


ANNUAL REPORT

**a+ althaia**  
Xarxa Assistencial Universitària Manresa

*Facts and figures* **2021** | ENTER >



Cover photo: *Empremta*, an artistic piece by the ceramist Anna Benet installed in the Sant Joan de Déu Hospital to recognize the work and joint effort of citizens and health professionals to deal with the pandemic.

The work, made within the framework of the Art + Salut project of the Departments of Culture and Health, consists of almost a thousand pieces of ceramics with the imprints of professionals from the Althaia Foundation that the artist collected during several days.

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- Insurance and private care
- Communication, participation and community relations
- Teaching
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## Mission

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To offer health and social services with quality and efficiency, in the setting of an organisation aimed at meeting the needs of people and promoting the excellence, both technical and human, of its professionals.

## Vision

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The Althaia Foundation will consolidate itself as a **leading** healthcare and university organization in Catalonia, **recognized** by society, with the **confidence** of patients, being at the **centre** of all its policies and actions, its **professionals**, as well as the rest of stakeholders in general.

The Althaia Foundation will give special emphasis to **networking** as a key way to strengthen its **health-care services portfolio**, both in the **public** and **mutual and private** societies, and to promote **research** and **teaching**.

In addition, the Althaia Foundation will be attentive to the **emerging needs** of the population, will be committed to providing structured and reinforced care for **chronicity** and the **fragile and complex patient**, will promote **social and dependency** integration, and will promote the care model to **mental health**.

The **culture of evaluation, digital transformation, innovation and quality** must permeate all its actions, to improve the efficiency and sustainability of the institution, as well as the **economic and social development** of the territory.

The Althaia Foundation must be based on its **values** to define and develop its different policies and actions, and in which **ethics** will be maintained as a present and essential element.

## Values

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- Professional
- Close
- Committed
- Innovative
- Trustworthy

# Presentació



## *We are at the people's service*

The Althaia Foundation is once again presenting the detailed report on the work carried out during the year. This is an exercise in transparency that brings us in an orderly way the most relevant results of the activity of this institution, a reflection exercise on the achieved improvements, the obtained results and also on the paths we have opened to improve and continue to offer a quality service for the health of the people of Central Catalonia.

After a very difficult 2020 marked by the Covid-19, which forced us to give all the available efforts and resources to fight the pandemic, we have had to face a 2021 with the still major challenge of dealing with the new waves and, at the same time, coexist and combine this work with the usual hospital activity.

It has been a stage in which many and very complex decisions have had to be made to ensure that all the care activity was carried out, efficiently and at an appropriate pace. Without a doubt, the response to the challenges of the pandemic has led to a very important qualitative leap, which we must look at with pride. I would like to thank all the Althaia's staff for their effort and dedication.

This unprecedented effort has been recognized by the prestigious American publication Newsweek, which has included the Sant Joan de Déu Hospital in Manresa in the list of the 100 best in Spain. It is a recognition for the work of the professionals of the Althaia Foundation, which values the institution's ability to offer the highest quality care to the patient and, at the same time, to promote innovation and research activities.

Having a modern and well-equipped infrastructure is essential, but not enough to ensure the growth of Althaia's healthcare project. The will to obtain the maximum performance of technology and the will to be pioneers and efficient at the service of citizens is key.

Therefore, we present to you the assessment of the activity of 2021 with satisfaction and eagerness. With satisfaction, because it makes clear the good work we have done. With enthusiasm, because, despite the challenges that an uncertain future continually lays us out, it shows us the capacity to continue growing and to have ambition when it comes to setting new goals, always at the service of people.



*The response to the challenges of the pandemic has led to a significant qualitative leap*



**MARC ALOY GUÀRDIA**

Mayor of Manresa and president of the Althaia Foundation Board of Trustees



## ***Talaia, the new Strategic Plan with a point of view for the year 2030***

The Facts and Data report, which we present to you every year as an act of transparency, also provides us an assessment of the results, the latest achieved objectives and the started projects. As you will see in these pages, we have to talk about Covid-19 one more year. This 2021, more than ever, we have had to combine the treatment of this disease with the usual care and, at the same time, try to recover what we could not do during 2020.

For this reason, Althaia professionals, patients and family members have had to be more flexible than ever to adapt to what the situation required at all times. With the participation and effort of all of us, we have got on it, and we have achieved very high levels of activity without compromising the quality or safety.

At the same time as we did all this, we have worked on the new Strategic Plan 2021-2025, convinced of the importance of having clear and shared goals that guide us on the path we must follow and help us overcome the challenges that we will have to face without a doubt. The experience and the learning gained in these recent years is a very valuable material for the strength and solvency of this plan that we call Talaia.

The Talaia 2021-2025, approved by the Board of Trustees of the Foundation, has had a very participatory production process. With this plan, we are committed to continuing being a reference institution, both from a healthcare and teaching and research point of view, which works focused on the person to achieve the recognition and trust of our patients, as well as other stakeholders, and that helps to structure the health system in our territory.

With regard to the execution of the plan, we will pay special attention to chronicity and mental health, and we will work in a network, we will be based on professionalism and the evaluation of what we do, and we will take into account the patient's experience. Digital transformation, quality, sustainability and efficiency, ethics and values are the cross-curricular topics that must permeate all our actions.

We are facing an ambitious project that arises from the necessity to adapt to the new needs outlined by the constant changes that this new era implies, in which we are already immersed. With a plan like the Talaia, which marks the way for us to follow, with the commitment and enthusiasm of all for a better future, we will be able to successfully achieve the new outlined goals, just as we have been doing until now.

***We are committed to being a leading healthcare, teaching and research institution***



**MANEL JOVELLS I CASES**  
Director general de la Fundació Althaia



# Relevant facts and dates about Covid-19

## Vaccination, the main character of the second year of the pandemic

2021 began in the middle of the third wave of the Covid-19 pandemic, one of the most serious that have been recorded during the entire health crisis in Catalonia. At the same time, the first doses of the Covid-19 vaccine were administered to people who live in residential centres, the elderly and vulnerable people. Also, they were administered to health professionals and other essential areas until it was able to extend it to all age groups.

Vaccination has twisted the course of the pandemic history and has helped to immunize the majority of the population, as well as reduce mortality and serious illness in people infected with the virus. Primary health care has played a key role in this campaign, which has assumed at the same time that the primary health centres have become the reference centres for schools and residential centres at the moment of implementing case management protocols.

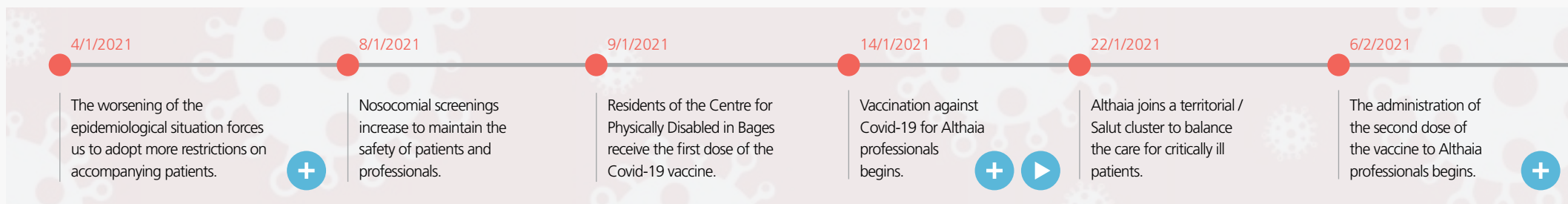
The greatest complexity, both in primary and hospital health care, has been to give a response to Covid-19 activity by trying to preserve non-covid activity as much as possible and ensure access for all patients. At the same time, the activity has not been delayed and work has been done to recover what could not be done in 2020.

