

# THE COMPANY YESTERDAY - TODAY - TOMORROW



UNIVERSITY HOSPITAL

UNIKLINIKUM SALZBURG







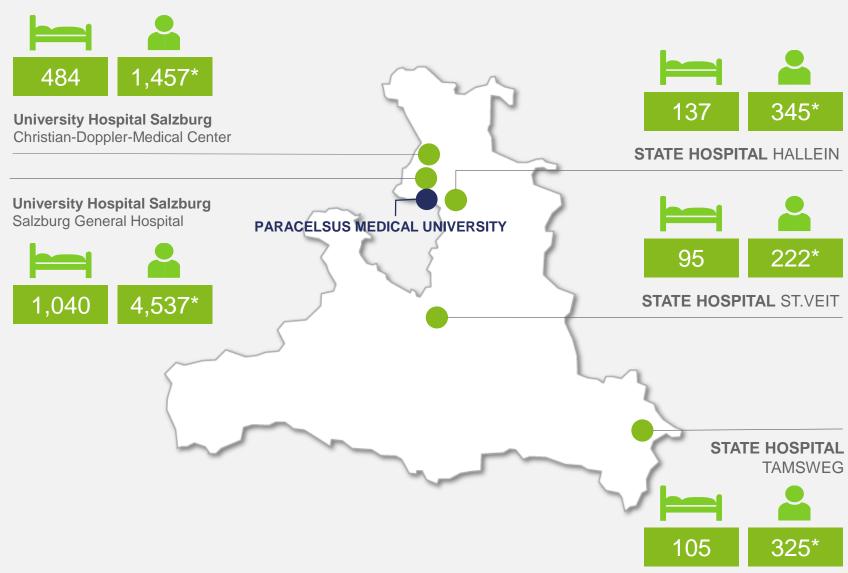
## Contents



- University Medicine Salzburg
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- Figures, Data, Facts
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- Medical beacons
- Nursing service
- Our strengths

#### SALZBURG STATE HOSPITALS LOCATIONS

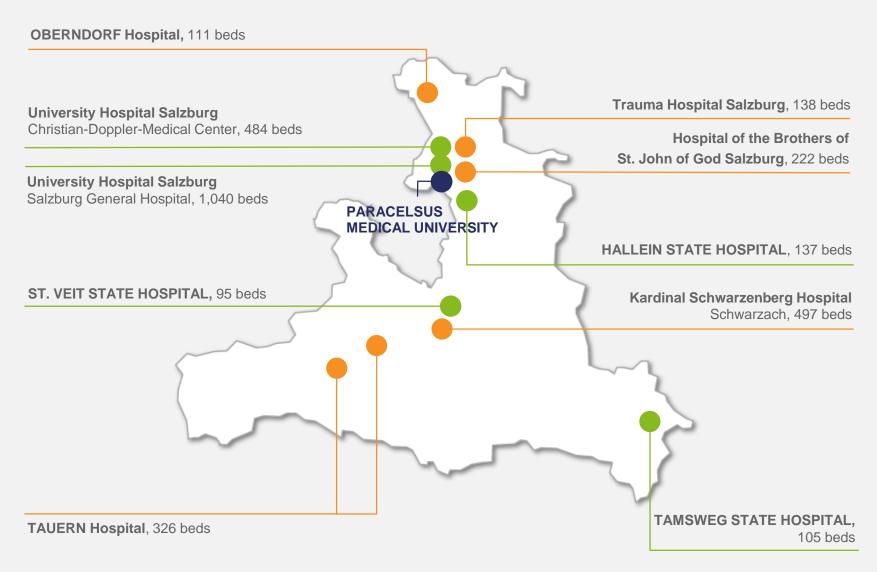




<sup>\*</sup> Heads 2022, bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version.

