

## PROFESSIONISTI AL SERVIZIO DELLA TUA SALUTE

Da noi i pazienti sono prima di tutto persone.



# **Company Profile** <sup>2022</sup>

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### **Group overview** MultiMedica Group at a glance



(\*) valore della produzione esercizio 2016

- 7th Healthcare Group in Italy, operating in Lombardy both in the accreditation regime with the National Health Service (NHS) and in the private regime Limbiate Castellanza – 🔹 – Sesto S. Giovanni 4 hospitals (of which 1 IRCCS (Institute for Treatment and Research) and 1 Classified Hospital, Educational Center of the University of Milan, 1 out-patient clinic, 1 analysis center, 1 occupational Milano medicine center, 2 research centers, 1 non-profit foundation 812 beds - 305 consulting rooms - 60 dialysis technical seats - 21 operating rooms - 1 ER e 1 EAD 20.869 patients in 2021
- 2.336 people at 31.12.2021, of which 83% employees

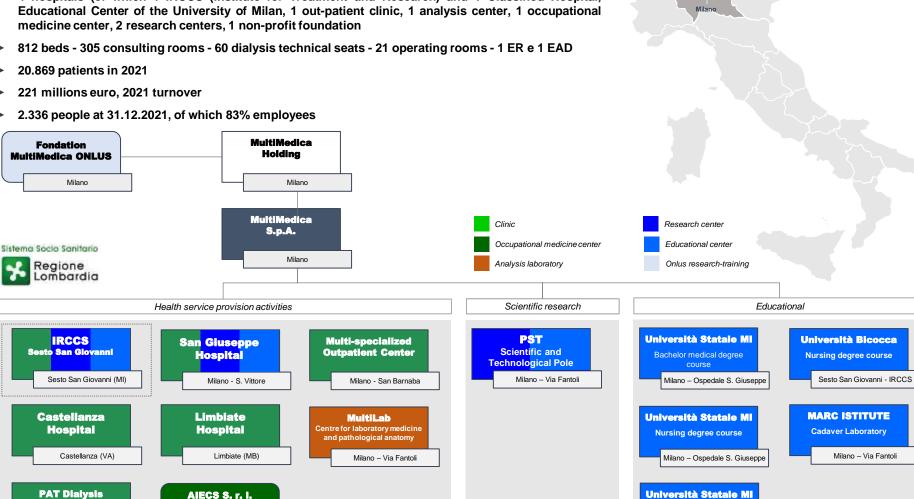
**Polyspecialist Medical** 

Centre - MdL

Milano - Via Fantoli

Assistance Center

c/o Pio Albergo Trivulzio (MI)



**Bachelor of Science** 

orthotics

Milano - Ospedale S. Giuseppe



Management Team	Control Bodies		Supervisory Bodies / Advisory Committees			
<b>Board of Directors</b>	Board of Statutory Auditors	Auditing Firm	Supervisory Body (D.Lgs 231)	Ethics Committee IRCCS	Task Force	
P Raffaele BESSO AD Daniele SCHWARZ A Giorgio IACOBONE A Anna SCHWARZ Nomination	P. Paolo COMUZZI S.E. Piero A. BUSNACH S.E. Giovanni TALIENTO S.S. Antonio MICALIZZI S.S. Marcello MERLINI	BDO ITALIA S.P.A.	P. Enrico GIARDA M. Giuseppe PERSANO ADORNO M. Federico MOLINA	P. Emilio TRABUCCHI Segr. Tanja DI STASIO	Gian Franco GENSINI Giuseppe AMBROSIO Girolamo SIRCHIA Emilio TRABUCCHI Roberta DAVINI	
Shareholders' meeting Composition 4 counselors Term of office 3 years	Nomination Shareholders' meeting Composition 3 Effectives + 2 Substitutes Term of office 3 runnings	Nomination Shareholders' meeting Term of office 3 runnings	Nomination Board of Directors Composition 3 members Term of office 3 runnings	Nomination Board of Directors Composition 15 indipendent members Term of office 3 runnings	Nomina General Direction Composizione 5 members Durata mandato To revocation	



The MultiMedica Group adopts a business management model certified by an independent external body (Bureau Veritas), according to the international reference standard UNI EN ISO 9001, as an integrated tool for business management and clinical governance.

### VISION

«From cure to care»

Provide not only the best possible care, but take care of the person in all its aspects: physical, mental, emotional and social-relational.

That means putting people and their wellbeing before any other consideration: the patient, his family and his family doctor are at the centre of our Group's treatment and research activities.

