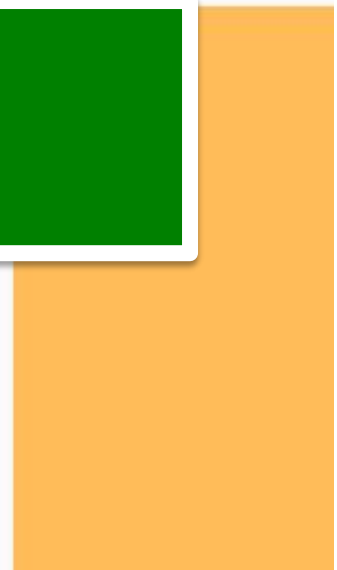




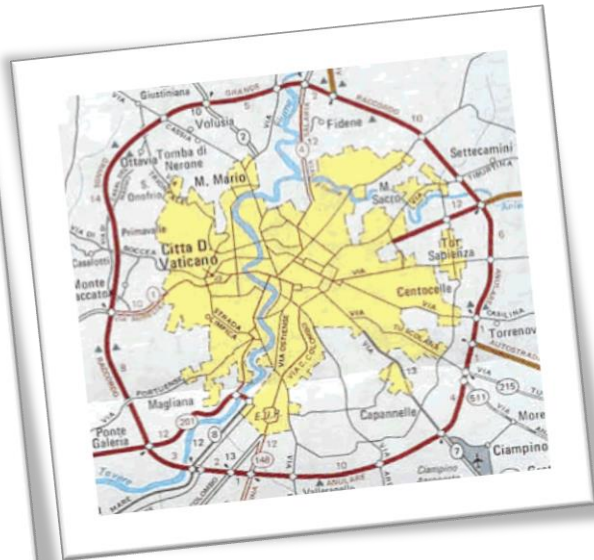
University of Rome Tor Vergata





The **University of Rome Tor Vergata** is a public University, established in 1982.

It is a 600-hectares campus located in the South-eastern of Rome.





OUR GOALS

Mission

...and Vision

DIDACTICS

RESEARCH

SUSTAINABLE DEVELOPMENT

THIRD MISSION



2030 Agenda for Sustainable Development and the SDGs

(adopted by the United Nations General Assembly on 25 September 2015)





OUR VISION



To contribute to individuals' education and training, to scientific research and to technological, organizational and social innovation in line with the Sustainable Development Goals approved by the UN in September 2015, also through the cooperation with private sector, public non-profit institutions at the national and international level.

We are convinced that the “2030 Agenda for sustainable development” has the power to unite an increasingly fractured Europe, to change European mind-sets and rebuild trust, to leverage “better business for a better world” and to contribute to the security of our continent.



OUR ACTIONS

1

- Increasing innovative and international educational programs and curricula

2

- Improving transnational and interdisciplinary research and developing selected Centers of Excellence

3

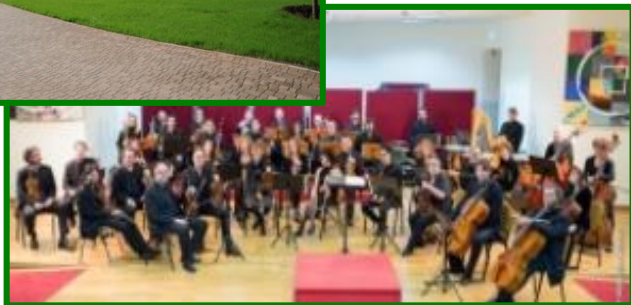
- Creating bridges between Institutions, Firms and Society



FACTS AND FIGURES



- ❑ **33.000** students
- ❑ **3.000** academic and administrative staff
- ❑ **6** Schools
- ❑ **18** Departments
- ❑ **6** libraries
- ❑ **29** computer labs
- ❑ Conference centre **Villa Mondragone**
- ❑ **106** graduate programmes
- ❑ **140** postgraduate courses
- ❑ **47** specialisation schools
- ❑ **31** Ph. D. programmes
- ❑ **6%** International students