#### FUND HOSPITALS AND AUVA SALZBURG

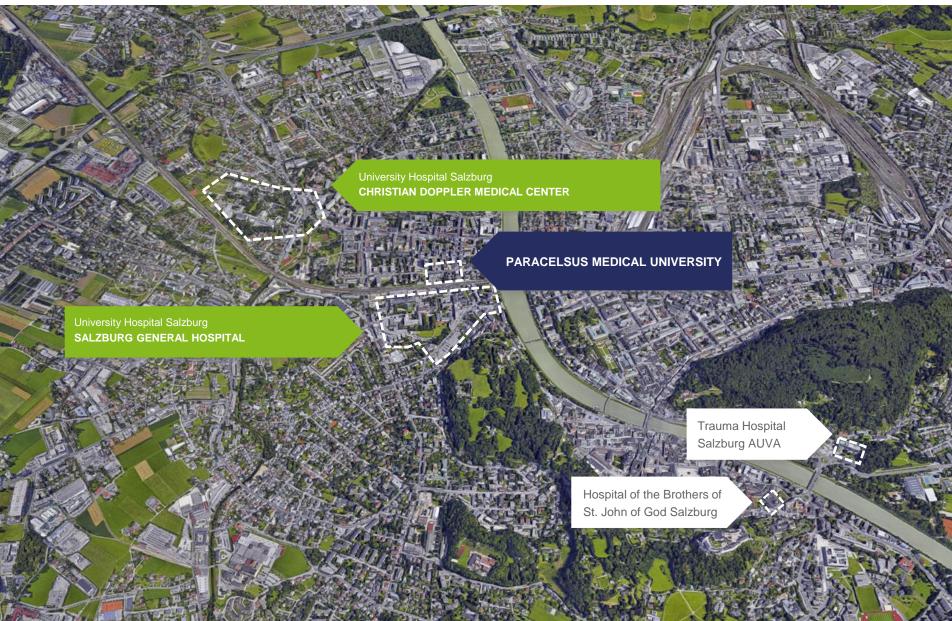




Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), in current version.

#### OVERVIEW OF HEALTH CARE IN THE CITY OF SALZBURG





#### **OUR HOUSES**









Founded in 1695

Founded in 1898

Central hospital, acute care

All somatic specialities and trauma surgery except neurology, neurosurgery, psychiatry, childrens psychiatry, geriatrics, neuroradiology Neurology Neurosurgery Psychiatry Childrens psychiatry Geriatrics Neuroradiology Clinical psychology

 1,040 beds\*
 484 beds\*

 4,537 employees
 1,457 employees

 50,691 inpatient admissions
 9,975 inpatient admissions

 861,834 outpatient rates
 162,539 outpatient rates





#### Founded in 1913

State hospital with focus on:

Internal medicine Innovative geriatric medicine Psychiatry

95 beds\*
222 employees
2,549 inpatient admissions
34,354 outpatient rates





#### Founded in 1908

Primary care Lungau

General surgery
Anaesthesia
Gynaecology and obstetrics
Internal medicine, orthopedics
and traumatology
General renovation until 2019

105 beds\*
325 employees
4,575 inpatient admissions
76,526 outpatient rates





#### Founded in 1907

Primary care Tennengau

Surgery, anaesthesia, Gynaecology and obstetrics, Internal medicine Special emphasis on Orthopaedics & Traumatology Radiology

137 beds\*
345 employees
5,822 inpatient admissions
45,908 outpatient rates

Figures 2022

<sup>\*</sup> Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), in current version.



# WE ARE THE FAMILY OF SALZBURG STATE HOSPITALS

- Largest healthcare provider and employer in Salzburg
- University medical care, teaching and research
- On-site medical care with access to the University Hospital Salzburg
- Transregional trauma centre
- Largest educational institution for medicine, nursing and health professionals
- Centre of preventive health care
- Shareholder of neurological, psychiatric, pediatric and oncological rehabilitation centres; ambulatory rehab centre