Throughout the year, 1,725 patients affected by Covid-19 were admitted to Althaia centres, 12% of them in the ICU. The numbers show that, although Covid-19 has had a strong impact, the large volume of people have been treated for non-covid pathologies. Data from the Clinical Analysis Laboratory also confirm this reality: from the almost 600,000 applications processed by this Althaia service, 70% of them concern to a non-covid pathology.

The networking, with institutions of the territory and of the rest of Catalonia, has allowed to face the different needs. The reorganization, promoted by the Catalan Health Service through hospital clusters, has been essential to continue to deal with all demand and improve equity of access to the resources of any person, especially in the critical area.

Finally, technology and new infrastructures have helped to provide quality and safe assistance. Althaia has increased the number of rooms and negative pressure and biological safety workbenches in different services, and it has increased the healthcare capacity with a new multipurpose space. It normally works as a Medical Day Hospital and Transition Unit but, if the situation requires it, it becomes an ICU with all the outputs of isolation, safety and comfort, for both patients and professionals.

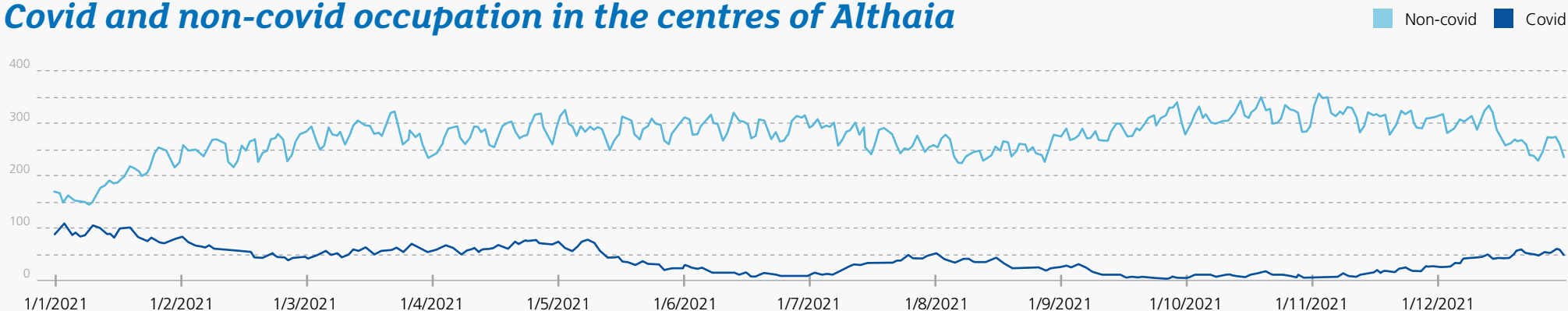
### CHRONOLOGY OF THE RESPONSE TO THE COVID-19 CRISIS



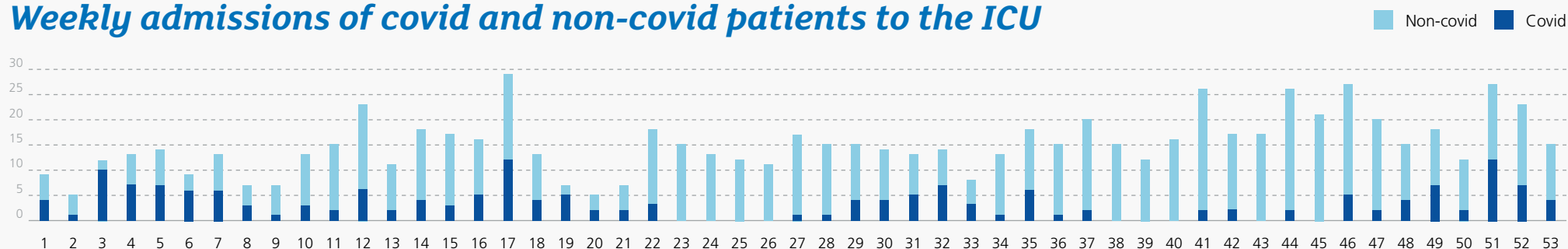


# Relevant facts and dates about Covid-19

## Covid and non-covid occupation in the centres of Althaia



## Weekly admissions of covid and non-covid patients to the ICU



**4/3/2021** Althaia's health districts start to vaccinate home care patients and people over the age of 80.

**9/3/2021** The Minister of Health visits Althaia and finds out how it has adapted to deal with the pandemic.

**13/5/2021** A campaign is launched to explain how professionals have lived the first year of the health crisis.

**28/5/2021** The announcement for a grant from the Althaia Foundation and the Aigües de Manresa Foundation - Junta de la Sèquia to carry out research on Covid-19 is resolved.

**7/6/2021** Phase 2 of the accessibility regulations is activated and accompanying inpatients during restricted hours is allowed.

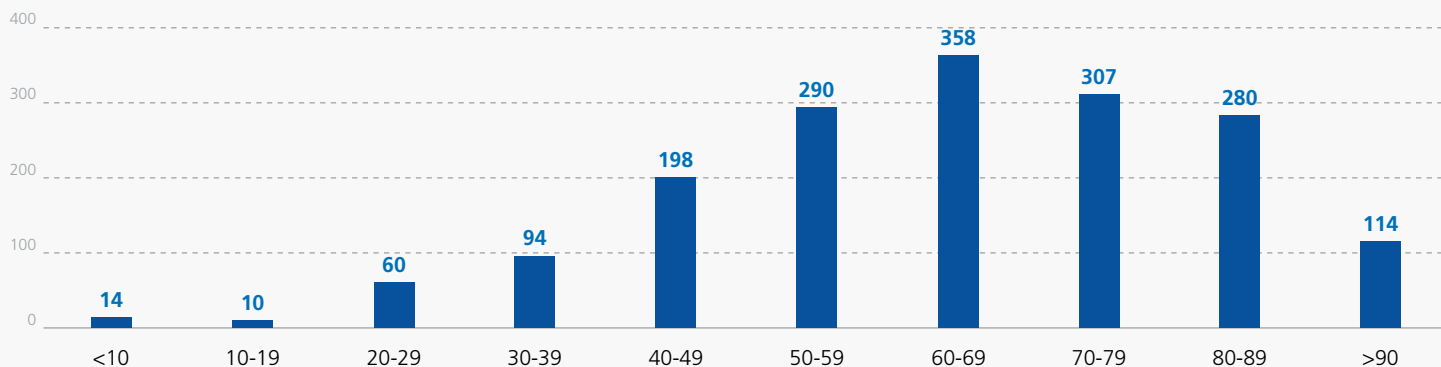
**12/6/2021** La Marató de TV3 provides funding for a project about Covid-19 patients sequelae who require mechanical ventilation.



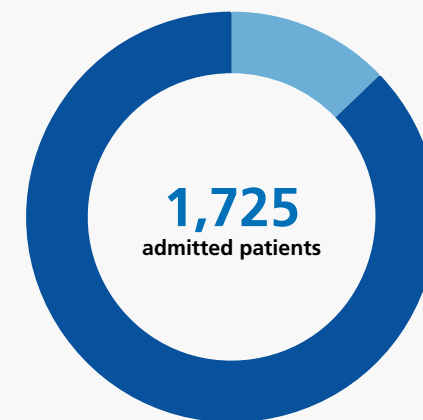


# Relevant facts and dates about Covid-19






## Age ranges of those admitted with Covid-19

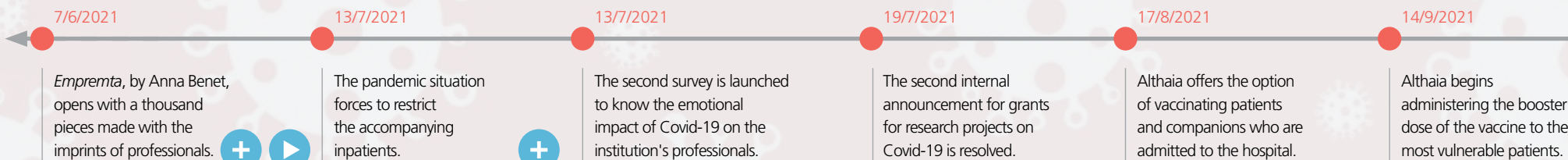


## Hospitalised patients



- Patients admitted to the medical ward: 1,515
- Patients admitted to the intensive care unit: 210

