



NOVARA NEW TEACHING AND RESEARCH HOSPITAL

Dott. Mario Minola
Director General AOU Maggiore della Carità di Novara

ORGANIZZATO DA



PROMOSSO DA



SI RINGRAZIA





THE WAY WE WERE...





Ospedale Maggiore della Carità di Novara

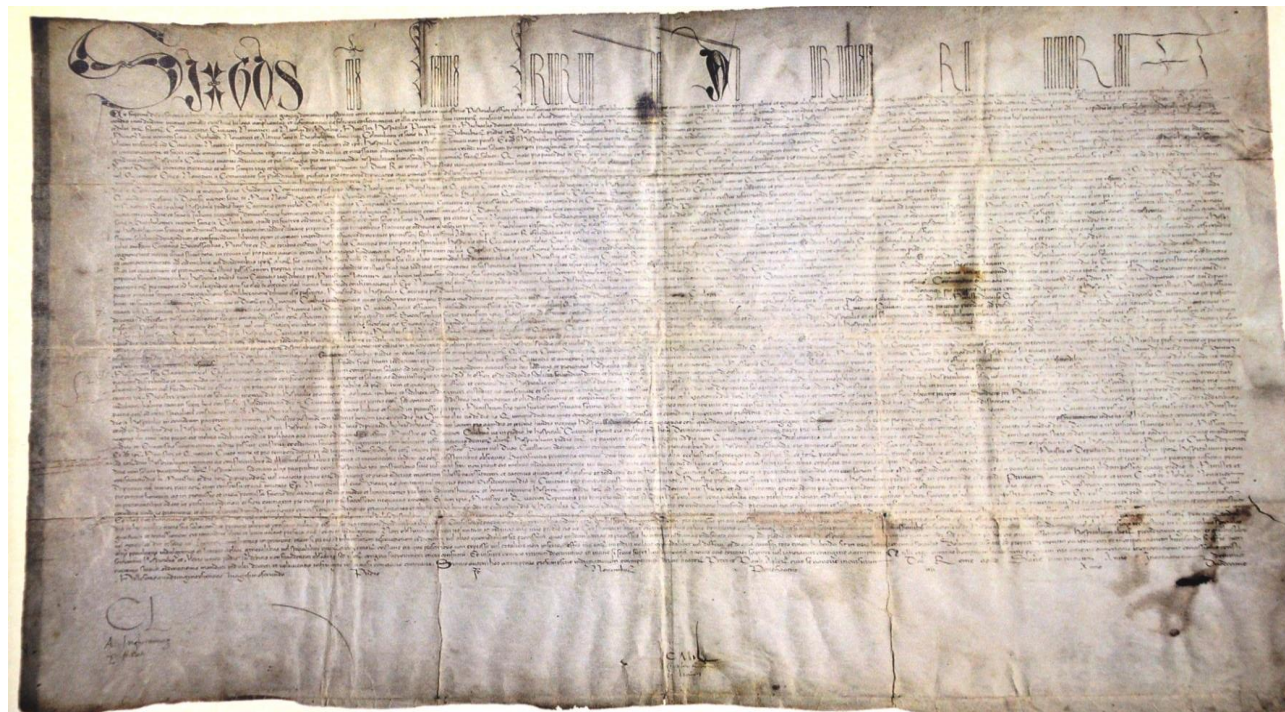
1,112 YEARS OF HISTORY





12/11/1482 – Papal Bull

Sixtus IV signs the birth certificate of the Ospedale Maggiore della Carità





THE FIRST LOGO: “LA CARITA” (CHARITY)





THE BENEFACTORS



REAL ESTATE LEGACY

a history of charity

Property with buildings (two castles)	21
Urban buildings (apartments – shops)	99
Scattered agricultural fields	
Hospital complexes “Maggiore” - San Giuliano – San Rocco	
San Michele parish church	
Chiesa e Convento di San Nazzaro della Costa	
Chiesa Madonna delle Grazie – Vicolungo	



