



**Medical Design & Technology srl**

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## Company Profile

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Rev. 2016

Medical Design & Technology Srl was established to respond to widespread need for a specific design of departments for medical use, clinics and hospitals.

Everyone knows that the hospitals are one of the largest concentrated of advanced technologies, extended to diverse fields but primarily that must be renewable very quickly.

The architectural, plant and mechanical design therefore has to respond to those needs, but at the same time must respond to the needs of clinical doctors and nurses and to the specification of medical equipment and furniture.

MDT society founded on the basis of a long and complete experience of its founders in the technology of medical devices, proposes to all institution that are involved in construction of health building, that is hospital or other.

Our customers are therefore both construction companies that public or private company involved in construction or restructuration of health unit.



## Medical

The name of our company Medical Design & Technology summarises therefore our commitment:

We are committed in the field of technology and medical equipment for diagnosis and therapy.

The areas where we operate are:

- Public hospital
- Private hospital
- Health and rest private clinic
- Specific medical surgery
- Projects to private finance (PFI) for the implementation of public and private health facilities
- Consultancy about project for public and private
- Adaptation of homes to be used from older and/or disabled

## Design

Our commitment is conducted with the implementation of specific projects in support of the customer for:

- Layout definition of wards with high technological content which surgical rooms, intensive care units, first aid, x-ray and radiotherapy.
- Support to design and assistance to implementation of the departments with particular regard to coordination between supplier of medical equipment and furniture with high technological content.
- Design for adjustment of private housing of holder and/or disabled people

## Technology

Our commitment is to make available to the customer, our technological knowledge of medical devices for the purpose of following him and advise him throughout the entire route of choice, purchase, installation and use.

# ACTIVITIES CARRIED OUT

- ✓ The design of hospital wards as development of the layout for each room to clinical use, with particular attention paid to the positioning of medical equipment, to their dimension and the space needed to its clinical use.
- ✓ The definition of the mechanical and electrical needs in addition to those architectural in order to optimise the installation and use of equipment.
- ✓ The definition of the lists of medical devices and accessories in function of the requirements.
- ✓ Works management of mechanical and electrical respect to the medical equipment and assistance to installation.
- ✓ Definition of technical specifications of medical devices and assistance to purchases.
- ✓ Design of high technology medical departments (intensive care unit, radiotherapy, x-ray and PACS).
- ✓ Project management for coordination of installation for all kind of medical equipment, furniture and non medical equipment.
- ✓ Start-up of new hospital
- ✓ Execution and installation of systems for personal security for disabled. Bathroom secure.
- ✓ Management of transfer of hospital and medical wards.



# OUR CUSTOMER

MDT supply:

- Local Health Organization
- Public and University Hospital
- Rest and Health Private Clinic
- Hospital Construction Company
- Medical Equipment Manufacturer



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# WORKS CARRIED OUT

## Year 2015



Work made during year 2015:

- Project Management and planning for transfer of cardiology and cardio surgery department of Policlinic San Matteo Pavia (Italy)
- Project Management and planning for transfer of some department of Hospital in Chieti(Italy) started on January 2015(expected completion March 2016)
- Planning design of 500 beds new hospital in Maradi - Niger



# WORKS CARRIED OUT

## Year 2014

Work made during year 2014:

- Project Management for installation of operating room in few Italian Hospital
- Project Management for medical equipment and furniture new supply on Biella Hospital (Italy). Size of Hospital, 150000 sqm, 500 beds.
- Project Management and planning for transfer of Hospital in Biella (Italy) started on September 2013 (expected completion November 2014)



# WORKS CARRIED OUT

## Year 2013



- Work made during year 2013:
- Radiology department of Merano Hospital (Bolzano – Italy) We make the complete architectural and MEP project in collaboration with Vamed and Philips.
  - Completion of organisation and management for transfer to the new building of the Policlinico San Matteo di Pavia (Italy)
  - Project Management for installation of operating room in few Italian Hospital
  - Project Management and planning for transfer of Hospital in Biella (Italy) started on September 2013 (expected completion November 2014)
  - Management of transfer of hospital in Trinidad Tobago.





# WORKS CARRIED OUT

## Year 2012



Work made during year 2012:

- Collaboration in the design of the new hospital of Treviso of which we take the contract.
- Organisation and management of the transfer to the new building of the Policlinico San Matteo di Pavia (in progress)
- Collaboration in the design of the new hospital of Trento regarding medical equipment and room layout of high technical ward.
- Design and planning of new operating theater in UAE and India



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# WORKS CARRIED OUT

## Year 2011



Work made during year 2011:

- Collaboration in the design of the new hospital of Treviso.
- Collaboration in the design of a new hospital in Nigeria
- Planning a Multi-specialty Centre in Buenos Aires Argentina



# WORKS CARRIED OUT

## Year 2010



New Hospital of Legnano (Italia) – Coordination of transfer to a new hospital  
Activity made on behalf of Vamed Italia

- Coordination to Construction of New Hospital
- Project Management
- Arrangement and management of Transfer from old to new Hospital
- Coordination of delivery, installation and commissioning of new equipment and transfer of all existing equipment
- Consultancy and Assistance to authorization's procedure
- Managing of patient transfer
- Coordination to start up of new Hospital



# WORKS CARRIED OUT

## Year 2010



### Private Clinic San Pio X – Milano (Italia)– Renovation of Operating Theatre and Post Operating Intensive Care Unit

- Planning coordination
- Project Management
- Supplier selection and contract management
- Technical and Commercial Consultancy for Medical Equipment Procurement
- Site management
- Consultancy and Assistance to authorization's procedure



# WORKS CARRIED OUT

## Year 2004-2008



Oxford Churchill Hospital (UK) with PFI project on behalf of Impregilo New Cross Ltd:

- Medical Equipment Director
- Definition of all medical equipment
- Preparation of contractual text regarding medical equipment
- Layout definition for medical equipment
- Supplier definition and purchasing contract
- Works management on site during construction and installation



# WORKS CARRIED OUT

## Previous years



N° 11 Maintenance System for Albanian Health Services into 11 Hospitals  
(CEC-PHARE project AL-9406.01-T02).

Intensive Care Unit of Azienda Ospedaliera Papardo - Messina

- Project Design, supplying of patient monitoring system, central monitoring and patient data management.



N° 23 Albanian Hospitals, contract signed with PHARE EUROPEAN  
COMMUNITY:

- Project design and supplying of first aid equipment.

Neurosurgery Resuscitation Unit of Hospital UCH "Mother Theresa"  
of Tirana (Albania)

- Project design and site assistance
- Supply and installation of equipment



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## T.I.P.O. and Surgical Rooms of new ward of Ospedale Di Venere – Bari

- Project design and site assistance,
- Supplying and installation of fixed equipments..

## Surgical Rooms of Ospedale Generale of Venosa

- Project design and site assistance,
- Supplying and installation of fixed equipments..



## Disable private housing

- Executive project for polling down architectural barriers and wall accessory for implementing the domestic mobility of holders and/or disabled ,

## Private Medical Surgery:

- Project design and site assistance.





## **Medical Design & Technology srl**

Via Sartirana, 14 • 20017 Rho(MI) • Italy

Mobile +39 335.7107146

[info@mdtmedical.com](mailto:info@mdtmedical.com)

Tel. +39 02 89450862

Fax. +39 02 89450863

VAT n° 05396180969