<b>Hospitalisations by gender</b>  <b>44%</b> Women  <b>56%</b> Men	<b>Average age of the hospitalised</b>  <b>64 years</b>	<b>Exitus</b>  <b>142</b>	<b>Mortality rate</b>  <b>8.2%</b>
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# Relevant facts and dates about Covid-19

## Vaccination



Vaccines administered in Althia: **37,806**

- In primary healthcare: **25,849**
- To professionals: **5,336**
- To risk and hospitalised patients: **3,921**

## PCR analysed



PCR analysed in Althia: **220,483**

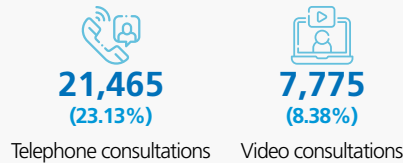
- PCR in hospital care: **50,118**
- PCR preoperative surgery: **19,850**
- PCR in primary healthcare: **46,783**
- Primary health centres and residencies: **8,865**
- Residences and schools: **37,918**
- PCR to professionals: **3,048**
- PCR to other centres: **100,684**

## Online consultations

### Hospital outpatient care



### Mental health care



### Primary healthcare



Percentage of the total number of visits in each area.

## Attention and support to professionals

PCR to professionals... **3,048**  
 Rapid antigen test to professionals... **81**

### Vaccination to professionals

First dose... **2,139**  
 Second dose... **1,786**  
 Third dose... **1,412**

## Protective material

	2019	2020	2021
Masks...	173,654	790,706	1,046,962
Hand sanitiser gel...	2,257	18,927	10,517
White coats...	71,601	244,863	177,134
Gloves...	3,084,620	4,713,163	5,719,460

## Management and medical tests

<b>448</b> Patients cared for in the PostCovid ward	<b>6,040</b> Relatives cared for by the emergency info manager	<b>19,978</b> Covid manager calls of primary healthcare	<b>19,250</b> Acute demand calls to primary healthcare	<b>5,941</b> Rapid antigen testing in primary care
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- 20/9/2021**: Althia primary health care starts to administer the booster dose to residential centre users.
- 7/10/2021**: Althia holds an event to thank the solidarity of the territory for dealing with the Covid-19 and promoting research.
- 25/10/2021**: The SARSCoV-2 seroprevalence study for vaccinated Althia professionals is started.
- 24/11/2021**: The Minister of Health inaugurates a new multipurpose space which provides the hospital with 8 new beds for critical patients.
- 3/12/2021**: The worsening of the pandemic forces us to restrict all companions again.
- 10/12/2021**: The administration of the booster dose to Althia professionals begins.



# Resources

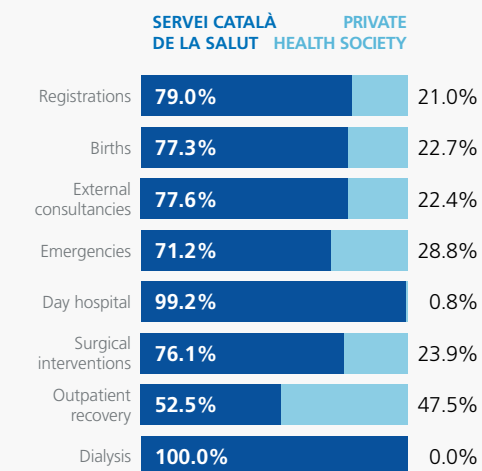
## Investments

Equipment of information processing and computer applications . . . . .	€ 269,227
Constructions and technical installations . . . . .	€ 718,072
Machinery and apparatus . . . . .	€ 998,213
Other installations, instrumental and tools . . . . .	€ 1,649,699
Furnishing . . . . .	€ 554,864
<b>Total . . . . .</b>	<b>€ 4,190,075</b>

## Invoicing by activity

**Total . . . . . € 215,949,387**

## Contractació d'activitat



## Structural

### Beds

Acute	
Conventional hospitalisation* . . . . .	407
Home-based hospitalisation . . . . .	26
Mental health	
Acute adult hospitalisation . . . . .	24
Acute children's and young people's hospitalisation . . . . .	10
Adult subacute hospitalisation . . . . .	15
Private . . . . .	60
Long-stay . . . . .	4
Convalescence . . . . .	50
Residence for physically disabled . . . . .	30

### Other resources

Operating theatres . . . . .	22
Maternity theatres . . . . .	7
Consultancies . . . . .	147
Emergency boxes . . . . .	71
Emergency observation beds . . . . .	16

### Day Hospital

Versatile . . . . .	20
Oncology and hematology . . . . .	29
Paediatrics . . . . .	3
Adult Mental Health . . . . .	21
Mental children's and young people's health . . . . .	10

\* It includes 24 beds for acute adult mental health patients and 10 for child-youth patients, 15 sub-acute mental health beds and 16 emergency observation beds.

### Primary healthcare

Consultancies . . . . .	32
Other rooms (cures, extractions...) . . . . .	8



## Professionals (annual average)



	DONES	HOMES
Management	2	5
Medical personnel	285	188
Health care graduates	520	88
Technical personnel in the health service	59	35
Health care assistants	310	54
Stretcher-bearers	2	45
Administrative staff	211	55
Office staff	41	41
Cleaning and other staff	38	15



# Specialised care

## Acute hospitalisation\*

<b>Registrations</b> . . . . .	<b>25,567</b>
Hospitalisation . . . . .	19,908
Major outpatient surgery . . . . .	5,659
Average stay (days) . . . . .	4.26
Births . . . . .	1,396

## External consultancies

<b>Total visits</b> . . . . .	<b>413,951</b>
First visits . . . . .	122,642
Follow-up visits . . . . .	291,309
Follow-up visit rate . . . . .	2.38

## Day hospital

Sessions . . . . .	28,870
Patients . . . . .	5,571

## Emergencies

Emergencies attended . . . . .	107,911
Emergencies admitted (%) . . . . .	13.0%
Emergencies per day . . . . .	296

## Surgical activity

<b>Total surgical interventions</b> . . . . .	<b>23,806</b>
Programmed interventions . . . . .	21,596
Urgent interventions . . . . .	2,210

\* Acute: includes activity of mental health and private health societies

## Dialysis

Sessions . . . . .	25,230
Patients . . . . .	221

## Rehabilitation

Outpatient sessions . . . . .	72,721
Patients . . . . .	8,414

## Social Work

Patients attended . . . . .	2,610
Second visits . . . . .	2,936
Patients Home Care Programme . . . . .	121
Total visits . . . . .	5,667

## Activity of the MES

Alerts for primary emergency services . . . . .	1,657
Attended services . . . . .	1,423
Services without attendance . . . . .	234
Inter-hospital services . . . . .	234

## Most frequent pathologies

### Medical pathologies (registrations)

Illnesses of the respiratory apparatus . . . . .	3,336
Illnesses of the digestive and hepatobiliary apparatus . . . . .	1,781
Illnesses of the circulatory apparatus . . . . .	1,697
Illnesses of the kidney and urinary tracts . . . . .	982
Neurological illnesses . . . . .	1,175

## Registrations for malign neoplasm

Medical registrations . . . . .	574
Surgical registrations . . . . .	800
Day hospital sessions for treatment of malign neoplasm . . . . .	8,854

## Surgical interventions (by speciality)

Orthopaedic surgery and traumatology . . . . .	6,427
General surgery . . . . .	3,696
Ophthalmology . . . . .	2,433
Urology . . . . .	2,372
Dermatology . . . . .	2,010
Plastic surgery . . . . .	1,610
Maxillofacial surgery . . . . .	1,384