FARMS



Castle of Vicolungo



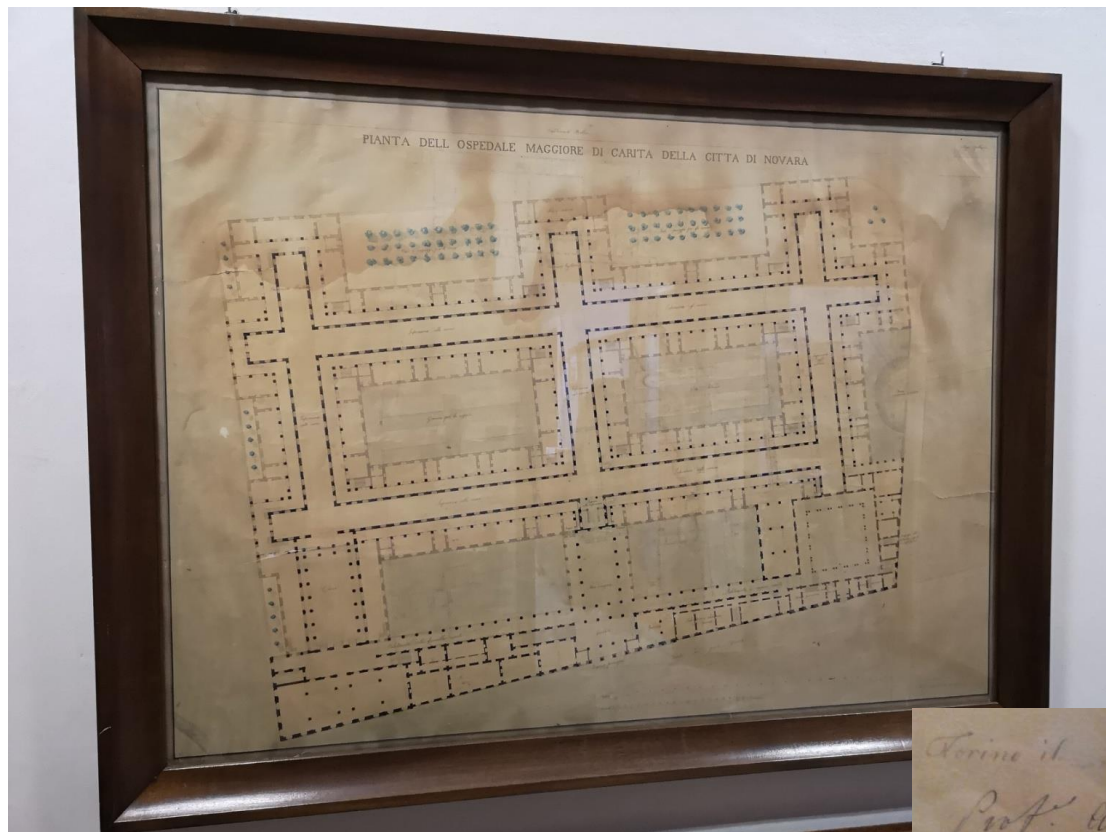


.... NOT ONLY CHARITY





arch. Alessandro ANTONELLI - 1850



Vorine il Marzo 1850
Prof. Alessandro Antonelli



arch. Alessandro ANTONELLI - 1864





Novara 1908

Competition for a new hospital

“PROGETTO ARIA E LUCE”





1914





THE WAY WE ARE....





THE PRODUCTION FACILITY 2019

TOTAL BEDS No 711

beds 20 CRECHE

beds 70 INTENSIVE THERAPY

beds 118 DAY HOSPITAL / SURGERY

2ND LEVEL A&E

26 OPERATING THEATERS

104 SPECIALISED OUT-PATIENTS





PRODUCTION 2018

Ordinary In-patients	21,768
Day Hospital Accesses	19,013
Speacialised Services	4,426,926
A&E Accesses	71,466
Surgeries	22,230
Drugs Distribution	49,188,026 Euros





COSTS

PRELIMINARY RESULTS 2018

Euro 347,248,057



*... HEALTH HAS NO PRICE,
BUT THE HEALTH-SYSTEM HAS A COST FOR ALL*

...



HEADCOUNT 2019

Medical officials 508

Health officials 43

PTA officials 13

Health area 1,438

Administrative area 264

Technical area 475

Professional area 1

2742

University staff 46

2788





WHY A NEW HOSPITAL?