- ❑ **Main services: Digital services; “White Code”** (basic health care centre for foreign students and those coming from other Italian regions except Lazio Region); **SECSathedra** (Psychological and Sex Counseling Centre)
- ❑ **E-learning: IAD School**
- ❑ **Libraries always open**
- ❑ **Cultural, sports and leisure activities: C.U.S. Roma Tor Vergata; Botanic Garden; Garden Golf University; Museo Archeologia per Roma (APR); Tor Vergata Sailing Club; Concert season organized by Roma Sinfonietta and Musica d’Oggi Association; Choir of Tor Vergata;**
- ❑ **Housing: Laziodisu (Italian regional body), CampusX, Fondazione Rui**
- ❑ **Tor Vergata Shuttle Bus**
- ❑ **Tutoring and Placement**



SCHOOL OF ECONOMICS

Via Columbia, 2

www.economia.uniroma2.it

SCHOOL OF ENGINEERING

Via del Politecnico, 1

www.inq.uniroma2.it

SCHOOL OF MEDICINE AND SURGERY

and University Hospital

Via Montpellier, 1

www.med.uniroma2.it

SCHOOL OF MATHEMATICAL PHYSICAL AND NATURAL SCIENCES

Via della Ricerca Scientifica, 1

www.scienze.uniroma2.it

SCHOOL OF LAW

Via Cracovia

www.juris.uniroma2.it

SCHOOL OF HUMANITIES AND PHILOSOPHY

Via Columbia, 1

www.lettere.uniroma2.it



DEPARTMENTS

Management and
Law

Economics and
Finance

History, Humanities
and Society

Philosophy Literature
Art

Public Law

Civil and Computer
Engineering

Industrial
Engineering

Electronic
Engineering

Management
Engineering 'Mario
Lucertini

Private Law

Biomedicine and
Prevention

Systems
Medicine

Experimental
Medicine and
Surgery

Clinical and
Translational
Medicine

Biology

Physics

Mathematics

Sciences and
Chemistry



SCHOOL OF ECONOMICS

- B.A. in Global Governance
- B.Sc. in Business Administration and Economics
- M.Sc. in Business Administration
- M.Sc. in Economics
- M.Sc. in European Economy and Business Law
- M.Sc. in Finance and banking

SCHOOL OF ENGINEERING

- B. Sc. In Engineering Sciences
- M.Sc. in ICT and Internet Engineering
- M.Sc. In Chemistry for nano Engineering (new)
- M. Sc. In Mechatronics (new)

SCHOOL OF MEDICINE AND SURGERY

- One cycle Degree in Medicine and Surgery
- M.Sc. in Physical Activities and Health Promotion

SCHOOL OF MATHEMATICAL PHYSICAL AND NATURAL SCIENCES

- One cycle Degree in Pharmacy
- M.Sc. in Biotechnology
- M.Sc. in Physics (curricula in English in Astrophysics - EMJMD; Physics for Instrumentation and Technology; Physics of Complex Systems and Big Data)
- M.Sc. in Science and Technology of Materials (curriculum in English in Material for Photonics - Dual degree)
- M.SC. In Pharmacy – dual degree with Cyprus International University - CIU

SCHOOL OF HUMANITIES AND PHILOSOPHY

- M.A. in History and Sources Studies (curriculum in English in European History – joint degree)
- M.A. in Art History in Rome from Late Antiquity to the Present (new)



DUAL/MULTIPLE/JOINT DEGREE COURSES

SCHOOL OF ECONOMICS

- B.Sc. in Business Administration and Economics – dual degree with Skopje American College
- M.Sc. in Finance and Banking – dual degree with University of Gothenburg
- M.Sc. in Economics – dual degree with University of Gothenburg
- M.Sc. in Finance and Banking – dual degree with University of Konzminsky
- M.Sc. in Business Administration – dual degree with Capital University of Economics and Business Beijing, China
- M.Sc. in Economics – dual degree with University of Konstanz
- B.A. in Global Governance – dual degree with National Research University Higher School of Economics, St.Petersburg
- B.Sc. in Business Administration and Economics – dual degree with National Research University Higher School of Economics, St.Petersburg

SCHOOL OF HUMANITIES AND PHILOSOPHY

- M.A. in European History – multiple degree with Universidad Complutense de Madrid, Tallinn University, Université Paris Diderot, University of Roma Tre, University College Dublin, King's College London, Freie Berlin University, Humboldt Berlin University, University of Vienna
- B.A. in Languages for Information Society – dual degree with Université Catholique de Lille
- M.A. in Philosophy – Double Degree with Martin-Luther-Universität Halle-Wittenberg