## Emergencies (by speciality)

Internal medicine . . . . .	50,873
Orthopaedic surgery and traumatology . . . . .	17,504
Paediatrics . . . . .	19,168
Gynaecology and obstetrics . . . . .	6,794
General surgery . . . . .	5,485
Ophthalmology . . . . .	3,905



## A day at Althaia



**108**

Hospital discharges



**296**

Emergency department



**96**

Surgical procedures



**116**

Day Hospital Sessions



**1,662**

Outside consultation visits



**1,283**

Primary care visits



# Primary attention

## Visits

	ABS BARRI ANTIC	ABS BASES DE MANRESA	TOTAL
General medicine	88,805	71,756	160,561
Nursing	79,830	46,759	126,589
Paediatrics	15,028	11,576	26,604
Dentistry	4,358	2,672	7,030
Social work	3,483	2,371	5,854
Midwives	5,492	3,551	9,043
<b>Total</b>	<b>196,996</b>	<b>138,685</b>	<b>335,681</b>

# Dependency care

## Health and social attention

### Long stay

Subsidised beds	4
Average stay (days)	83.1

### Convalescence

Subsidised beds	50
Average stay (days)	28.6

## Residential attention

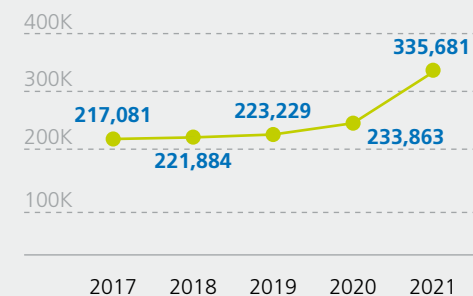
### Centre de Disminuïts Físics del Bages

Places	30
Patients attended to	30
Occupancy (%)	100.0%

## Social Work

Convalescence (patients attended to)	482
Long stay (patients attended to)	300
Physically disabled (patients attended to)	286

## Primary health care visits



## Social work visits for dependent care



Convalescence	482
Long hospital stay	300
Physically-disabled person	286



# Mental health attention

## Adult outpatient care

### External consultations (CSMA)

First visits	1,719
Follow-up visits	43,157
Social work (visits)	2,686

### External consultations (Addictions)

Behavioral Addictions Unit	289
First visits	263
Follow-up visits	12,191
Social work (visits)	1,412

## Adult hospitalisation

### Acute hospitalisation

Registrations	484
Average stay (days)	12.52
Acute beds	24
Social work (visits)	759

### Subacute hospitalisation

Registrations	211
Average stay (days)	26
Subacute beds	15

## Adult emergencies

Emergency department	2,990
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## Adult Day Hospital

Registrations	197
Spots	21
Social work (visits)	65

## Adult Community Rehabilitation Centre

Treated patients	65
Spots	25
Social work (visits)	118

## Adult programmes

### Individualised Monitoring Programme (PSI)

Patients	87
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### Institutional Support Programme

#### Penitentiaries

Patients	156
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#### Psychology at the Sexual and Reproductive Health Care Service (ASSIR)

First visits	384
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#### Home with support

Spots	8
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## Cross-curricular programmes for adults, children and young people

### Specialised Service in Mental Health and Intellectual Disability (SEMSDI)

Patients	719
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### Specific Care Programme for Emerging Psychotic Disorder

Patients	73
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### Comprehensive Approach to Highly Complex Mental Health and Addiction Cases Programme (PAICSAMAEC)\*

Patients	21
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## Outpatient care for children and young people

### External consultations (CSMIJ)

First visits	1,016
Follow-up visits	14,888
Social work (visits)	623

## Children's and young people's hospitalisation

### Acute hospitalisation

Registrations	95
Average stay (days)	15.22
Acute beds	10
Social work (visits)	75

## Children's and young people's emergencies

Emergency department	360
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## Children's and young people's Day Hospital

Registrations	52
Spots	10
Social work (visits)	77

\* Only in December.

## Origin of patients



Bages	88.54%
Berguedà	4.50%
Solsonès	3.42%
Vallès occidental	1.15%
Anoia	0.93%
Cerdanya	0.22%
Other	1.24%



# Insurance and private care

## Hospitalisation

<b>Registrations</b> .....	<b>4,181</b>
Surgical area .....	2,979
Medical area .....	805
Paediatrics .....	80
Births .....	317

## Surgical interventions .....

<b>5,691</b>	
Orthopaedic Surgery and Traumatology . . . . .	2,466
General Surgery .....	793
Ophthalmology .....	733
Plastic Surgery .....	622
Urology .....	371
Gynaecology and Obstetrics .....	201
Otorhinolaryngology .....	104
Maxillofacial Surgery .....	13
Others .....	388

## Emergency Department .....

<b>31,102</b>	
Internal medicine .....	11,009
Orthopaedic Surgery and Traumatology . . . . .	10,884
Paediatrics .....	7,150
Others .....	2,059

## Outpatient activity

<b>Consultations</b> .....	<b>88,352</b>
Orthopaedic Surgery and Traumatology . . . . .	43,501
Paediatrics .....	7,443
Ophthalmology .....	4,712
Internal medicine .....	4,397
Gynaecology and Obstetrics .....	4,354
Dermatology .....	2,873
Anaesthesiology and Resuscitation .....	2,712
Urology .....	2,685

General Surgery .....	2,504
Rehabilitation .....	2,030
Allergology .....	1,993
Cardiology .....	1,651
Pulmonology .....	1,135
Rheumatology .....	1,108
Others .....	5,254

## CIMETIR

Consultations .....	43,361
Rehabilitation sessions .....	35,682
Sport check-ups .....	876

## IOMA

<b>Visits</b> .....	<b>3,100</b>
Maxillofacial Surgery .....	375
Endodontics .....	155
Paediatric Dentistry .....	440
Orthodontics .....	480
Prostheses and Rehabilitations .....	1,200
Special patients .....	30
Oral Hygiene .....	420

## Some diagnostic tests

Conventional radiology .....	34,112
Ultrasounds .....	4,161
CAT scan .....	4,075
Mammograms .....	1,358
Endoscopies .....	2,325
Allergy tests .....	1,873

It includes all mutual and private society activity which takes place in all Althaea buildings.

## External consultations



Orthopaedic Surgery and Traumatology	43,501
Paediatrics	7,443
Others	5,254
Ophthalmology	4,712
Internal medicine	4,397
Gynaecology and Obstetrics	4,354
Dermatology	2,873
Anaesthesiology and Resuscitation	2,712
Urology	2,685
General Surgery	2,504
Rehabilitation	2,030
Allergology	1,993
Cardiology	1,651
Pulmonology	1,135
Rheumatology	1,108

## Emergency department



**Total: 31,102 emergencies**

Internal Medicine	11,009
Traumatology	10,884
Paediatrics	7,150
Other	2,059



# Communication, participation and community relations

## Participation and Patronage

### Activities of community participation

#### Volunteer work

Stable volunteers	58
Programa de voluntariat d'estiu jove	25
Developed programmes	8

#### Participation

Collaborations with associations from the health sphere	30
Collaborations with associations from other fields	28
Entities accepted in the Hospital Centre	12
Magnet Project	1
Bages and Moianès centres in collaboration with the Community Service	9

### Sponsorship projects

- Oncology and haematology care.
- Children and young people care improvement.
- Coronavirus SARS-CoV-2.
- Stroke and other neurological diseases.

Organised events	22
Private donations	23
Collaborating companies	22

#### Amounts collected

Acts and events	€ 20,337.49
Private donations	€ 467,599.87
Business donations	€ 72,858.88
Provision of services	€ 14,274.35
<b>Total</b>	<b>€ 575,070.59</b>

### International cooperation

- Collaboration with UVic-UCC so that fourth and fifth year students of the Faculty of Medicine can do curricular stays at the Hôpital Saint Jean de Dieu in Thiès. A student went there during the summer.
- Operating theatre monitor with a capnograph shipment to perform laparoscopies, funded by the Magic Line.