VALUES **INNOVATION COLLABORATION** QUALITY TRANSPARENCY SAFETY RESPONSIBILITY ETHIC



### MISSION

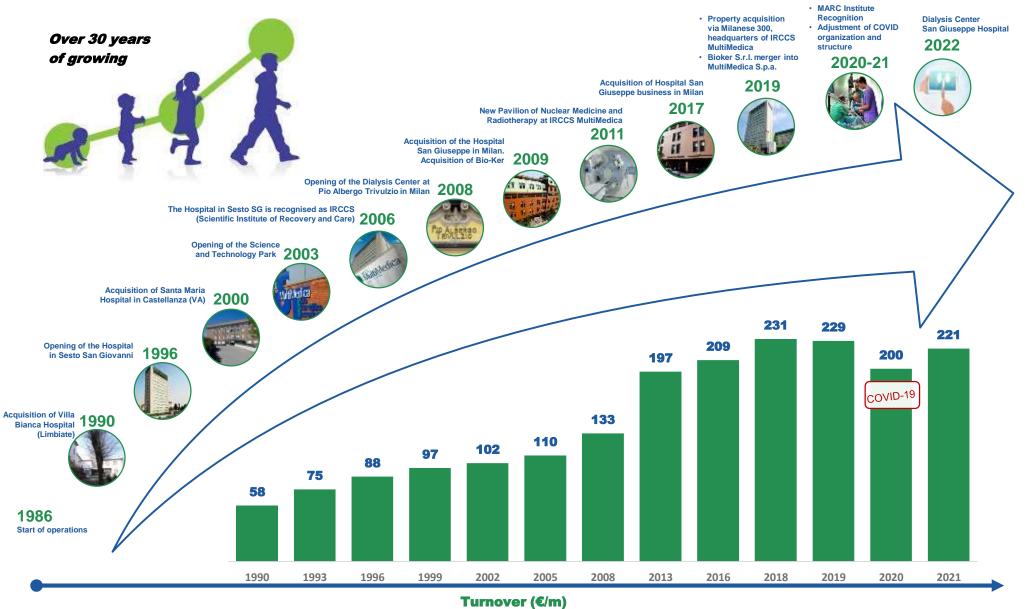
Not only ensuring top class healthcare services, but embrace a commitment to health in the broadest sense, comprehensive improvement of the quality of life for the population.

Implement innovative and personalized care and treatment paths.

Develop networking according to a model of clinical, research and inclusive education: open to the territory, to doctors, to relatives, to institutions. **Group overview** 

### Milestones





### **Group overview** *Our Centres*





### Group overview Key data



#### Structures



1 ER + 1 EAD



21 Operating rooms



32 cots (20 patological–12 fisiological)



60 dialysis technical seats



305 consulting rooms



812 beds



100.000 sq.

#### Facts and figures 2021



4.161.620 outpatient services



25.053 surgeries



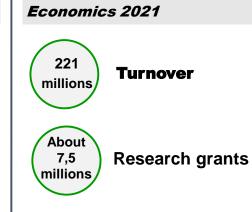
139.800 days of hospitalization



20.869 discharged patients



33.032 access to ER



#### **Research and education 2021**



300 publications 1.520 IFN Points 82 trials

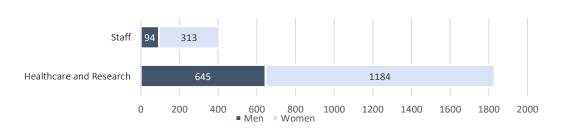


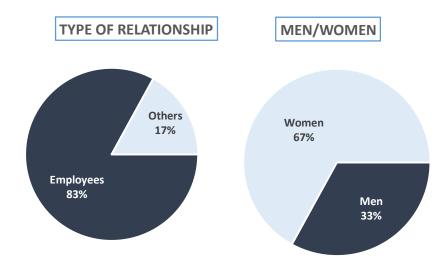
1.309 learners 6.716,10ECM credits assigned 10.214,85 training hours

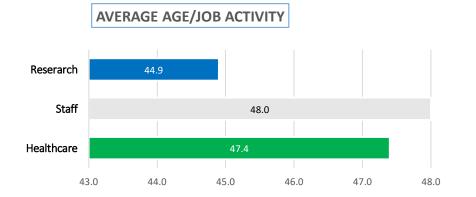
### **Group overview** *Headcount*

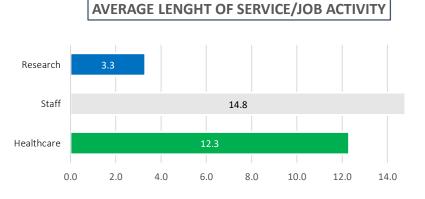


- ▶ In the health sector, Human Capital has traditionally been the main investment item
- ▶ As at 31 December 2021, the Group had 2.331 members of staff, 82% of whom were employee