#### SALZBURG GENERAL HOSPITAL CHRISTIAN DOPPLER MEDICAL CENTER



**Supervisory Board** 

#### Management

- Areas of business management

STATE **HOSPITAL** ST. VEIT

**STATE HOSPITAL TAMSWEG** 

STATE HOSPITAL HALLEIN

University Institute for preventive and rehabilitative sports medicine

reKiZ Children's neurological rehabilitation centre

- Management areas

Cooperation and participation Neurological Rehabilitation NeuroCare

Gunther Ladurner Care Centre Sonnberg Rehabilitation St. Veit

Oncological Rehabilitation St. Veit

Children's rehab Leuwaldhof St. Veit

Rehabilitation Center Salzburg







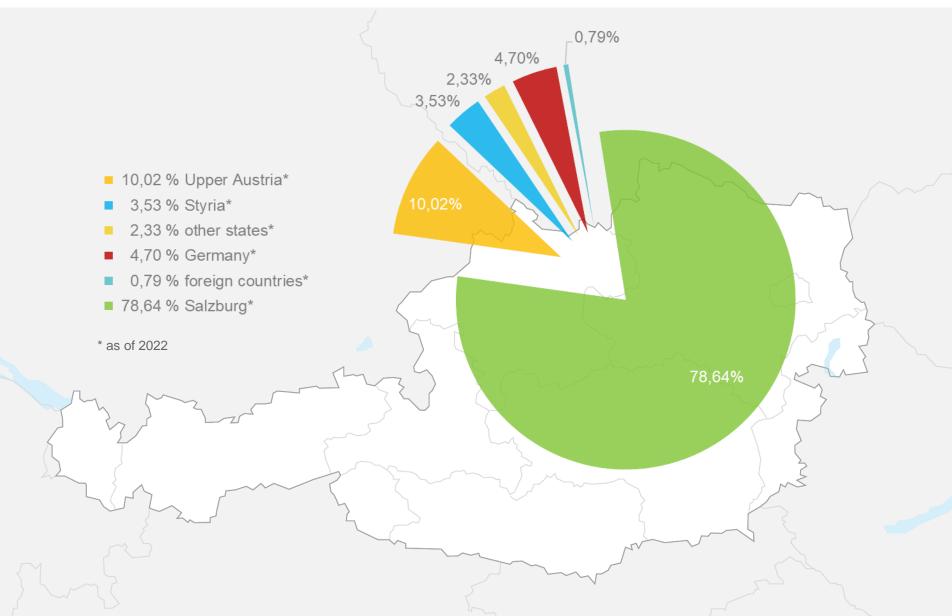
**CRCS** Clinical Research Center

Prof. Dr. Wolfgang Sperl, MD, PhD President PMU

Dr. Thomas Gamsjäger, MSc Dr. Silvia Lechner, EMBA HSG CEO SALK

#### **ORIGIN OF INPATIENTS**









# UNIKLINIKUM SALZBURG

# UNIVERSITY MEDICINE SALZBURG

**UNIVERSITY HOSPITAL SALZBURG** 





# Overview Salzburg General Hospital

#### Collegiate leadership

#### **Medical Director:**

Univ. Prof. Dr. Christian Pirich (interim.)

**Commercial Director:** 

Dipl.Engineer Dr. Klaus Offner

**Director of Nursing:** 

Franziska Moser, BA MA

Founded: 1695

**Beds:** 1,040\*

Employees (heads): 4,537

#### Areas of care:

University hospital, acute care, all specialities except neurology, neurosurgery, psychiatry, childrens psychiatry, geriatrics, neuroradiology. rehabilitation centre Salzburg

	Per day	Per year	
Outpatient rates	2,361	861,834	
Inpatient admissions	139	50,691	
Fully inpatients	119	43,484	
Day clinic – surgical	17	6,331	
Day clinic – chemotherapy**	1		
Other	2	636	
Births	7	2,550	
Surgical procedures	77	28,080	
Number of specialist clinics or institutes: 25			