### Attention to the user

Requests for information	8,085
Acknowledgements	156
Claims	940
Suggestions	24
Complaints	1,082
<b>Total</b>	<b>10,287</b>

### Communication

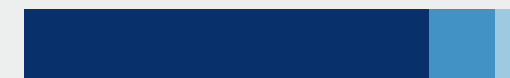
Impacts on communication media	1,554
Followers on Facebook	4,575
Followers on Twitter	3,825
Followers on Instagram	7,934
Followers on LinkedIn	2,828
Corporate documents	146

### Art and health

«Música en Vena» concert programme	11
Pallapupas (weekly activity)	20
Art Therapy (weekly activity)	2
«Empremtes» project	1



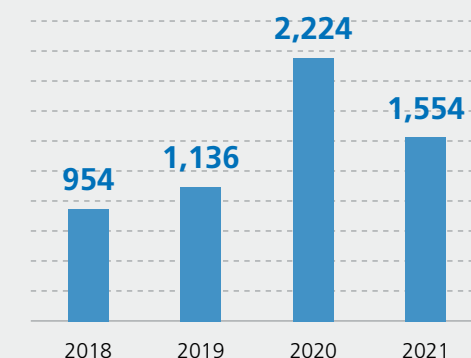
## Funds raised



**Total: € 575,070.59**

- Donations from private individuals € 467,599.87
- Donations from the business community € 72,858.88
- Celebrations and events € 20,337.49
- Provision of services € 14,274.35

## Media impacts





## Student training\*

### Type of study . . . . . Students . . . . . Percentage

Pre-degree studies . . . . .	220 . . . . .	26.00%
Degree studies . . . . .	578 . . . . .	69.00%
Postgraduate studies . . . . .	13 . . . . .	2.00%
Others . . . . .	25 . . . . .	3.00%
<b>Total . . . . .</b>	<b>836 . . . . .</b>	<b>100.00%</b>

### Degree studies . . . . . Students . . . . . Percentage

Nursing . . . . .	225 . . . . .	38.93%
Medicine . . . . .	183 . . . . .	31.66%
Physiotherapy . . . . .	104 . . . . .	17.99%
Podiatry . . . . .	36 . . . . .	6.23%
Human Nutrition and Dietetics . . . . .	6 . . . . .	1.04%
Social Work . . . . .	5 . . . . .	0.87%
Optics and Optometry . . . . .	4 . . . . .	0.69%
Occupational Therapy . . . . .	4 . . . . .	0.69%
Biotechnology . . . . .	2 . . . . .	0.35%
Psychology . . . . .	2 . . . . .	0.35%
Biology . . . . .	1 . . . . .	0.17%
Biomedical Sciences . . . . .	1 . . . . .	0.17%
Physical Activity and Sports Sciences . . . . .	1 . . . . .	0.17%
Social Education . . . . .	1 . . . . .	0.17%
Pharmacy . . . . .	1 . . . . .	0.17%
Speech Therapy . . . . .	1 . . . . .	0.17%
Microbiology . . . . .	1 . . . . .	0.17%
<b>Total . . . . .</b>	<b>578 . . . . .</b>	<b>100.00%</b>

### Pre-degree studies . . . . . Students . . . . . Percentage

Nursing Auxiliary Care Junior College . . . . .	107 . . . . .	48.60%
Health Emergencies Junior College . . . . .	59 . . . . .	26.80%
Medical Imaging for Diagnosis and Nuclear Medicine Junior College . . . . .	33 . . . . .	15.00%
Care for Dependent People Junior College . . . . .	6 . . . . .	2.70%
Clinical and Biomedical Laboratory Junior College . . . . .	6 . . . . .	2.70%
Pathological Anatomy and Cytodiagnosis Junior College . . . . .	3 . . . . .	1.40%
Dietetics Junior College . . . . .	3 . . . . .	1.40%
Pharmacy and Parapharmacy Junior College . . . . .	2 . . . . .	0.90%
Social Integration Junior College . . . . .	1 . . . . .	0.50%
<b>Total . . . . .</b>	<b>220 . . . . .</b>	<b>100.00%</b>

## Formació sanitària especialitzada\*

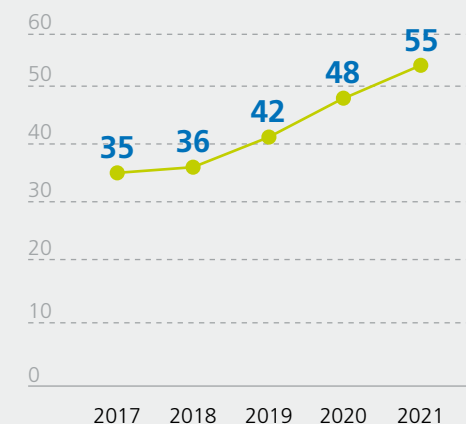
Unitats docents acreditades . . . . .	11
Especialitats acreditades . . . . .	13
Residents propis . . . . .	55
Residents ICS . . . . .	42
Residents d'altres centres . . . . .	2
Tutors/ores acreditats/ades . . . . .	18
Rotacions externes . . . . .	37

\* Data corresponding to the 2020 - 2021 academic year.

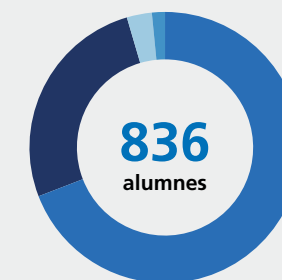
## Organisation of conferences, courses and congresses

Open acts organised by Althaia . . . . .	4
Acts organised by third parties in the Althaia event hall . . . . .	4

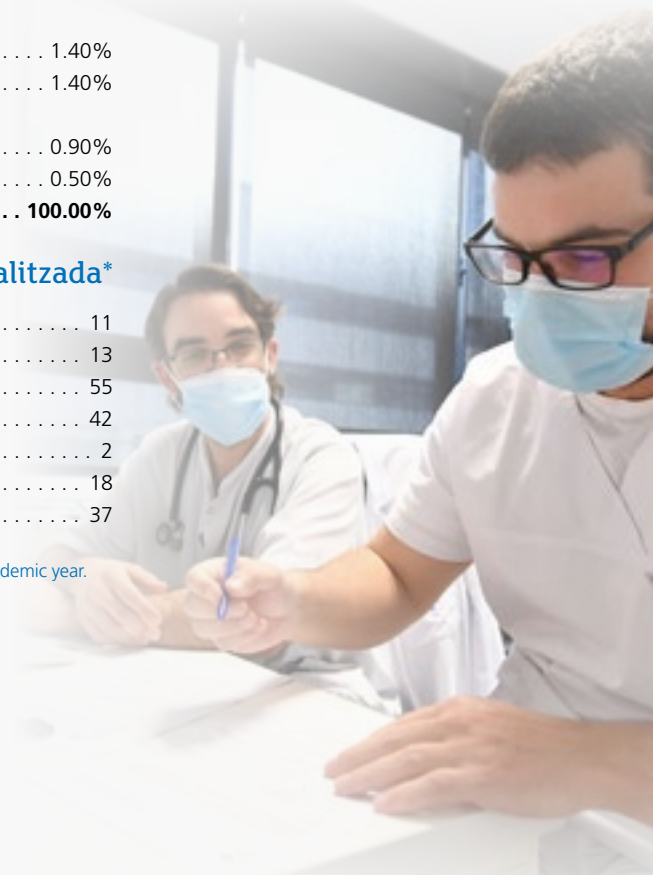
## Residents propis



## Formació d'estudiants



Estudis de pregrau	220
Estudis de grau	578
Estudis de postgrau	13
Altres	25





# Research and innovation



## Research activity

	NEW	ACTIVE
Clinical trials (pharmacological and non-pharmacological)	14 (1)	76 (10)
Post-approval observational studies	7 (0)	27 (0)
Observational epidemiological studies	42 (22)	192 (83)