SCHOOL OF MATHEMATICAL PHYSICAL AND NATURAL SCIENCES

- M.Sc. in Physics, curriculum in English in Astrophysics (Joint Master Degree Astromundus with Innsbruck, Goettingen, Padova, Belgrade in Astronomy and Astrophysics)
- M.Sc. in Science and Technology of Materials – dual degree with Technical University of Applied Sciences - Wildau

SCHOOL OF ENGINEERING

- M.Sc. in Chemistry for nano Engineering – European Joint Master Degree



- ❑ Over **300 bilateral agreements** with Partner Universities all over the world, extra-EU and top Universities in the BRICS Area
- ❑ Over **500 Erasmus agreements** in Europe
- ❑ Member of **Uni-Italia** network

Member of **International Networks**:

- ❑ **EUA** - European University Association
- ❑ **YERUN** - Young European Research Universities Network
- ❑ **UNICA** - Network of Universities from the Capitals of Europe
- ❑ **GCUB** - Grupo Coimbra de Universidades Brasileiras
- ❑ **VIU** - Venice International University
- ❑ **AAHCI** - Association of Academic Health Centers International (AAHCI)



Network of Universities
from the Capitals of Europe





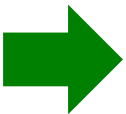
MAIN INTERNATIONAL RANKINGS



QS Graduate Employability Ranking 2018

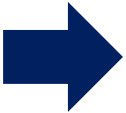
«Top 500»

#301-400 world rank; #8 national rank



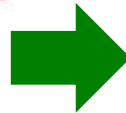
CWUR - Center for World University Rankings 2017

#294 in world rank (Top 1.1%); #9 national rank



**ARWU Academic Ranking of World Universities 2018
(Shanghai Ranking)**

#301-400 in world rank (↑); #8-12 national rank (↑)



Times Higher Education 2018

#401-500 World University Ranking

#92 TOP 200 THE UNDER 50 (young universities)