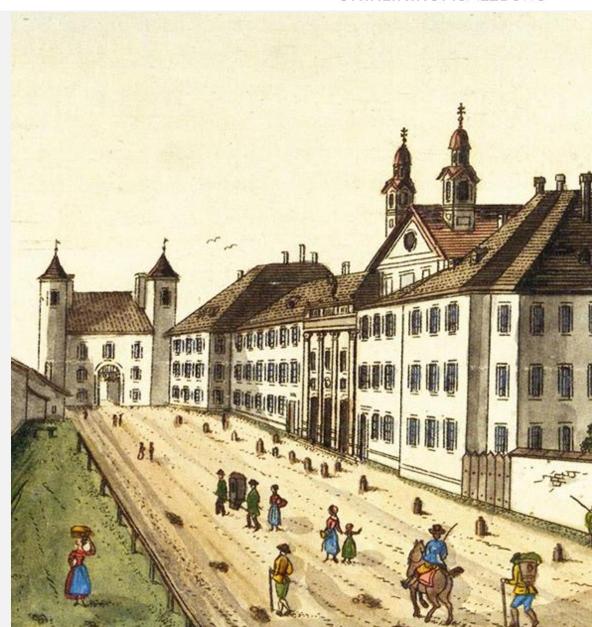
<sup>\*</sup> Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version.

<sup>\*\*</sup>Outpatient cases since 2019



# History of the Salzburg General Hospital

- 1699 Foundation of St. John Hospital by Prince Archbishop Johann Ernst Graf Thun (deed of foundation)
- 1692 Construction under Johann Bernhard Fischer von Erlach
- 1695 Opening building wing for men
- 1796 Separation into a medical and surgical department
- 1899 Opening of the Children's Hospital by Archduchess Marie Valerie of Austria
- 2003 Paracelsus Medical University begins academic teaching, SALK partner and training centre for clinical practices and research



#### HIGHLIGHTS OF THE UNIVERSITY MEDICINE SALZBURG

# EB House: Expertise centre for rare skin diseases

- University Clinic Epidermolysis Bullosa (EB) Centre for Dermatology and Allergology: Help for "Butterfly Children"
- EB clinical outpatient department: wound management, pain therapy, nutritional counselling, pre and post care
- EB research: aim of alleviation and cure, focus on operative genetic and cell therapy
- EB Academy: specific training, international patients and networking
- Health care provider of the European Reference Network for rare and complex skin disorders



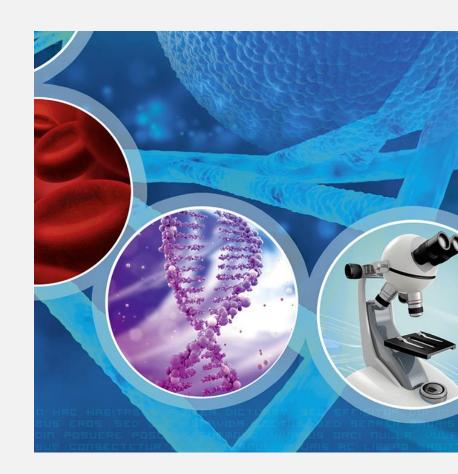




#### HIGHLIGHTS OF THE UNIVERSITY MEDICINE SALZBURG

# Oncological reference centre

- Since 2004, Salzburg has had the lowest and the most continuously decreasing rate of cancer mortality of all federal states (Statistic Austria)
- The recipe for success is an intensive interdisciplinary collaboration at the highest technical level
- Internal medicine, surgery and radiooncology supported by pathology, diagnostic radiology, nuclear medicine and neurology
- Promotion of molecular diagnostics in oncology by implementing a Next-Generation Sequencing (NGS) Core Facility
- Oncology Study Centre: Since 2003, 10,000 patients have been treated in clinical trials



#### HIGHLIGHTS OF THE UNIVERSITY MEDICINE SALZBURG

# Expertise centre for cleft lip and palate and craniofacial anomalies

 Treatment of complex malformations at the University Hospital for Oral and Maxillofacial Surgery in cooperation with the University Hospitals for Neurosurgery, Pediatric Surgery, ENT, Ophthalmology and Clinical Genetics

# University Clinic Centre for Reconstructive Microsurgery for Oral and Maxillofacial Surgery

- Symani surgical robot for microsurgery: Interdisciplinary implementation and research of reconstruction techniques using microsurgical procedures (Symani surgical robot)
- 3D Print Lab
- Coordinated cooperation between the University Hospitals for Maxillofacial Surgery, ENT, Neurosurgery, Emergency Surgery and Orthopaedics
- Increase in the number of microsurgical-reconstructive interventions from 2010 to 2019 to over 120 interventions per year





# Overview Campus Christian-Doppler-Medical Center

#### Collegiate leadership

#### **Medical Director:**

Univ.-Prof. Dr. Christian Pirich (interim.)