\* In parentheses those promoted by Althaia

## Research results

Indexed articles	106
Total impact factor (FI 2020)	533.721

## Research funding

Competitive subsidies obtained	6
Income by competitive subsidies obtained	€ 92,219.14
Income studies promoted by industry	€ 361,364.00
Income from research collaborations	€ 39,073.83
<b>Total</b>	<b>€ 492,656.97</b>

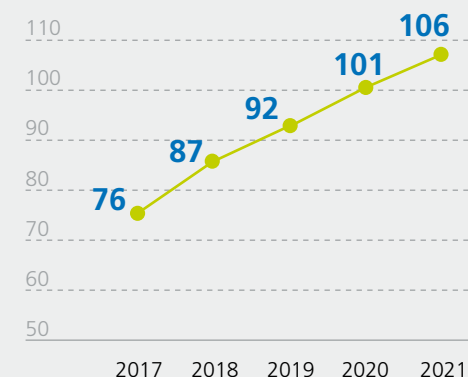
## Other research indicators

Theses defended	1
Theses in progress	47
Research groups recognised by the AGAUR	3
Research groups from Althaia	1

## Innovation

Active innovation projects	8
----------------------------	---

## Publications



## Research



Epidemiological studies	192
Clinical trials	76
Post-registration studies	27



## Patient Safety

### Implementation of good practises:

- Hand hygiene campaign and training.
- Fall prevention course.
- Safe transfusion simulation course.
- Safe drug's use sessions.
- Patient safety introductory course.

### Improvement measures:

- Identification of risk drugs (MAR) at the Medical Workstation (ETM).
- Health cards reader for Emergency admissions.
- Change of identification bracelets at U5.
- Computer alerts on the ETF in high-risk drugs doses.
- Study and spread of bacteremias through catheters.

## Participation of professionals in quality in health care

Commissions in health care. . . . .	15
Professionals who are members of commissions . . . . .	222
Announcements to be part of the commissions. . . . .	11

## Recognitions

- BSH - Best Spanish Hospitals Awards® which recognise hospital excellence through more than 250 efficiency, adequacy and quality of healthcare indicators.
- Inclusion of the Sant Joan de Déu Hospital in Manresa in the list of the 100 best hospitals in Spain made by *Newsweek* magazine.

## Certifications

- Renewal of UNE-EN 9001 certification for the Clinical Analysis and Microbiology Laboratory and for the Home Care Department (UHdD in Catalan). It is renewed every 3 years and in both cases an excellent result has been obtained, without any requirements.
- The Pathological Anatomy Service, certified since 2017 with the UNE-EN ISO 15189 standard, has been undergone to an audit to renew its accreditation, so that it has kept the objective recognition of the professionals team's technical competence in the breast pathology diagnosis.



## Participation of professionals



**15**

Commissions in health care



**222**

Members of commissions

## Development of protocols



**700**

Published protocols



**537**

Updated protocols



# Corporate social responsibility

The Board of Trustees of the Althaia Foundation approved the Strategic Plan 2021-2025 in the meeting held on 15th December. One of the strategic aims of this plan is to strengthen the model of corporate social responsibility and sustainable development, collecting the path of all the actions developed in the institution during the last years. Althaia's CSR is based on a comprehensive understanding, and it includes all the dimensions of the institution:

## A good government

- Elaboration of the Strategic Plan Talaia 2021-20025 with the participation of the stakeholders.

## Job quality

- Investments in new infrastructures or changes to the existing ones to ensure a safe work environment.

## Respect for the environment

- Implementation of the collection of the selective fraction of plastic packaging in the hospitalisation units and healthcare services of all buildings, with an increase of 10 tonnes collected during the year.
- Installation of photovoltaic solar panels at Sant Joan de Déu Hospital, the Mental Health Centre (CSAM) and the Sant Josep Clinic. 706 panels with a power of 279.3 kWp have been installed, generating almost 400,000 kWh/year of electricity.
- Installation of a battery charger for electric vehicles in the car park of the Sant Josep Clinic and electric scooter recharging points in the Sant Josep Clinic and in Sant Joan de Déu Hospital.

## Social commitment

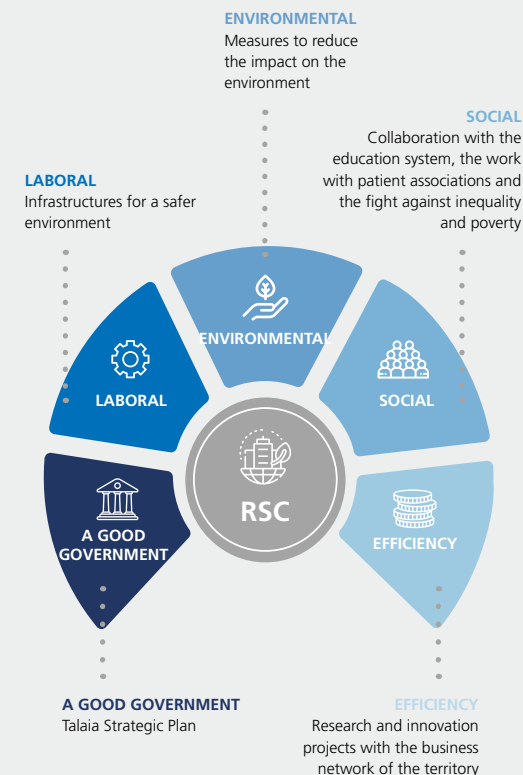
- Fight against inequality and poverty through: 250 financial support for pharmaceutical poverty, the processing of more than 300 assistance to the food bank and tickets to guarantee meals to patients.
- Actions for health and well-being: 261 people looked after in the Home Healthcare Programme, 17 families have used the supervised accommodation for relatives of hospitalised patients, the housing support programme for patients and the Cohabitation of Mental Health Patients Unit.

## Value and efficiency creation

- Participation in the Territorial Specialisation and Competitiveness Project (PECT) BAGESS (Big Data, Analytics, Management and Strategy in Health and Social), which gathers health and social field entities of the region to improve the quality of life and promote the social inclusion of people with dependency and chronic diseases.
- Coordinated work with the Fundació Universitària del Bages - UManresa and Avinent to create and develop MAP +, a hub of innovation and technology at the service of personalized medicine and healthcare.



## CSR



## Patient Advice

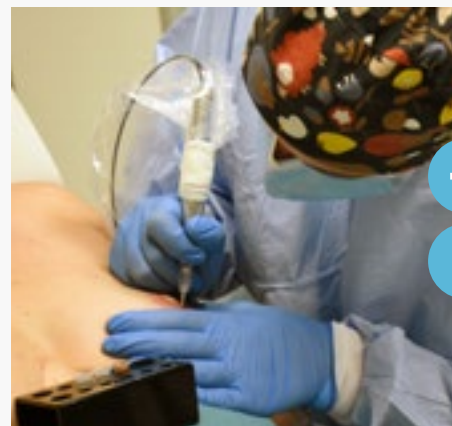
### New multipurpose space which can be adapted into an ICU that expands Althaia's healthcare capacity

The Minister of Health, Josep Maria Argimon, has inaugurated a new space in Sant Joan de Déu Hospital which has been completely remodelled and which allows it to increase its healthcare capacity. These facilities take up 343 square metres and have 8 rooms. The new space normally works as a Medical Day Hospital and Transition Unit, but when the situation requires it, it can be quickly turned into a critical area with all the isolation, safety and comfort features, both for patients and for professionals. The remodelling works have meant an investment of more than one million euros and have been financed by the Catalan Health Service (CatSalut).



### Micropigmentation of the nipple of women whose mammary gland has been removed for cancer

A new technique of micropigmentation for the areola and the nipple has been introduced for patients affected by breast cancer who have had a mastectomy, the removal of the breast. It is the last step in breast reconstruction, which can have very positive psychological effects on women, and it is carried out after all oncological treatments have been finished.



### The Cardiac Rehabilitation Unit has more than 1,000 treated patients

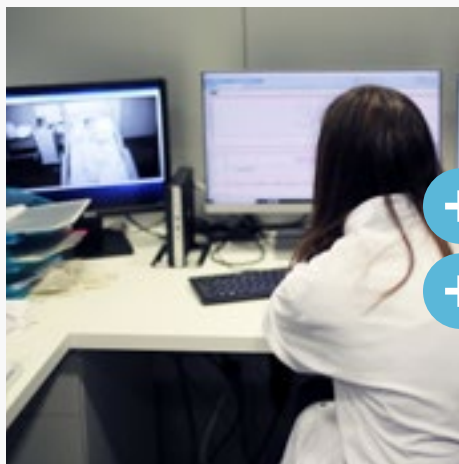
The Cardiac Rehabilitation Unit has surpassed the number of 1,000 patients treated in 2021. The programme is addressed to patients with heart disease with the aim of reducing the risk of a new heart episode, promoting a healthy lifestyle and improving their functional capacity through the prevention of cardiovascular risk factors, physical exercise practice and adherence to the medical treatment. This year the programme has received a grant from the Strategic Plan for Research and Innovation in Health (PERIS) which will allow scientific assessment of the advice effectiveness in the maintenance of physical exercise in patients with ischaemic cardiopathy.

# News from 2021

## The Sant Josep Clinic launches the Sleep Unit, a unique service in Central Catalonia

The Sant Josep Clinic, in collaboration with Ad-Salutem Institut del Son, has launched the Sleep Unit. This new service, unique in Central Catalonia, has the purpose of improving the quality of life of people who suffer from sleep disorders and do not get a restful sleep.

The unit has a multidisciplinary team of experts made up of pulmonologists, neurologists, psychologists, paediatricians, neurophysiologists and nutritionists, who follow a personalised healthcare model of diagnosis, treatment and monitoring which helps patients improve and ensure a good rest.



## Manresa's Radiation Oncology has looked after more than 2,500 patients in 5 years

In summer, it has been five years since the Radiation Oncology Service, located in Sant Joan de Déu Hospital and managed by the Health Consortium of Terrassa, started working. During this time, around 550 patients have been treated every year, from the regions of Bages, Berguedà, Cerdanya, Moianès and Solsonès. One of the main benefits for the reference population is that they can receive radiotherapy treatment close to their home and with a service which has a linear accelerator with top of the range technological features, the same which is used in large hospitals, which allows high quality treatments.



## Maxillofacial Surgery and Otorhinolaryngology are centralised in Sant Joan de Déu Hospital

The Maxillofacial Surgery Unit, located in the Sant Josep Clinic, and the Otorhinolaryngology Service, which was in Centre Hospitalari, have been moved to Sant Joan de Déu Hospital, to some new, more spacious and functional spaces which allow offering a better service to the users, better work conditions to professionals, as well as integrate better the task of these with the rest of specialties. The Maxillofacial Surgery Unit is located in the surgical area on the -3rd floor of Sant Joan de Déu. The Otorhinolaryngology Service is located in the outpatient services area, on the -1st floor. With these two moves, it ends the unification process of the specialised healthcare in a single building, in Sant Joan de Déu Hospital, as it was planned.



# News from 2021



## The new car park at Sant Josep Clinic improves accessibility

On 7 July, the Sant Josep Clinic inaugurated the new car park, which has 96 large spaces, an area for ambulances and emergency vehicles, and new spaces for people with reduced mobility, among others. It also has new pavement to ensure pedestrian safety, more garden spaces and new lighting with LED technology. The advantages of the project, which in addition to increasing the supply of parking spaces it also allows improving mobility around the hospital, have a positive impact on professionals, patients and families, as well as on the residents of the neighborhood and the city. 190 new solar panels have been installed in the new facility, which will provide the 6.45% of the total annual consumption of the building.

## The Althaia App already allows people to follow the evolution of a surgical procedure in real time

The Althaia mobile application has incorporated six new functionalities, which are added to those that are already operational and which contribute to bringing the work of professionals even closer to the public. In this way, users can do more procedures online, which is another step forward to remove the traditional use of paper, with the environmental, accessibility and resource optimization benefits that this implies.



One of the most important new features is the "Operating Theatre Waiting Room", which allows companions to follow the evolution of their relative's surgical procedure in real time. It also allows people to confirm their arrival at the centre when they have a scheduled visit without having to go through the stand or consult the waiting list.



## The Central Catalonia Transition Unit is launched

The Althaia professionals who are part of the ASSIR Bages-Solsonès team have joined the new Transition Unit of Central Catalonia, which has started to work at the primary health centre CAP Bages in Manresa.

The unit offers care to the health of trans people throughout the health region of Central Catalonia. The team is made up of a gynaecologist, two midwives, a psychologist, a social worker and administrative staff to support them.



# News from 2021

## Professionalism

### Award for the work of the Long Survivor Group

The Long Survivor Group has been awarded at the Vigil of Sant Lluç 2021, the ceremony of recognition for the medical profession in the region, which is organized by the Bages Regional Committee of the Barcelona Medical College (CoMB). It is an innovative and unique project in Catalonia which is led by the Oncology Service of the Althaia Foundation and which has won the second prize of the XXIV Bages Medical Sciences Award for the work in shared management between the two healthcare levels. Oncology and Primary Healthcare. In the last five years, the territory's primary healthcare has assumed the monitoring of almost a thousand patients after being discharged from Oncology.



### For the second consecutive year, the best hospital in the country in women diagnosis

Althaia has been awarded for the second consecutive year in the BSH - Best Spanish Hospitals Awards®, which recognise hospital excellence through more than 250 indicators of efficiency, adequacy and healthcare quality. In particular, the institution has once again received the honour of the best general Spanish hospital and of reference in the "Women's Pathologies" category, which highlights the work carried out by the professionals of the services responsible for this healthcare, with the leadership of the Gynaecology and Obstetrics Service and the collaboration of General Surgery and Plastic Surgery. In this category, clinical management processes regarding labour and surgical procedures for breast and uterine cancers have been analysed, as well as genital prolapse and dysplasia of the cervix, vagina and vulva.



### Among the 100 best hospitals, according to Newsweek magazine

The prestigious American publication *Newsweek* has included Sant Joan de Déu Hospital of Manresa in the list of the hundred best hospitals in Spain. The inclusion in the World's Best Hospitals 2022 is a recognition of the work of Althaia's professionals, who have made an unprecedented effort to combine the regular healthcare with that which Covid-19 has generated.



It is also a recognition for the transformation and innovation capacity of the institution to respond to the needs derived from the pandemic while offering the highest quality patient healthcare and, at the same time, promoting research activity. The centre is one of the few reference Catalan hospitals which is in the ranking; the rest are of greater extent.





## Althaia incorporates the nurse prescription

Nursing prescription has been progressively deployed during 2021 at the Althaia Foundation. It started in primary health care and, afterwards, it has been applied in the hospital scope. It emphasises the fact that a group of nurses from the institution's primary health care took part in a pilot test, which was a success. This landmark means a professional recognition as well as it normalises a situation which is part of the nursing activities and which improves the citizens' healthcare.

## The development of the reference

### Gratitude to the solidarity of the territory for dealing with Covid-19 and promoting research

Althaia has thanked the citizens, companies and entities of the territory for their generosity and involvement in the fight against Covid-19. Thanks to the different solidarity actions which have been carried out since the outbreak of the pandemic, more than half a million euros have been collected, including financial contributions and material and equipment donations. Contributions which have made it easier for the institution to have more resources to deal with the emergency situation and, at the same time, to promote research with the announcement, for the first time, of some grants aimed at projects promoted by Althaia researchers and linked to Covid-19. The aim of it has been to promote scientific research on the clinical, therapeutic, epidemiological, prevention, public health and health services impact and repercussions linked to the new disease. It has also helped to encourage research among the institution's professionals.



### 3D food printing to improve the quality of life of people with dysphagia



Improving the quality of life of people who suffer from dysphagia is the main objective of an Althaia Foundation's project about nutrition assistance and 3D printing, which is being developed in collaboration with the Joviat Hospitality School and other organizations.

The Centre for the Medicine and Innovative Technologies Integration (CIMTI), with the collaboration of the Department of Labour, Social Affairs and Families, and the Department of Health, has provided technical, logistical and management advice in order to develop the NutriAlth3D project.

# News from 2021

## The laboratory renews the equipment for the management of samples and analyses

Althaia has updated the laboratory equipment of the Clinical Analysis Service. It is a new technology for managing samples and analyses which allows the Haematology, Biochemistry and Immunoanalysis systems to be integrated. The analytical process is carried out automatically and, once finished, it stores the samples in a cooling archive room which has increased its capacity considerably.



Before, around 5,000 tubes could be stored, and currently, up to 13,500 refrigerated tubes can be stored. The renovation has made it possible to accelerate the workflow of the laboratory, considering that some of the tasks that were made manually are now done automatically.

## La Marató de TV3 funds a research project in Intensive Care Medicine

La Marató de TV3 has given a grant to a research project of the Intensive Care Medicine Service on the impact and cognitive sequelae in Covid-19 patients who require mechanical ventilation. This is one of the 36 projects, out of 299 candidates, which have obtained a grant.

The research will allow for identifying patients with a high risk of suffering complications derived from mechanical ventilation in the ICU, which will facilitate clinical decisions and help to present personalised approaches in order to obtain better results, avoid these sequelae and treat them.



## The new Strategic Plan Talaia 2021-2025 is approved

The Althaia's Board of Trustees has approved the Talaia Strategic Plan 2021-2025, the roadmap which indicates the path that the institution must follow in the next years, with the point of view, the objectives to be achieved and the strategies to do it. The document, which is in coherence with the Catalan Health Plan of the Government of the Generalitat, has followed a very participatory drawing up process.



## Improve dependency and chronicity care through a digital innovation project

Althaia participates in the Territorial Specialisation and Competitiveness Project (PECT) BAGESS (Big Data, Analytics, Management and Health and Social Strategy), which groups together several organisations from the social and health-related field of the region. With the leadership of Althaia's Digital Innovation Committee and the healthcare areas involved, different ICT tools will be launched to monitor the health status of the chronic and dependent patient more closely, favouring prevention, reducing decompositions and avoiding complications.

In addition, the use of technology will be enhanced to improve communication between professionals and the continuity of the healthcare process. Finally, prediction tools will be deployed to support and facilitate decision-making in the care of patients with chronic diseases, with the aim of offering a more personalised medicine.



## An innovation and technology hub is born at the service of personalised medicine

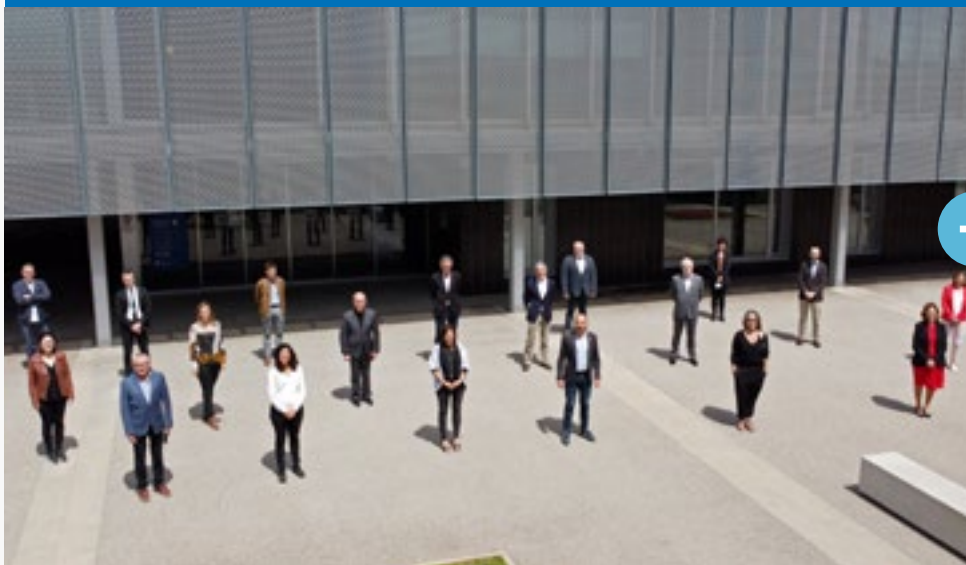
The Althaia Foundation has joined efforts with the Fundació Universitària del Bages – UManresa and Avinent to create MAP+, a hub of innovation and technology at the service of personalised medicine and healthcare. The expertise of the three organisations allows generating an ecosystem in which companies, universities, administrations and social organisations of the territory are integrated to develop and validate new technologies which serve to introduce improvements in medicine and in the personalised healthcare of patients.

The project also aims to promote entrepreneurship, increase the competitiveness of companies, create qualified jobs, attract and keep talent and promote teaching and research linked to new technologies.

## Committed to the environment

Within the framework of the Sustainable Althaia's project and in accordance with the Strategic Plan, different actions have been carried out to improve in a green and sustainable environmental management, and to strengthen the sustainable development model. The installation of photovoltaic solar panels in Sant Joan de Déu, the Mental Health Centre (CSAM) and the Sant Josep Clinic is emphasised.

There has also been progress in the implementation of selective collection in all buildings. Plastic, waste and paper recycling enclosed areas have been placed in the lobbies and in the waiting rooms of users, and the selective collection of plastic packaging has begun in the hospitalisation units. Electric scooter car parks have also been installed in Sant Joan de Déu Hospital and Sant Josep Clinic.



## Board of Trustees of the Foundation

The Althaia Foundation is governed by a Board of Trustees in which three institutions come together: the Manresa City Council, the Order of Sant Joan de Déu and the Mutua Manresana private health society.

- The Illustrious Mr. Marc Aloy i Guàrdia
- Mr. Fèlix Badia i Pujol
- Ms. Maria Àngels Clotet i Miró (*Chairman since 21-10-2021*)
- Mr. Roberto Elosua i Llanos (*Chairman since 21-12-2021*)
- Ms. Montse Ficapal i Soler (*Chairman since 21-10-2021*)
- Mr. Francesc Forrellat i Vall de Vilaramó (*Chairman until 20-10-2021*)
- Ms. Dolors Gassó i Bonvehí (*Chairman since 16-06-2021*)
- Mr. Lluís Guerrero i Sala
- Mr. Josep Lluís Irujo i Fatuarte (*Executive Committee Chairman*)
- Mr. Ramon Llanas i Sanmiquel (*Chairman until 20-10-21*)
- Mr. Ricard Macià i Calmet (*Secretary*)
- Mr. Enric Mangas i Monge
- Mr. Valentí Martínez i Espinosa
- Ms. Mercè Piñot i Sant
- Mr. Valentí Roqueta i Guillamet
- Brothers Santiago Ruiz i Gutiérrez
- Mr. Ignasi Serra i Roca
- Sra. Maria Mercè Tarragó i Costa

### *Managing Director*

Mr. Manel Jovells Cases

### *Corporate Legal Advisor*

Mr. Benjamí Garcia López

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Tel. 93 874 21 12

### **Centre Hospitalari**

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Tel. 93 873 25 50

### **Centre de Disminuïts Físics del Bages**

Caputxins, 28 - 08241 Manresa  
Tel. 93 874 44 90

### **Centre de Medicina de l'Esport**

Caputxins, 16 - 08241 Manresa  
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### **Clínica Sant Josep**

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