

MULTIMEDICA GROUP

HEALTHCARE FOR THE FUTURE

COMPANY PROFILE

www.multimedica.it



About us

The MultiMedica Group (www.multimedica.it), with over 30 years' experience in the Italian health service, currently comprises 1 IRCCS (science-oriented hospitalization and treatment center), 2 hospitals, 2 multi-specialty out-patient clinics, 1 medical laboratory facility - MultiLab, and 1 Science and Technology Center dedicated to research in the life-sciences. Additionally, Fondazione MultiMedica ONLUS promotes and supports scientific research and professional training in the healthcare sector.

MultiMedica IRCCS

Sesto S. Giovanni (MI) - Via Milanese 300

MultiMedica hospital facilities

Castellanza (VA) - V.le Piemonte, 70

Limbiate (MI) Via Fratelli Bandiera, 3

Multi-specialty out-patients clinics

Milano

Via San Barnaba, 29

P.za della Repubblica, 7/9

Science and Technology Center and MultiLab

Milano - via Fantoli, 16/15

MultiMedica Foundation ONLUS

Milano – Via Fantoli, 16/15

Both our hospitals and the multi-specialty out-patients facility in via San Barnaba are **accredited by the Region of Lombardy** so that citizens may access all our services through the National Health System.

Our philosophy

At the heart of all MultiMedica Group care, assistance and research activities are the patients, their families and GPs. Our goal is to guarantee not just healthcare services but actual health and real improvement to the quality of life of the population.

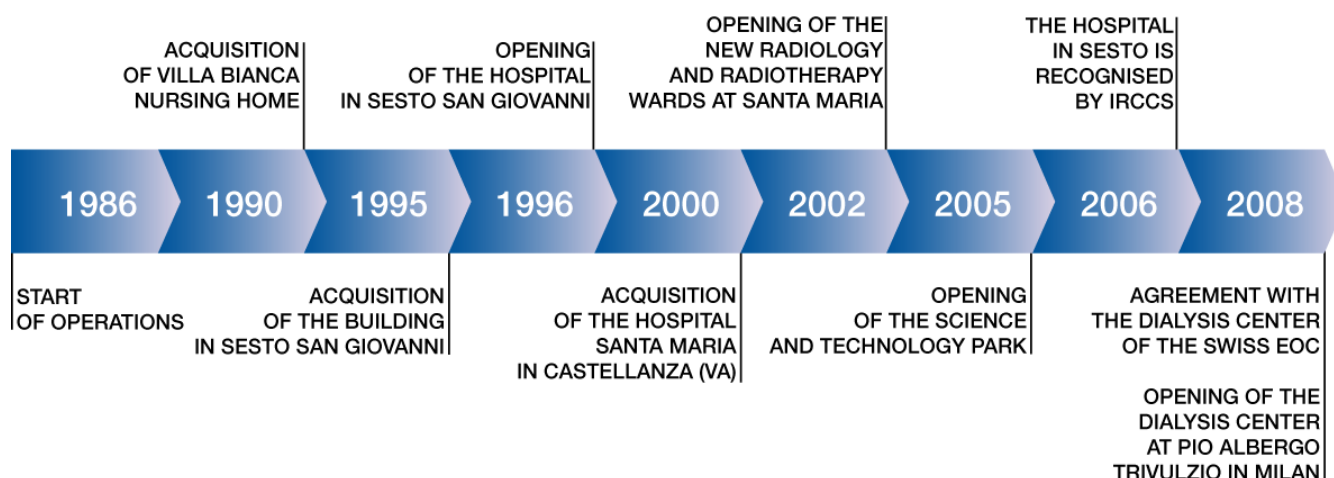
Behind all our work is a powerful vision of personalized care for each individual, keeping in mind innovation, safety and global quality, not as a merely bureaucratic procedure, but as an expression of the values we aim to promote in our daily practice.

