35mm
The SmartPower range provides surgeons with a comprehensive selection of cost-effective disposable instruments and consumables, suitable for orthopaedic surgical procedures, trauma and general wound care. Hospitals can now minimise the costs involved in re-sterilising, maintenance, shipping and the costs of cancelled surgery due to equipment ‘downtime’. Instead SmartPower offers sterile ‘fresh out of the box’ equipment that offers the same (if not better) quality, no equipment set up, no batteries to recharge (unless desired) and a fresh, reliable tool for each surgery.

The range includes surgical consumables and single use tools.

**SMARTPULSE PULSE LAVAGE SYSTEM (Irrigation and Cleansing)**

A fully disposable instrument which combines convenience and power for the removal of necrotic tissue, bacteria and foreign material whilst providing controlled pressure for efficient cleansing and irrigation.

- Single use, lightweight and portable
- Includes hand piece, two tips, including a dual cone splash shield tip, designed for optimal fluid containment
- Battery powered, smooth action toggle trigger, controlled pressure settings for powerful cleaning or a gentle lavage
- Concurrent fluid delivery and suction

**MIXOCEM CEMENT APPLICATION SYSTEM**

A simple, efficient bone cement mixing system which does not require a vacuum. The cement is mixed inside the closed system applicator cartridge by means of a paddle. The operator then removes the paddle, loads the cartridge into the applicator, selects the length of the applicator nozzle and the cement is ready to be applied. The cement is mixed perfectly to a consistency normally only achieved by the use of an external vacuum mixing system.
SINGLE USE POWER TOOLS:

All tools are supplied in a sterile package ready to use so you can be confident of sterility and availability whenever the tool is required.

- **SMARTPOWER STERNUM SAW**
  For use in thoracic surgery. Weighs only 32oz, providing the user with greater flexibility and mobility. The saw blade is pre-assembled with a blade guard to help protect organs when cutting bone in the thoracic cavity. It can also be rotated 180° to allow for the surgeon’s preference.

- **SMARTPOWER RECIPROCATING SAW**
  For use when performing transverse osteotomies such as cutting off the head/neck of the femur during total hip procedures, general orthopaedic osteotomies and other bone cutting procedures. Pre-sterilised and accepts standard reciprocating saw blades.

- **SMARTPOWER OSCILLATING SAW**
  For use in orthopaedic osteotomies and other bone cutting procedures. Lightweight for optimal manoeuvrability. Provides constant power for the entire procedure. Additional accessories, except the blade, are not required. The unique universal locking hub of the saw accepts standard oscillating saw blades.

- **SMARTPOWER DRILL**
  For drilling holes and placing bone screws in a variety of reconstructive and trauma procedures. A cannulated channel is provided for pins and wires and a left or right torque control handle for stability. The device is supplied with a Trickle chuck.

- **SMARTPOWER REAMER**
  For use in orthopaedic procedures which require boring, drilling and reaming. This tool is ideal for difficult procedures where continuous power is critical. A cannulated channel is provided for pins and wires and a left or right torque control handle for stability.
New from SmartPower! Single use micro tools developed to meet the needs of surgeons working in testing conditions in all types of operating theatres.

- Dependable, convenient and cost effective
- Disposable, pre-sterilised and ready to use, ‘fresh out of the box’
- Performs just like many of the re-useable tools available
- No delays or costs caused by equipment ‘downtime’
- Lightweight and easy to handle
- Eliminates post operation clean up
- No surgical delays because of power equipment problems
- No maintenance or costly repairs necessary

**SMARTPOWER MICRO OSCILLATING SAW**

Ideal for use in orthopaedic osteotomies and other bone cutting procedures. Lightweight - just 140gms, allowing for optimal manoeuvrability and minimising wrist fatigue. It also features a Linvatec type locking hub which accepts standard oscillating saw blades.

**SMARTPOWER MICRO DRILL**

Designed for drilling and screwing in a variety of reconstructive and trauma procedures. Features a cannulated channel for placing pins and guide wires. Keyless chuck, pre-sterilised and ready to use.

**SMARTPOWER MICRO RECIPROCATING SAW**

Designed for use when performing vertical osteotomies and other bone cutting procedures. Accepts standard Linvatec style reciprocating saw blades.

**SMARTPOWER MICRO SAGITTAL SAW**

Designed for use when performing vertical osteotomies and other bone cutting procedures, the SmartPower Reciprocating Saw comes pre-sterilised and accepts standard Linvatec style reciprocating saw blades.
SMARTPOWER

POWER CONSOLE
A portable electrical power source for the operation of the SmartPower range of hand-held power equipment. A corded unit which runs off mains electricity, it has three device connectors on the front panel. Note, only one hand held device can be operational at any one time.