#### **Commercial Director:**

Dipl.Engineer Dr. Klaus Offner

#### **Director of Nursing:**

Franziska Moser, BA MA

Founded: 1898

**Beds:** 484\*

Employees (heads): 1,457

#### Areas of care:

University Hospital specialising in neurological and psychiatric diseases, neurosurgery, neuroradiology, geriatrics; emergency care, clinical psychology

	Per day	Per year
Outpatient rates	445	162,539
Inpatient admissions	27	9,975
Fully inpatients	27	9,865
Day clinic – surgical		41
Other		69
Surgical interventions (neurosurgery)	5	1,945
Number of specialist hospitals: 6		

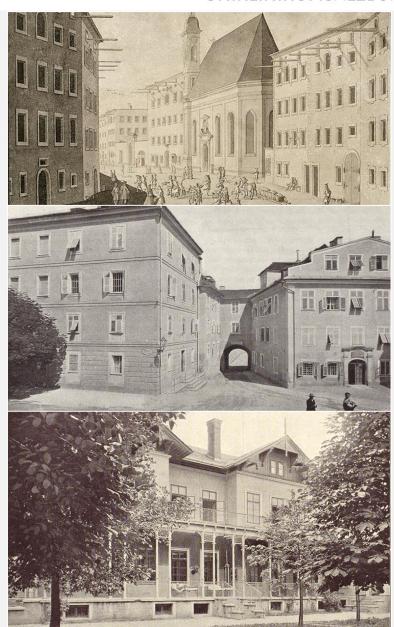
<sup>\*</sup>Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version.





# History of the Christian-Doppler-Medical Center

- 1782–1808 First "asylum" the Bruderhaus in Linzer Gasse. Funded from the fundus pro furiosis (top image)
- 1808–1850 Kammerlohrhof at Müllner Hauptstrasse 48 (middle image)
- 5 November 1898 Opening of the state medical centre for the emotionally disturbed and and mentally ill. Julius Wagner-Jauregg was particularly impressed by the large building site for an extension of the institution (image below)



# Christian-Doppler-Medical Center 2022

	Beds	Inpatient Admissions	Outpatient Rates	Employees (FTE)
Neurology	106	4,112	29,423	236,3
Neurosurgery	55	1,900	8,831	113.8
Geriatrics	107	1,077	8,088	159.9
Neuroradiology			25,235	34,3
Adult Psychiatry	132	2,969	77,896	314,9
Child and Adolescent Psychiatry	30	380	5,295	74,1

#### Intensive care units

- Neurological intensive care unit 9 beds
- Stroke unit 14 beds
- Neurosurgical intensive care unit 12 beds
- Neurosurgery 3 operating rooms (1,945 operations in 2022)
- Interventional angiography (24/7 neurointervention)
- Neurological emergency department (central outpatient department)

# Highlights of the University Medicine Salzburg

- Stroke Centre: Pioneer in Austria –1500 admissions per year Interdisciplinary neurointervention –
   24/7 since 2016 (324 thrombectomies) Research institute for experimental angiography
- Expertise Centre for Rare and Complex Epilepsies
   European Reference Centre E-pilespsy and EpiCARE, for rare diseases and epilepsy surgery
- University Department of Cognitive Neurosciences in collaboration with Paris Lodron University
- Neuroscience Institute with MRI and MEG numerous FWF and EU projects
- University Department of Psychiatry: Maximum care provider in transition (e.g. integrated care Salzburg model)
- University Department of Child and Adolescent Psychiatry: the most modern new building completed in May 2019
- University Department of Geriatrics: Unique in Austria
- University Department of Neurosurgery: Research laboratory for microsurgical neuroanatomy