We aim to be an "open" organization with respect to:

- the territory, through partnership with the public authorities and universities
- GPs, providing access to our services and expertise as well as information and updates
- families, helping them to provide assistance and care to their loved ones.

Moreover, MultiMedica Group's drive towards a global Quality System is no mere red tape procedure, but an effort that is seen as a fundamental requirement for continuous improvement in the multiple areas of expertise within our organization and the quality of service we provide to patients. The logical conclusion of this vision is the Group's commitment to basic and 'translational' research, enabling new scientific discoveries and medical achievements to be rapidly translated into treatments for delivery within our hospitals and clinics.

Milestones



Facts and figures

- 70,000 sq. m. (floorspace)
- 508 beds
- 150 consulting rooms
- 13 operating rooms
- 1 EAD Emergency Room – Emergency and Admissions Department (IRCCS - Sesto S. Giovanni)
- 1,220 employees
- 183 medical consultants

Services furnished in 2008

- 21,228 hospitalized patients for a total stay of 107,087 days
- 12,202 general surgeries
- 1,462 day surgeries
- 3,300 out-patient day surgeries
- 3,014,203 out-patient treatments

Training in 2008

226 training courses, 149 of which in-house and 77 outside

A total 10,465 ECM credits

4,476 participants in training events

Prevention

In 2008 MultiMedica reinforced its commitment to spreading a culture of health prevention and promotion throughout the local community where the Group's hospitals and out-patients departments are located.

This led to the organization of **Prevention Days** in:

Cardiovascular diseases - (within the framework of the initiative "I Giorni della Salute") 5 to 11 June, 2008, for a total **366 free examinations**.

Senology – May 9 and November 28, 2008, for a total **165 free examinations**.

Nephrology – with the World Kidney Day, March 13, 2008 for a total **47 free examinations**.

Hand surgery – October 25, 2008 for a total **171 free examinations**.

Partnership with universities and academia

In 2008, MultiMedica Group signed an agreement with the [Università degli Studi di Milano – Bicocca](#) to work together to promote joint programs for scientific and technological research and high quality training. Currently we are collaborating in the areas of cardiovascular and advanced biomedical technologies, with projects on the genetics of cardiovascular disease, pharmaco-genomics and obesity, but we expect co-operation to extend to other areas of mutual interest in the short term.

Agreements with specialist schools of various universities

Università dell'Insubria	Univ. degli Studi di Milano	Università di Parma
Pathological anatomy		
		Anesthesia and resuscitation
	Heart surgery	
	Surgery	
	Reconstructive plastic and aesthetic surgery,	
	Vascular surgery	
Oncology		

Corporate structure

MultiMedica Group comprises several hospitals and multi-specialty out-patients facilities under a single Holding ((MultiMedica Holding S.p.A).

Total Group revenues in 2008: € 130 mil.

Investments in 2008 amounted to € 7.1 million, primarily focused on enhancing diagnostic equipment and technology across all hospital facilities and the Science and Technology Center.

Technology

The [Cardiovascular Department](#) is one of MultiMedica Group's areas of focus and is equipped with 4 angiographic rooms (hemodynamics, electrophysiology, peripheral angiography) complete with the latest advanced systems, enabling us to perform complex cardiology and interventional radiology procedures.

In 2008 alone, we performed 438 **heart surgery cases** in our IRCCS in Sesto San Giovanni (MI), corresponding to a stay of 3,691 days.

In the same period, the **Diabetology cases** were 637, corresponding to a stay of 2,491 days, and the **Interventional Radiology procedures** were 839.