MICRO TOOL POWER CONSOLE
A portable electrical power source for the operation of SmartPower handheld surgical micro power tools. Runs off mains electricity, with three connectors to which three Micro Tools can be attached at any one time. Only one hand held micro device can be operational at any one time.

CABLE
This 4 metre long cable connects to the Power Console and works with all the tools in the range.

SMARTPOWER TOOLS CAN ALSO BE CONVERTED TO BATTERY POWER

SINGLE STATION BATTERY CHARGING UNIT
Provides full charge - 6 to 8 hours, with an automatic cut-off function, for the recharging of the SmartPower battery pack.

TRIPLE STATION BATTERY CHARGING UNIT
AS above but with three charging stations.

BATTERY PACK
A rechargeable unit designed for use with the full range of SmartPower tools. It uses high power density Ni-MH cells designed to produce output comparable with reusable tools. Features a handy charge indicator.

BATTERY KIT
Holds the battery and attached neatly to the base of the tools to convert them from mains power to battery operation.
SMARTPOWER BLADES, CHUCKS AND ADAPTORS

- **Chucks and Adaptors**
  There is a complete range of chucks and adaptors which allow SmartPower tools to be used with all the major manufacturers’ blades.

- **Blades**
  Blades come in a choice of wave surface, flat surface or split tooth, depending on the application.
  Blades should be selected by:-
  1. **Width** - measured at the outer edge of the two extreme teeth
  2. **Depth** - the maximum depth to which the blade is able to penetrate the bone
  3. **Cut Thickness** - the thickness of the blade measurement at the cut edge
  4. **Body Thickness** - the thickness of the blade not including the offset tooth design

- **Premium Oscillating Saw Blades**
  With a unique, patent-pending wave surface that is lighter, prolonging the life for the tool, has low surface friction which increased cutting performance and helps remove debris during cutting procedures.

- **Oscillating Saw Blades**

- **Small Bone Saw Blades**

- **Reciprocating Saw Blades**
Dream STS offers two innovative fixing systems that deliver stronger holding power, stabilisation and dynamic flexibility. Both are viable clinical methods with track records of use.

**DTPS CEMENTING SCREW SYSTEM:**
This unique, innovative and patented system produces a screw with much stronger holding power in the vertebral body as the bone cement or material can be injected through the inside of the screw.

- More than 3 times as strong as a general pedicle screw
- Pull-out result 3 times greater than injection cement into a hole before inserting the screw
- The latest technologic locking system
- Low profile plus attractive outward appearance
- Excellent stabilisation
- A simple procedure

**SPECIAL INDICATIONS**
- Osteoporotic Bone
- Spinal Fracture
- Spinal Revision
- Metastasis

**ELASTIC ROD SYSTEM:**
A world first system which was developed specifically to allow dynamic movement and maximum flexibility whilst ensuring optimum stabilisation of the lower back!

- Made from titanium
- Ideal fixation system
- Free to move
- Easy to use
- Saves time
Now you can enjoy the dual protection of Supercath 5 IV Dialysis catheters, which have been designed to prevent the risk of accidental needlestick injury and minimise the risk of blood exposure to contaminated needles.

- Fully encased needle protection
- Easy one-handed push-to-shield safety activation
  - introducer needle is quickly retracted into needle shield
- Patented integral check valve to stop blood flow out of the catheter hub during venipuncture
- Non-tortuous, straight through fluid path for smooth fluid flow
- Round catheter hub for simpler taping and patient comfort
- V-shaped needle point and notched needle for successful vessel entry
- Ribbed grip and clear chamber
- Clear, quick flashback
- Optional wings-valve
- Latex free and DEHP free
- ISO standard colour coding for sizes, radiopaque polyurethane
- Minimises in-service training
Tournistrip was developed by healthcare professionals as a direct result of an unmet clinical need. Users wanted a disposable tourniquet that prevented the cross contamination potential of reusable tourniquets, whilst overcoming the product downsides of other disposable tourniquets.

The result is a unique design, high quality product that is truly single use.

**FEATURES & BENEFITS**

- Easy to use
- Looks and operates just like a conventional tourniquet
- Easy to tension
- Single handed release and removal

Tournistrip is the only tourniquet to have been clinically trialled. This involved two London teaching hospitals, 226 patients and 20 phlebotomists.

The results were overwhelmingly positive:

- Professional, comfortable and did not pinch the skin
- Phlebotomists saw it as an alternative to their 'gold standard' conventional tourniquets
- 78% preferred Tournistrip to their current tourniquets

**INSTRUCTIONS**

1. Remove Tournistrip
2. Peel label to expose adhesive
3. Wrap Tournistrip around arm
4. Tighten and stick Tournistrip down
5. Release Tournistrip
## SURGICAL PRODUCT SUMMARY

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<th>DESCRIPTION</th>
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*Please contact us for details*