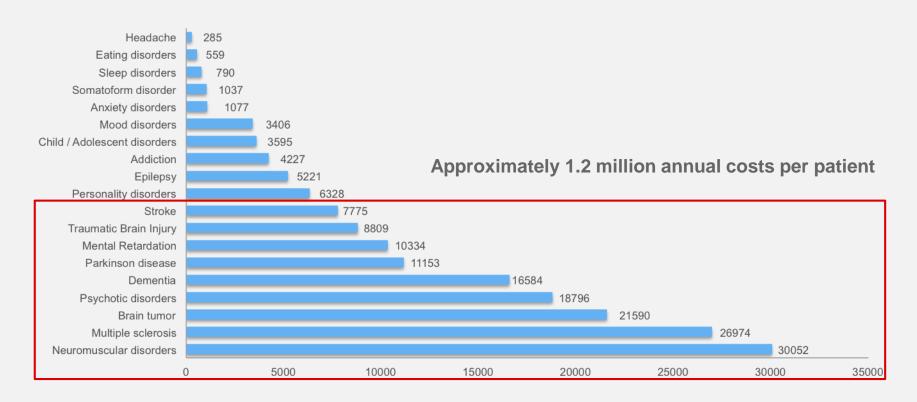


# Fact sheet brain diseases in Europe

- **30% of the population**, or 220.7 million people in Europe suffer from brain diseases
- Costs for brain diseases in Europe per year amount to<sup>1</sup> 798 billion Euro
- Average per capita cost: 5,550.00 Euro per year
- Cost of brain disorders in Europe hits 1 trillion dollars

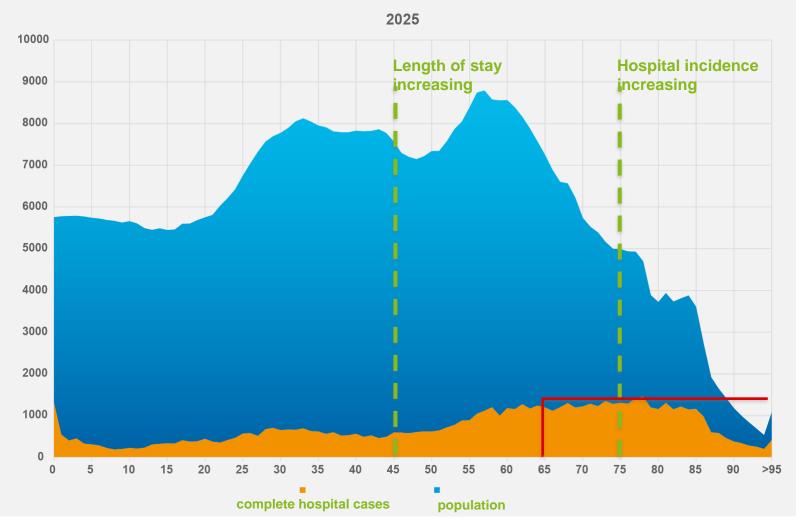
The annual cost of brain disorders in Europe has soared to 798 billion euros (1 Trillion Dollars) and the region is facing a political, social and financial "ticking bomb" as more people fall prey to mental illnesses, researchers report.

# Fact sheet on costs per patient (E PPP 2010)



Eur. Neuropsych. (2011) 21, 718-779

# Demographic development:



# Agenda Brain Disease 2030: Time is Brain WHO Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders

- Investment in medical education
  - Neurological Intensive Care Medicine
  - Psychiatry and Neurology in General Practitioner Education
- Preventive measures are also the responsibility of each individual.
  - Risk Factors > Paracelsus 10,000
  - Early search for specialist help: e.g. depression
  - Recognising the signs of a stroke and Status Epilepticus: time is brain
- Structure Plan for Health > Epidemiology
- Further intensive research efforts needed





# PARACELSUS MEDICAL UNIVERSITY



# PARACELSUS MEDICAL UNIVERSITY

- We look after our students personally
- We offer an excellent education with special features
- We have successful networks
- We put our focus on people





# OFFICE OF THE PRESIDENT



Prof. