

**Maxillo facial**

**Knee**

**Trauma**

**Endoprosthesis**

**Hip**



## Spine

Comprehensive, versatile and modern systems to correct line up and stabilize deformities and degenerative pathologies of spine that proposes: flexibility in assembling and implantation of its components.

The necessary rigidity for maintenance of its stability.

Bars, hooks, plates, connectors, cylinders of fusing (cages), mono and poliaxials pedicular screws in all diversification of sizes compose one of the most complete lines of implantations and instruments, facilitating the use definition in the surgical treatment.



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## Hip

Cemented and non-cemented hip prosthesis, Thompson, Muller, Charnley models, besides MÁXIMA and SPOAC which are exclusives and count on innovated bone preservation and self-centralization systems.

Cemented and non-cemented porous coated cups.

Centralizers, restrictors, wire and mesh form a set of accessories that can handle the several indications and necessities.

### SPOAC



### Máxima



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## Knee

**Modular II** is a traditional and successfully cemented knee system to be used in left and right sides and also including revision components.

**Modular III** is specific to right or left knee side. Introducing an innovator concept of cutting guide, promoting a precisely and reproductive implantation of the tibial, femoral and patellar components.

**Modular III PL** with PCL ligament preservation

### MODULAR II



### MODULAR III



### MODULAR III-PL

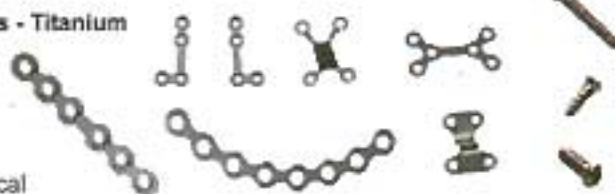


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# Maxillo Facial

## Micro, Mini and Macro plates and screw systems - Titanium

- 0.6mm, 1.0mm and 2.0mm thickness plates
- $\varnothing$  1.5mm,  $\varnothing$  2.0 and  $\varnothing$  2.4 screws
- Emergency screws
- Several options according to each necessity and surgeon's choice, which can be used such to cortical mono or bicortical technique





# Endoprosthesis

## Endoprosthesis Modular IOT - HCFMUSP

Easy execution

Assembly in surgical act

Progressive lengthening if necessary

45° Rotation



Humeral



Knee



Femoral



Tibial



## Trauma

Several kinds and sizes of screws and plates for application on hard fixation, allowing great stability of treated fracture



External fixators



High Compression Screw



LIGFIX

Ligament Correction System



## Intramedullary Nail

Tibial Femoral Humeral



Rigifix Tibial Femoral Humeral



Indicated to diaphysal, metaphysal, exposed, segmented, bilateral and pathological fractures, floating elbows, injury associates of plexo brachial and politraumas, according to the affected region

Reaming best channel fulfilling

Increasing of rotational stability

Facility, precision and safety for distal and proximal locking according to the application place, allowing the non-utilization of the image intensifier

Modern and safety method with high success level

# Our Company

Located at Rio Claro city, its based on an experience of over 20 years, specialized in design, manufacture and distribution of last generation implants and instruments, developed one-by-one by famous experts on several orthopedic segments.

**MDT** has all its products registered in the brazilian Healthy Minister, observing the high quality from the fabrication, since the choice of raw material until the quality control, such as the mechanical report tests and chemical composition.

Including technological improvement, **MDT** is investing in researches with universities and laboratories, to develop fatigue tests, metallurgic characterization (chemistry, hardness and microstructure). Also counts on instruments used to properly prosthetic implantation, with a great finishing standard which allows a precisely surgery technique.



As a market communication politic, the company participates in most of great orthopedic, neuro-surgery and maxillo-facial congresses that take place in domestic and international sites.

All to give customers faster and efficient attendance and besides to assure the best quality of the products. Our goal is to give partners the needed conditions, so they can develop a great work, satisfying necessities, always looking for social reintegration of patients who have used these products.

MDT has the qualifications below:

- **Good Manufacturing Practice Certificate (ANVISA- Brazilian Sanitary Surveillance Agency)**
- **ISO 9001/2000**
- **ISO 13485/94**
- **CE Mark**