Azienda Ospedaliera “Maggiore della Carità” di Novara



1st January 1995



1998 FONDAZIONE UPO MEMORANDUM OF UNDERSTANDING

Activities integration and
development:

- health care
- teaching
- research





Azienda Ospedaliero-Universitaria “Maggiore della Carità” di Novara



1st January 2008



PIEDMONT NORTH-EAST AREA

DGR 1-924 on 23/01/2015

Adjustment of the hospital network

AOU Maggiore della Carità di Novara	HOSP. HUB 2nd LEVEL
Hospital of Vercelli	HOSP. SPOKE 1ST LEVEL
Hospital of Biella	HOSP. SPOKE 1ST LEVEL
Hospital of Borgomanero	HOSP. SPOKE 1ST LEVEL
Hospitals of Verbania – Domodossola	HOSP. SPOKE 1ST LEVEL
Hospital of Borgosesia	Basic health hospital



Three Locations









TEAM GAME





.... towards

**the Novara Teaching and
Research Hospital**



7.5.2001

DGR No 2-2894: ARESS was entrusted to define a technical-functional proposal related to the possible construction of the new Novara hospital

31.12.2001

ARESS technical-functional proposal for the new Novara hospital



12.12.2002

Resolution No 1967 of Novara ASO: Approval of the 2003-2005 Three-Year Plan concerning also the new hospital works. Three-year public works planning through project financing procedure

4.3.2003

**Regione Piemonte Financial Law for 2003, Art. 8:
€ 26,000,000 for the new Novara hospital**



16.2.2004

Resolution No 9 of Novara City Council “definition of location for the new hospital”

4.4.2004

€ 20,000,00 introduced in the 2004-2006 multi-year budget of Regione Piemonte for the new Novara hospital

22.9.2004

Resolution No 430 of Novara City Council: “Studio Gregotti” is entrusted to carry out a feasibility study to identify the best location of the new hospital as execution of resolutions No 288 of 16.6.2004 by Novara City Council



3.11.2004

Resolution No 492 of Novara City Council: sharing of the pre-feasibility study results by the “Studio Gregotti” on the identification of the best area for the construction of the new hospital and will to proceed to a procedure verification in order to come to the definition of a Plan Agreement as well as its signature by the relevant public bodies.

17.11.2004

Resolution No 1066 by ASO: approval Notice Project Financing for the construction of the new hospital

31.12.2004

4 tenders submitted for the construction of the new Novara hospital



3.2.2005

Meeting promoted by Regione Piemonte with the different relevant Players aiming at the signature of a Memorandum of Understanding for the area localisation concerning the construction of the new Novara hospital

26.04.2005

Resolution No 435 for the identification of advisors dealing with the assessment of promoters' proposals.

30.11.2005

Resolution No 1282 revokes the procedure for the Novara new hospital construction pending the new regional healthcare plan, the new hospital services network and the re-definition of relations between Regione Piemonte and University



30.01.2007

Reactivation of the Plan Agreement

21.06.2007

Preliminary document for the new hospital project sent to the Regione Piemonte, the Novara Municipality and Province, Università del Piemonte Orientale

24.10.2007

Resolution No 137-4021: approval of Regional Health Plan with construction of the new Novara Teaching and Research Hospital as a goal

12.11.2007

Regional Resolution No 63-7432: approval of preliminary document for the new Novara hospital project



03.07.2009

Resolution No 208 by AOU: awarding of preliminary and final project of the Novara Teaching and Research Hospital to a project-related Temporary Joint Venture (ATI) headed by the Studio Altieri inThiene

30.09.2009

The project-related ATI submits the preliminary project document







4.11.2009

Resolution No 329: Approval of the Preliminary Project by the Azienda Ospedaliera Universitaria



Novara: the new hospital



-  Area di Intervento
-  Ospedale Maggiore della Carità esistente
-  Corsi d'acqua
-  Ferrovie
-  Tangenziale
-  Autostrada A4 MI-To



Novara Teaching and Research Hospital

Total surface: 172,000 sqm

This surface is divided in several functional areas

- Health care area 143,000 sqm
- Management area 12,000 sqm
- Commercial area 1,090 sqm
- Kindergarten 530 sqm
- University area 14,600 sqm
- Incubator 1,200 sqm

The total surface with 711 beds grants a 200 sqm per bed on average





Novara Teaching and Research Hospital



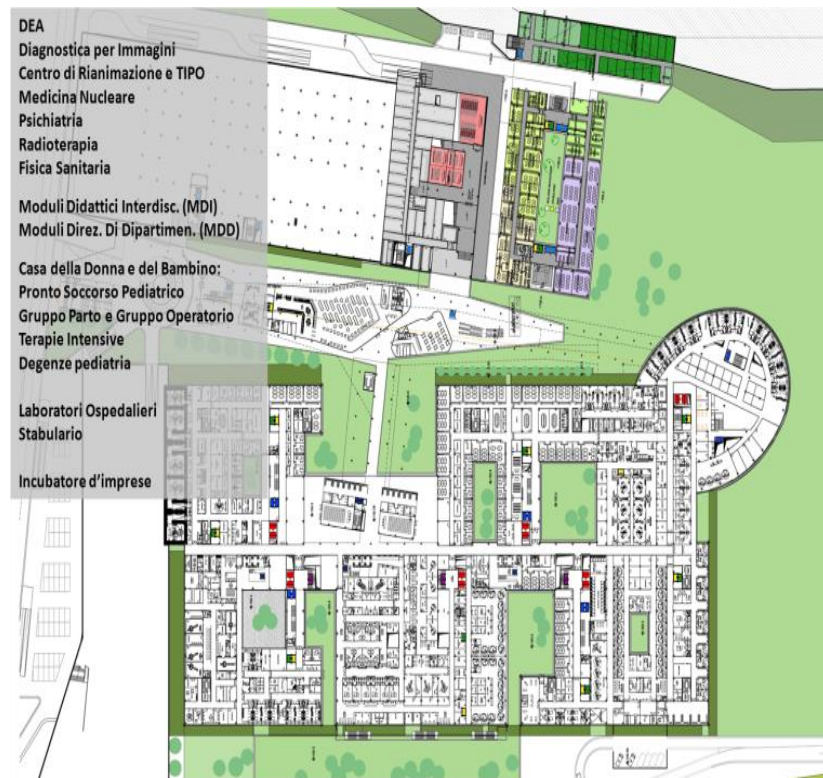
- 4 “L-shaped” pads (hospital connected through a vertical corridor)
- A large rectangular plant where the University is located
- An elliptical building for mother and child’s care facing the new hospital park
- A building for hi-tec activities
- A hall with management and teaching areas



Novara Teaching and Research Hospital

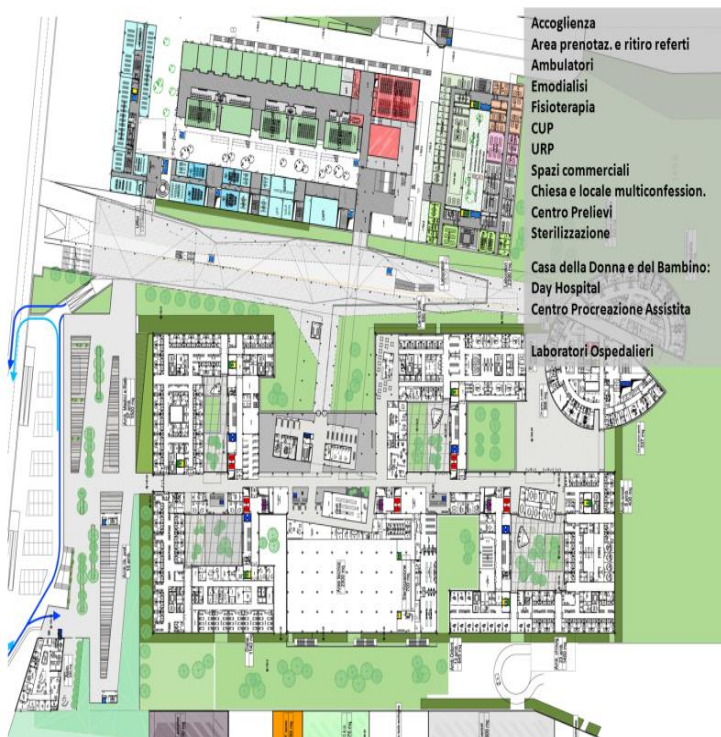
Basement

- E&A
- Imaging Department
- House of “Mother and Child” with paediatric and obstetric Emergency, operating theaters and delivery room





Novara Teaching and Research Hospital



Ground floor

- Reception area, booking and report collection, out-patients, hemodialysis and physiotherapy
- public-reserved spaces
- Commercial spaces and recreational areas
- House of Mother and Child with gynaecological and obstetric day hospital + paediatric day hospital
- Gym for pregnant women



Novara Teaching and Research Hospital

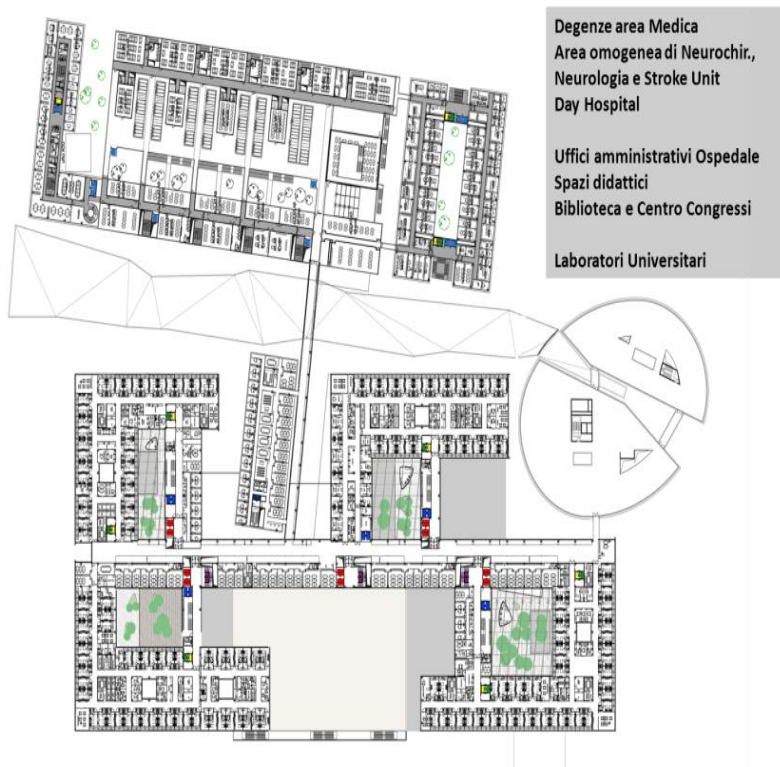
First Floor

- Surgical and technological Departments: operating theaters, intensive therapies and hemodynamics
- Direct access to E&A
- Three operating areas: general surgery operating theaters, day surgery, cardiovascular surgery rooms
- Surgical beds
- 2-bed rooms, 3-bed rooms and a large open space with armchairs
- House of Mother and Child





Novara Teaching and Research Hospital



Second Floor

- Medical in-patient except for the psychiatric area located in the basement and the cardiology area located on the first floor next to cardiac surgery
- Beds divided in two modules with beds for surgical and medical private practices
- All buildings are 3 or 5-volume





11.10.2010

Regional Resolution No 11-782 – Regional purchase of the real estate complex in Novara designated as “ex Piazza d’Armi ed ex Polveriera” for the construction of the Novara Teaching and Research Hospital

26.01.2012

The “Conferenza dei Servizi” approves the preliminary works project



26.01.2015

**Final opinion of the city-planing amendment by the
“Conferenza dei Servizi”**

16.09.2015

**Opinion in favour of the “Nucleo di Valutazione e Verifica”
of public investments on the project “Realizzazione Città
della Salute e della Scienza” of Novara**

December 2015

Project financing: Regione Piemonte’s share € 6,713,000



2.03.2016

Underwriting of the Plan Agreement: Regione Piemonte, Comune di Novara, UPO and AOU of Novara

18.04.2016

Legislative Decree 50/2016: new Code of Public Contracts. Regulatory innovation of Public Tenders

8.11.2016

Resolution No 633 – Economic and Financial Plan Adjustment pursuant to art. 183 Project Financing with 30% public contribution



NOVARA TEACHING AND RESEARCH HOSPITAL PROJECT FINANCING ART. 183 CODE OF PUBLIC CONTRACTS

- Total investment amount € 320,290,000
- Public contribution € 100,650,000
- Licensee's investment € 219,640,000

PUBLIC CONTRIBUTION
PRIVATE CONTRIBUTION

30%
70%



3.05.2017

Opinion in favour of the new PEF (Economic and Financial Plan) according to Resolution 633/2016 by the “Nucleo di Valutazione Interministeriale”

5.10.2017

Resolution 641: constraint as for the amount obtained from the AOU real estate sale to be used to purchase technological devices as per Ministry for Health (20-09-2017)

8.11.2017

Resolution No 719: update of resolution 633/2016 upon ministerial request



Calls for public auction concerning the disposal of agricultural properties: first two lots awarded





IMPROVEMENT OF THE CURRENT HOSPITALS



14.11.2017 and 29.11.2017

Update of Regione Piemonte planning document on extraordinary investments for the structural, technological, and organisational modernisation of Regional Health System – Implementation of the Novara Teaching and Research Hospital

4.12.2017

Opinion in favour of the regional planning document by “Nucleo di Valutazione Interministeriale”

21.12.2017

Underwriting of agreement by Conferenza Stato Regioni

7.02.2018

The Conferenza dei Servizi approves the amendment to the agreement on 2nd March 2016



14.02.2018

Awarding of the Legal and Financial Service (ADVISORY) for the preparation of acts and development of all call-related activities in order to implement the Torino Teaching and Research Hospital as well as the Novara Teaching and Research Hospital

14.02.2018

Plan Agreement between Ministry for Health, Ministry for Economy and Finance, and Regione Piemonte



Start of reclamation preliminary works november 2018





Completion of preliminary reclamation works JANUARY 2019





11.01.2019

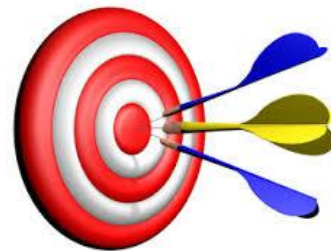
**Resolution No 23 – Approval and validation of the
Technical and Economic Feasibility Project
of the Novara Teaching and Research Hospital
with adjustment of the 2009 Preliminary Project as
per Art. 183 Code of Public Contracts**



**PROPERTY TRANSFER OF THE “AREA
EX DEMANIO MILITARE” SUBJECT TO
BUILDING WORKS (14.3.2019)**

**END OF ENVIRONMENTAL INSPECTIONS
(26.4.2019)**

**ACQUISITION OF PRIVATE COMPLEMENTARY
GREEN AREAS
(BY 2019)**







FINANCING ELIGIBILITY DECREE PURSUANT TO ART. 20 NOVARA TEACHING AND RESEARCH HOSPITAL





MISSION

**THE TEACHING AND RESEARCH HOSPITAL
SHALL INTEGRATE THE FOLLOWING
FUNCTIONS:**

HEALTH CARE

HIGH TECHNOLOGY

AND HIGH SPECIALISATION

TEACHING ACTIVITIES

BASIC AND CLINICAL RESEARCH



TRANSPLANTATION CENTRE





SURGICAL ROBOT





“E. GEUNA” NEUROSURGERY

HYBRID ROOM – INTRAOPERATIVE CT



NEURONAVIGATOR





RADIOLOGICS





TEACHING ACTIVITIES





BASIC AND CLINICAL RESEARCH





VISION

**GREEN AND SMART TEACHING AND RESEARCH HOSPITAL
ENBEDDED IN THE DIGITAL ECOSYSTEM
AND FOCUSED ON AN INTERNATIONAL DIMENSION**





Novara
THE DOME 1844 – 1878
arch. Alessandro ANTONELLI





THANK YOU FOR YOUR PATIENCE





PIEMONTE
A FUTURE-ORIENTED
BUSINESS DESTINATION

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