### **GENDER/JOB ACTIVITY**

### **Clinic** *Medico-surgical Specialties*



Allergology	ANATOMY AND PATHOLOGICAL HISTOLOGY	Andrology	ANESTHESIA AND REANIMATION	Cardiosurgery	CARDIOLOGY CORONARY UNIT
EAD ER	CERVICAL FACIAL CANCER SURGERY	HAND SURGERY	General surgery - Bariatric S.	PLASTIC, RECONSTRUCTIVE AND AESTHETICS SURGERY	THORACIC SURGERY
VASCULAR SURGERY	DERMATOLOGY	Diethology	ELECTROPHYSIOLOGY	Haemodynamics	HEPATOLOGY
PHYSIATRY, SPECIALISED AND NEUROMOTOR REHABILITATION	GASTROENTEROLOGY AND DIGESTIVE ENDOSCOPY	Obstetrics and Gynaecology	ENDOCRINE DISEASES AND DIABETOLOGY	LABORATORY MEDICINE	GENERAL PRACTICE
NUCLEAR MEDICINE	NEPHROLOGY AND DIALYSIS	NEONATOLOGY	NEUROLOGY	Ophthalmology	MEDICAL AND SURGICAL ONCOLOGY
ORTHOPEDICS	OTOLARYNGOLOGY	PNEUMOLOGY	CLINICAL PSYCHOLOGY	Radiology and diagnostic imaging	Radiotherapy
CARDIOLOGICAL REHABILITATION	MEDICAL AND SURGICAL SENOLOGY	STROKE UNIT	INTENSIVE CARE	DIABETIC FOOT TREATMENT	TREATMENT OF HEART DECOMPENSATION

UROLOGY

SurgeryArea



#### **Cardiovascular and Metabolic Department**

The **Cardiovascular Department** is one of MultiMedica Group's fields of excellence because since 2006 our Hospital in Sesto San Giovanni (Milano) was appointed IRCCS (Scientific Institute of Recovery and Care) for cardiovascular diseases by the Italian Ministry of Healthcare, including the research activities done in the PST Center.

The strong synergy between the clinic activities and the research work enables the IRCCS MultiMedica to be very active in the translational medicine field, specifically as regards heart failure and diabetes.

Since May 2015 the Ministry of Healthcare has created a **National network of excellence for the cardiovascular diseases** and IRCCS MultiMedica was appointed leader of the team dedicated to "Heart Failure" and member of the team dedicated to "Hypertension, Diabetes and Metabolic diseases".

In this context, we wish to emphasize the Group's excellence in the field of diabetes with special regard to the **treatment of diabetic foot**. Due to this distinctive feature, MultiMedica has become a reference center for the prevention and treatment of diabetes, as it is able to administer care to patient at 360°, even before the disease shows early symptoms thanks to its targeted studies for early detection.



#### **Oncology Department**

By its multidisciplinary perspective, the **Oncology Department** provides the patient all the diagnostic-therapeutic approaches compliant with the international guidelines and protocols, always bearing in mind the importance of human relation.

In this field it is worth mentioning the **Breast Care Unit**: a model of organization and integration - structured in a path of diagnosis, prevention and global care - able to efficiently and effectively respond to the health demands of women. A place of listening, where woman can turn to learn more about her breast, to plan tailored program of periodic checks, to request and to carry out the diagnoses of suspicious breast lumps or nipple discharge.

The interdisciplinary approach followed by our specialists - whose highest expression is the Tumor Board, a weekly meeting for the joint interdisciplinary discussion of clinical cases – ensures to our patients a complete diagnostic-therapeutic course, stepping from the screening to the follow-up, through the cyto-histological diagnosis, the surgery (with eventual breast reconstruction), the medical and radio therapies. Breast cancer is a complex disease indeed, requiring several needful skills and technologies in order to ensure the best possible care. The clinical and organizational characteristics described above allowed the Breast Care Unit MultiMedica to be awarded with the **Eusoma Certification**: a kind of *Protected Designation Origin* label (DOC, in Italian) conferred at the end of a complex assessment process wherein the appointed Commission – aiming to measure by a series of indicators the quality of structured methods to treat the women diagnosed with breast cancer - deeply scanned operational volumes, physicians, processes and all the stakeholders involved in patient-assistance.



## **Clinic** Excellencies

#### Maternal and Child Care Department

The **Maternal and Child Care Department** of San Giuseppe Hospital has been completely renovated not only in technological equipments, but also in interior design and comfort of rooms and suites.

It features two delivery rooms, also with a separate room for underwater birth, operating rooms that are at the forefront of technology, and wards with single rooms and suites for the most demanding patients. A Perinatal Medicine service that assist women willing to become mothers from before the conception up to the first years of the newborn babies. The Neonatology Unit is fully equipped also with cradles for pathological newborns, as well as equipped for emergency neonatal interventions. Specialized outpatient departments are supported by additional services such as umbilical cord blood banking, the center of infant feeding, the bank of Human Milk, and the obstetrical home health care services.

#### Academic Operative Unit for the Surgery and Rehabilitation of Hand

The Academic Operative Unit for the Surgery and Rehabilitation of Hand has been opened in September 1996 in MultiMedica, and during these years it established itself as the largest department in Europe. More than 80 professionals work in it, including surgeons, therapists, nurses and office workers; 8,000 patients - including over 600 children less than one-year-old with congenital malformations – receive surgical attention every year. Several students and trainees in surgery, physiotherapy, and occupational therapy join this operative Unit, which represents a national reference for professional training in the field.

#### Clinical Arrhythmology and Electrophysiology Centre

With the support of a team with professional expertise and clinical experience gained over the years, represents one of the excellence of the MultiMedica Group. The Center's mission is to take care of patients with cardiac and cardiovascular arrhythmias. The facility uses the most advanced methods of intervention and technologies, such as transcatheter ablation of atrial fibrillation and the subcutaneous or wireless defibrillator. Located within the MultiMedica Scientific Institute, the Center is also characterized by extensive research activity, aimed at exploring further developments in the field of implantable devices, the expansion of pharmacological options and interdisciplinary collaboration.

### Pneumology Unit

The **Pneumology Unit** of San Giuseppe Hospital is one among the few European centers dealing with rare lung diseases both interstitial (pulmonary fibrosis, sarcoidosis, LAM, etc.) and vascular (pulmonary hypertension, vasculitis, etc.), and connective tissue diseases with lung involvement. *Regione Lombardia* recognizes this unit – assisting with more than 1,000 patients - as the regional reference for rare diseases. All the clinical and instrumental investigations - from bronchoscopy to right heart catheterization – are hereby performed, and to date the Hospital stores the most important record of some rare lung diseases, such as Lymphangioleiomyomatosis (LAM), in Europe.











#### Rehabilitation Department of ...

#### ... cardiology

The Specialist Rehabilitation Cardiology of the MultiMedica Group develops at the Castellanza Hospital and at the San Giuseppe Hospital in Milan, for a total of 70 beds + 8 beds of sub-intensive therapy. It is characterized throughout Lombardy for a particular expertise in the management, care and follow-up of post-cardiac surgery patients complicated and / or suffering from chronic heart failure in an advanced stage. Over the years, MultiMedica has developed important and specific medical-nursing skills with particular reference to the management of patients with tracheostomy cannula, difficult surgical wounds (also infected and with deep diastases) and with refractory heart failure. The progressive demographic transition that inevitably is associated with a greater risk of comorbidity and therefore the management of increasingly complex patients in the cardioriabilitative field, requires and will require a multidisciplinary approach (Internist, Infectious Disease, Nephrologist, Resuscitator, Dietician) adequate to address all those clinical problems now typical of a Cardioriabilitation in step with the times. In this sense MultiMedica has established multidisciplinary teams able to face and resolve the possible critical issues arising during the cardioriabilitative path of each individual patient.



#### ... neurology & respiratory

MultiMedica has organized in an integrated way in its structures the High Complexity Neurological Intensive Rehabilitation - IAC.

The Limbiate Hospital offers the possibility to neurological patients (in particular to patients affected by movement disorders and serious brain injuries) to access a cognitive meta-rehabilitation path in a specially designed space called the Integrated Laboratory, where the psychologist and physiotherapist share a path of integration between neuromuscular recovery and the cognitive experience of motor re-learning. In Castellanza Hospital the peculiarity of casuistry is characterized in the context of Neuro lesions, from the treatment of residual disability resulting to spasticity, treated with pharmacological approach (neuromuscular blocks with botulinum toxin), management of intrathecal drug administration, surgical with interventions of neuro functional surgery. In this context, the use of the Motion Analysis Laboratory, equipped with the most modern multifactorial analysis instruments, allows us to combine the instrumental data of the patient's assessment with the clinical data.

In San Giuseppe Hospital, the peculiarity of the series is characterized by patients suffering from ischemic stroke or acute and post-acute cerebral hemorrhages; the patient is followed with a multidisciplinary approach: doctor, physiotherapist, nursing and, in selected cases: speech and psychological. Another peculiarity is the Respiratory Rehabilitation and the main pathologies treated are the following: chronic obstructive bronchitis (COPD), bronchiectasia, respiratory failure, pulmonary emphysema, interstitiopathies and pulmonary fibrosis. The purpose of the rehabilitation program is to achieve a reduction of respiratory symptoms and an improvement in functional capacity and quality of life.





#### Stroke Unit

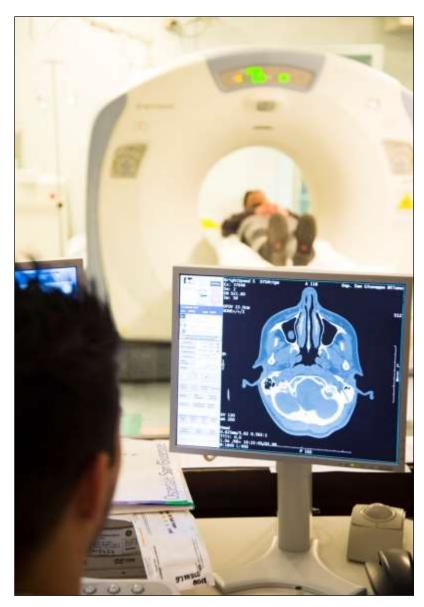
At the **Stroke Unit** of the San Giuseppe Hospital, patients with ischemic or hemorrhagic stroke are treated with first level equipment and, when indicated, thrombolysis by venous route is performed.

The watchword of the team is "speed", aware of how, in the treatment of stroke, the time variable is fundamental in preserving the integral health of the brain, according to the English motto: *time is brain*.

In this sense, the cooperation with the Intensive Care Unit is important for the treatment of the most complex cases, and with the Neuromotor Rehabilitation Department, which brings even patients with significant neurological deficits to sensational results, in terms of recovery, thanks to the timely treatment.

Also important is the cooperation with Vascular Surgery for the management of patients with carotid stenosis.





## Research 2021 facts and figures – 2022 planning



#### Institutional goals Scientific Direction Clinical research laboratory Director: Prof. Gian Franco Gensini · Health care of the multipathological cardiovascular Cardiovascular imaging patient and related high profile translational research Heart failure activities: Centres / Resources Electrophysiology · Continuity of care aimed at improving patient treatment and reducing hospital admissions and related costs, to be implemented also with the intensive adoption of new □ 2 centres: technologies for remote monitoring and telemedicine; IRCCS of Sesto S. Giovanni New models of primary cardiovascular prevention Laboratories of dedicated to clinical through the coordination of research, treatment and assistance and research Biochemistry and Molecular Biology assistance on the three main cardiovascular risk Scientific and Technological Cell Culture factors: diabetes, dyslipidemia and hypertension; Park of Via Fantoli (PST) □ MOGM BL2 • New ways of collaborating with GPs, also through the dedicated to basic research creation of intermediate care facilities between the Citofluorimetry hospital and the territory; · New forms of internal organisation for taking charge of 221 Researchers engaged, people suffering from cardiovascular diseases through with different capacities and Bacterial cultures the systematic adoption of PDTA and PAI; within varying amounts, in • Support for the activities of young researchers and Microscopy and TMA research activity promote their participation in calls for bids.

- Lipids, Lipoproteins, and Cardiovascular Disease
- Endocrinology, Nutrition and Metabolic Diseases.
- Lab Omics

#### Linee di Ricerca 2021 - 2023 Network

#### Research Line #1:

Cardiovascular Disease and Pluripathological Subject: Pathophysiology, Translational Research and Care.

#### Research Line #2:

Study of Risk Factors for the Prevention of Cardiovascular Diseases: Pathophysiology, Translational Research and Experimental Applications.

#### Research Line #3:

Collaborative network and transnational research: ERANET projects and Cardiology Network

MultiMedica, in order to increase the effectiveness of its research activities, has established contractual relationships with various universities, private institutes and public research organizations.

IRCCS MultiMedica adheres to the "Cardiological Network" promoted by the Ministry of Health for the coordination of scientific and technological research in the field of cardiovascular disease and related risk factors.

As part of the Cardiology Network, IRCCS MultiMedica participates in multi-year projects of national relevance such as CV Prevital - Strategies for primary cardiovascular prevention in the Italian population, Health Big Data - Virtual Institutes of Cardiovascular Pathology and Manifestations in Long Covid.

# Results

□ 1.520 Normalized Impact Factor points for a number of publications equal to 300, of which 1.059,22 refer to the Cardiovascular Research and Covid area alone for a number of publications equal to 182.

- □ 82 active trials with 6.207 patients recruited.
- □ 3.700.000 € of ministerial funding (Ministry of Health)
- □ 2.700.000 € of public and private funding

### Training



#### Institutional goals

- In agreement with the University of Milan and Milano-Bicocca: to contribute to classroom and field training of the new medical-nursing class
- Protect the health of its employees by providing internal training courses on accident prevention and safety in the workplace in accordance with the law
- Keep MMG, Specialists and paramedical staff up to date in the field of research, clinical and healthcare organization.

#### Education

In the area of training, the **courses and specialized training, including for the purposes of CME** (Continuing Medical Education) as a regional provider, have consuntivato in 2020:

- □ 8.314,00 hours of internal training
- □ **1.900,85** hours of external training
- 1.309 learners
- □ 6.716,10 ECM credits

#### UNIVERSITÀ Degli studi di milano

The University of Milan and MultiMedica are linked by a convention, renewed and expanded in spring 2010, thanks to which the **San Giuseppe Hospital is the University Educational Pole of the Faculty of Medicine.** In 2012, the Degree Course in Nursing and the Short Degree Course in Orthoptics were also activated.

#### Academic Year 2021, 349:

Medicine 169

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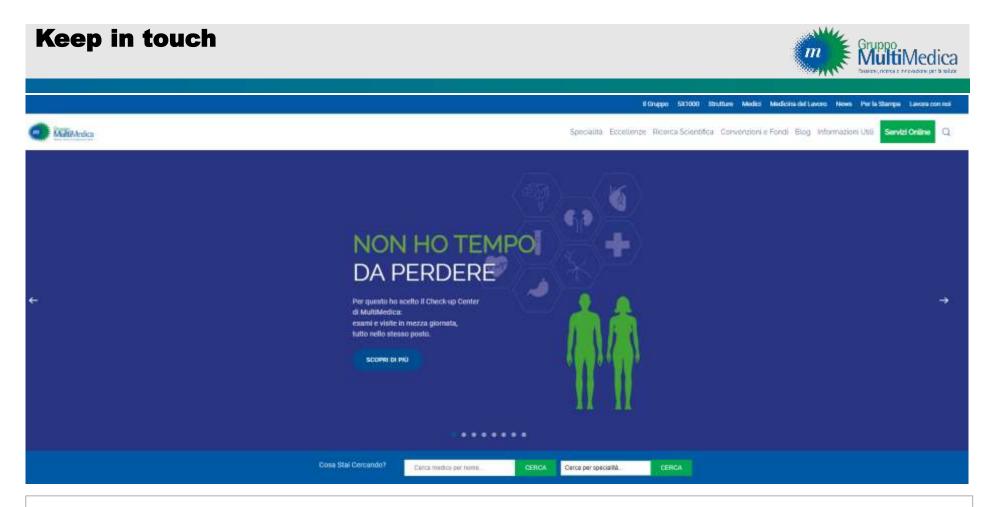
- Nursing 127
- Orthoptics 53

#### **M.A.R.C. INSTITUTE**

Milan Anatomical Research Center Cadaver Laboratory

- Within its Scientific and Technological Park, the MultiMedica Group has implemented one of the most innovative national and international spaces for **dissection and study of human anatomy** as a whole.
- □ It's the first **Cadaver Laboratory** in a hospital group: a space where operators of the medical world can study, experiment, perfect surgical practices, deepen anatomical knowledge and also find new techniques and refine the most valid ones on fresh/frozen anatomical preparations, all accompanied by advanced technologies and a team of professionals ready to support any training path.
- □ MARC is equipped with:
  - o 2 sectorial rooms for a total of 200 sqm divided into:
    - Large sectorial room: equipped with 11 tables = 22 workstations
    - Small sectorial room: equipped with 4 tables = 8 workstations
  - o 1 teaching room of 80 sqm for 40 people
  - Service areas (catering area, secretary's office, changing rooms, etc.)
  - o Large parking





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