Our [Oncology Department](#) adopts three different approaches: surgery, medical oncology and radiotherapy/brachytherapy ensuring that those who come to us for care can be sure of a highly specialized multi-disciplinary approach which recognizes the importance of a strong, humane relationship with the patient and their families. In January 2008 the department was further enhanced with the introduction of IORT (Intra Operative Radiation Therapy), an innovative technique performed directly during surgery. Meanwhile, at the Sesto San Giovanni IRCCS, construction work began in 2009 on a purpose-built radiotherapy center with two more linear accelerators and a TC scan simulator, and enlargement of the [Nuclear Medicine](#) department. When completed the department will contain the latest, most advanced facilities and equipment for the complete morpho-functional examination of an organ or system, as well as 3 PET (Positron Emission Tomography) devices for a broad range of cardiac, neurological applications and especially cancer diagnostics.

With its 4 radiology centers, the MultiMedica Group [Diagnostics Imaging](#) services are among the most advanced in Lombardy. Overall, in addition to multiple traditional radiology rooms, the group has 15 ultrasound CT scanners, 3 spiral CT scanners, 4 hemodynamics monitoring systems and 4 NMR systems (two of which high field). At the end of 2008 we installed Lombardy Region's first Somatom 128 TC scanner whose revolutionary features have clinical and research applications in the cardiovascular sector.

All Group diagnostics activity is managed using a [PACS](#) (Picture Archiving and Communication System) to transfer CT or NMR generated images to digital media.

Scientific Research

In 2002 MultiMedica began research studies designed to:

- ✓ Support and develop clinical and basic research projects for the prevention, relief or treatment of diseases in patients.
- ✓ Create multi-disciplinary synergism among the various MultiMedica specialist areas to achieve a global integrated management of the different projects.
- ✓ Integrate basic research and clinical practice by rapidly delivering the results of studies to the patients' bedside.
- ✓ Foster new ideas and creative applications within the Group's various medical disciplines.
- ✓ Educate and train students, lab technicians, nurses, biologists and physicians, providing the tools required for continuous training and education.

Since 2004 these activities have been expanded with the work of the [MultiMedica Science and Technology Center](#) which occupies around 10,000 square meters of research and diagnostic laboratories, technology platforms, logistics and offices in the east of Milan.

The **Scientific Director** is Prof. Mario Condorelli, while the **Ethics Committee** is headed by Dr. Silvia Marsoni.

In 2008 the Group had 49 researchers, 35 of whom are under 40 years old.

In 2008, **scientific production** in the cardio-vascular and oncology sectors generated **330.6** Normalized Impact Factor points.

Areas of Research at the Sesto IRCCS and the MultiMedica Science and Technology Center

MultiMedica research currently addresses the following areas of complex genetic diseases:

1. Heart failure, arrhythmology and cardiovascular complications
2. Stem cells, endothelial and tissue engineering: physiology, pathology and therapeutic approaches
3. Arterial hypertension and nephropathies
4. Atherosclerosis and Cerebral-vascular aging
5. Diabetes mellitus, obesity and dismetabolic diseases

Research funding in 2008

In 2008 MultiMedica Group received €1,606,396 for **current research** from the Ministry of Health and €4,205,049 in further public and private funding for **targeted research**.

The Group's hospital and lab facilities have attained important qualifications such as UNI-EN-ISO 9001:2000 certification, and comply with the 58 Joint Commission standards promoted by the Lombardy Region.

MultiMedica Group Hospitals and IRCCS

www.multimedica.it

IRCCS in Via Milanese, 30 – Sesto S. Giovanni (MI)

Switchboard 02 24209.1 • CUP 02 2420.920

21,500 sq. m; 163 beds, 29 technical dialysis seats

This multi-specialty surgical facility is an acknowledged IRCCS (Science-Oriented Hospitalization and Treatment Center) *for cardiovascular diseases* where world renowned physicians operate with the support of highly qualified medical teams and leading edge technology. Arriving at the Emergency Admissions Department patients are within 20 meters of all critical and closely interconnected resources—diagnostic imaging, hemodynamics, operating rooms, coronary unit and intensive care. For this reason the facility is listed as Member of the Province of Milan's Cardiology Emergency Network.

MultiMedica Hospital in V.le Piemonte, 70 – Castellanza (VA)

Switchboard 0331-393111 • CUP 0331-393238

22,000 sq. m; 266 beds, 19 technical dialysis seats

Acquired by the MultiMedica Group in May 2000, the MultiMedica hospital in Castellanza has undergone considerable renovation and expansion to increase the number of operating rooms, doubling radiology capacity, creating a new sterilization facility to cater for the new operating theaters and a new hemodynamics facility for heart surgery and interventional radiology.

Focusing on oncology, this MultiMedica Hospital has seen continuous investment in diagnostic and care technologies. A new radiotherapy section was implemented, followed by the introduction of brachytherapy and, at the beginning of 2008, IORT (Intra Operative Radiotherapy). Again in 2008 an international agreement was signed with the Swiss Ente Ospedaliero Cantonale (EOC) for the development of joint care and research projects.

MultiMedica Hospital in Via Fratelli Bandiera, 3 – Limbiate (MI)

Switchboard 02 -9966041 • CUP 02 2420.920

71 beds

The oldest of MultiMedica's facilities, better known as Villa Bianca, specializes in rehabilitation services. Located in the beautiful setting of Parco delle Groane, it is only 14 km from Milan and can claim over 50 years of medical tradition. Once again, this hospital has seen the continual adaptation of equipment to standards of excellence particularly in neuromotor rehabilitation, orthopedics and sports injury rehabilitation in conjunction with the Italian Gymnastics Federation.

MultiMedica Group Diagnostics Laboratory

MultiLab, via Fantoli, 16/15 – Milan
switchboard 02-554061
2,500 sq.m.

MultiLab is the laboratory diagnostics offshoot from MultiMedica Group's Laboratory Medicine Division whose mission is to develop innovative and high value added tests not normally available in most public or private institutions, and to improve standard tests for maximum quality, timeliness, and cost-effectiveness.

The center has adopted highly sophisticated and innovative technologies such as:

- Robotized extraction procedures
- Routine sequential analysis
- Urgent infectivological molecular tests
- Genetic tests
- Complete AAC (Auto Antibodies) panels and allergens

The combination of these and other features enable MultiLab to operate as a *vertical organization outsourcing laboratory*, capable of managing large test volumes and providing effective and efficient responses to small/medium size laboratories as well as to third party hospitals.

Approximately 2,000 tests are included in the test menu, providing responses to a range of diagnostics requirements both in pathological anatomy and laboratory environments.

MultiMedica Science and Technology Center

In line with the strategic goal of continuously investing in scientific research, at the end of 2005 the Group established the Technology and Science Center which combines public and private research on the basis of European directives. The center is designed to establish collaboration between MultiMedica Group and the National Research Council ITB (Biomedical Technology Institute), the NRC Molecular Design Department, the excellence center of the Università di Milano - CISI - Centro Interdisciplinare di Studi bio-molecolari e applicazioni industriali (Interdisciplinary Research Center for Bio-molecular and Industrial Applications) and the private company BioRep which hosts Europe's largest biological research specimen bank.

Interdisciplinary focus

To contribute to the progress of medical sciences: this is the primary goal that the Science and Technology Center set itself from its inception. This translates in practice into a mission to promote and improve current diagnosis, care and rehabilitation processes, developing new products, processes and services in the biomedical and biotechnology sectors, in addition to fostering a move away from curative to predictive medicine.

All this with an interdisciplinary focus which permits the participation of different qualified partners.

One of the functions of the MultiMedica Center is to carry out 'translational' research, designed to rapidly transfer research results from the laboratory to the patient's bedside.

MultiMedica combines stem cell research with another next generation medical practice, regenerative medicine, in its **BL3 Controlled Contamination Laboratory**, which produces cell based and biological drugs for the development of ad hoc treatments for individual patients to cure diseases for which no standard treatment is currently available.