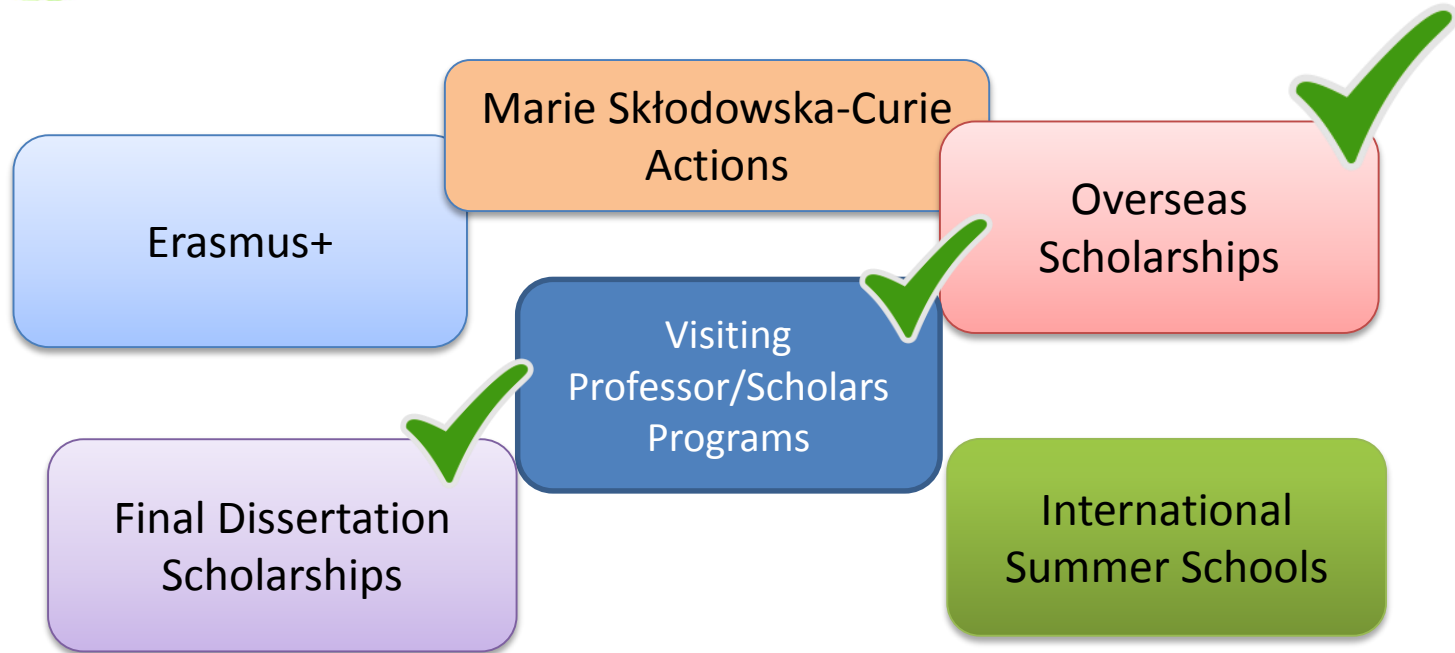


2018 Best Global Universities Ranking di U.S. News

#274 in world rank; #12 national rank



INTERNATIONAL MOBILITY



- ✓ **An Italian language course is available for all the incoming students at CLICI - Center for Italian Language and Culture of the University of Rome Tor Vergata - at the beginning of each semester**
www.scuolaiaid.it
- ✓ **WELCOME WEEKS in September are organized to support incoming students at their arrival**



EU Framework Programs for Research and Innovation

FP7- (2007-2013)

110 Grants

H2020 (2014 – 2020)

58 current grants; 20 ERC grants



Towards Framework Programme 9 (**FP9**)

Patents: 451

Spin Offs:25

Currently Valid Licensing-Assignment-Confidentiality Agreements: 18

Main Industrial Research Projects: 21



INTERNATIONAL RESEARCH Other Funding Programmes

Other European sources/programmes

- DG JUSTICE, DG HOME, EUROPEAID
- COST, ESPON, EURATOM, EuroFusion, LIFE
- EACEA, TEMPUS, CREATIVE EUROPE, EUROPE FOR CITIZENS ENISA

International private and public sources

- FAO, UNICEF
- The World Bank
- US Department of Labor, NIH
- Bill & Melinda Gates Foundation
- Ataxia UK





INTERNATIONAL RESEARCH – HIGHLIGHTS AND MAIN FOCUS

Life Science

Genomics (Risk assessment in multifactorial and complex diseases)

- Biochemistry, Molecular and Cell Biology
- Virology
- Endocrinology
- Gastroenterology
- Cancer, Hematology
- Transplant (Rome Transplant Network)
- Degenerative, rare diseases, accelerated cell death (i.e. immunology, ataxia, lungs)
- Plastic and reconstructive surgery
- Nanotechnology and ICTs applied to Medicine
- Biosensors and Electrochemical biosensors

Physical Science Engineering

- Renewable energy, solar, biomass, etc.
- Nanotechnology applied to Cultural heritage
- Astrophysics, basic and applied research on materials, design etc.
- Satellite, telecommunication, design etc.
- Biomedical Engineering
- Aeronautics and Space research
- Mathematics and theoretical physics
- Artificial Intelligence Research - Language and Knowledge
- CBRNe (Chemical, biological, radiological and nuclear defense)
- Nuclear Energy – Fusion

Social Science Humanities

- Anti-Terrorism and security
- Procurement
- Health Economics
- Anti-Corruption studies
- Drugs prevention and legislation
- Digitization of cultural content
- Crime Prevention
- Cultural heritage
- Archaeology and paleontology





- A framework to create a **bridge** between University and society, where research results and educational skills will be transferred to an added value set of activities for driving the University to the new challenges of the future society needs.
- “Third Mission” at the University of Rome Tor Vergata means to create collaboration for developing ideas and talents to be discovered by industries, dealing with institutions and territory, in order to make a new future for all.



BGI and Bioscience Genomics

Bioscience Genomics is a spin off between the University of Rome Tor Vergata and Bioscience Institute in San Marino, in the field of bio-medicine and healthcare.



APR Museum- Museo di Archeologia Per Roma

The first museum of educational and interactive archeology in Rome, located in campus, offers an original look on the archeology of Rome, from the centre to suburbs.



THIRD MISSION AND SOCIAL INNOVATION

BEYOND THE THIRD MISSION



WE MAKE SOCIAL INNOVATION

The aim is to generate an **open and inter-disciplinary knowledge**, in order to **promote social innovation, positive social and cultural change**. This is a way to respond to the challenges and leading international issues.



- RESPONDING TO THE HUMANITARIAN CRISIS**
- Example: CULTURAL CORRIDORS FOR REFUGEES:** Launching training programmes, with the aim of providing the refugees with technical and professional skills useful to their insertion in the world of work, stressing on profiles related to assisting non self-sufficient people and families





THIRD MISSION AND SOCIAL INNOVATION

BEYOND THE THIRD MISSION



WE MAKE SOCIAL INNOVATION

PATHOLOGICAL THEATRE



Teatro Patologico
ASSOCIAZIONE CULTURALE

□ PROMOTING A CULTURE FOR A INCLUSIVE SOCIETY

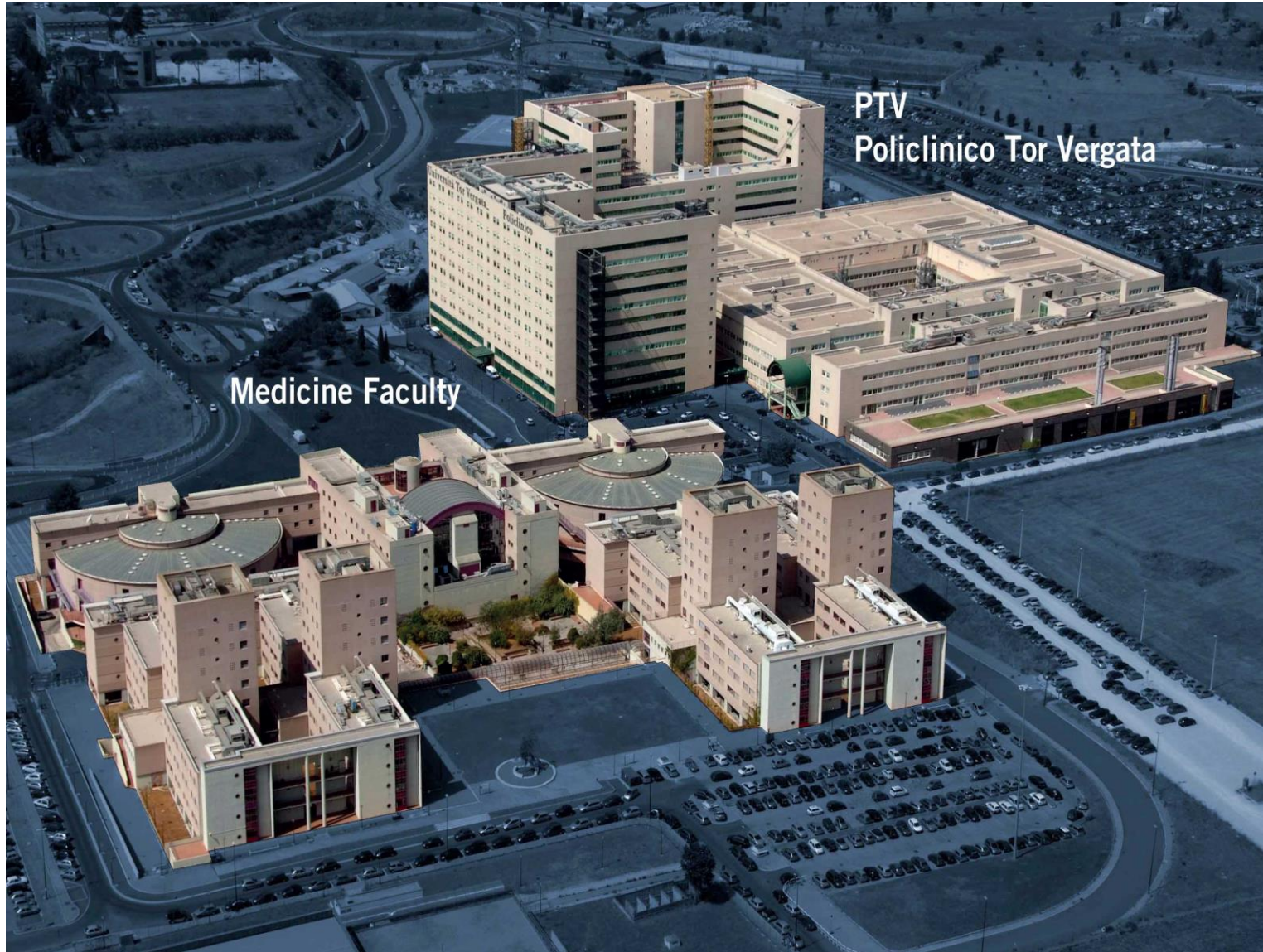
Example: THE INTEGRATED THEATRE OF EMOTION: an innovative research and educational program in theater arts for the mentally disabled



LINK video MEDEA <https://vimeo.com/67211994>



Policlinico Tor Vergata – University Hospital





PTV started offering in the year 2000 in Rome's suburb;

PTV is a complex integrated Hospital-System of Care, Training and Research;

Project Guidelines:

- Adding in the future new medical disciplines and to upgrading current disciplines services.
- Standardize and optimize inpatient areas through development of training and research facilities within the units.
- Establishment dedicated and independent paths for both outer and inner users and services.

The whole hospital-complex will include a total of 135,000 sqm area;



PTV is a complex integrated Hospital-System of Care, Training and Research with the coexistence of many medical disciplines

Hospitalization Beds: 600

Intensive care beds: 30

Sub-intensive care beds: 12

Coronary Intensive Care beds: 8

Stroke Unit beds: 8

High Specialization Operating Rooms: 5

(two 275 sqm; three 55 sqm)

Ordinary Operating Rooms: 6

Day Surgery Operating Rooms: 4

Hemodynamic rooms: 3

Interventional Radiology Rooms: 2

Endoscopic Rooms: 5

(two Interventional Endoscopy)

Blood Sampling Center, 5000 sqm facility with a TLA (Total Laboratory Automation) System.

Radiology Department equipped with:

MR devices: 5 (1,5T , 3T, G Scan, O Scan)

CT devices: 4

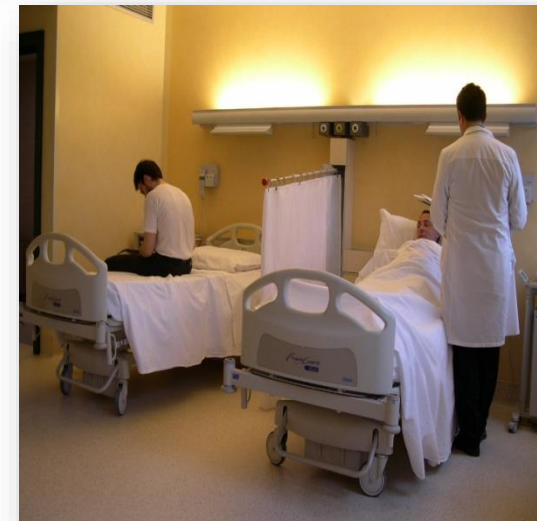
CT PET devices: 2



MEDICAL ELECTRICAL EQUIPMENT 8.000



	OUTPATIENT ACTIVITY
Imaging Department	139.635
Laboratory Medicine	1.419.144
Specialistic Visits	369.195
Total	1.927.974
	INPATIENT ADMISSIONS
Admissions Number	15.449
	DAY HOSPITAL
Admissions Number	10.148
	EMERGENCY
Total Accesses	53.980
	BEDS
Beds	406
	PERSONNEL
Workforce	1760





- Medicine Department **22 Units**;
- Surgery Department **18 Units**;
- Emergency and Critical Area Department **8 Units**;
- Neuroscience Department **11 Units**;
- Radiology, Molecular Imaging, Radiotherapy and Nuclear Imaging
Department **6 Units**;
- Laboratory Medicine Department **6 Units**.



- High Speciality Network;
- Regional HUB : Stroke Unit, Cardiology Heart Surgery, Neurosurgery_Neurotraumatology and
- Hospital-territory with no pain;
- Transplants Center and Local Transplant Office(ULT);
- Rare Diseases Center;



Today, the University of Tomorrow



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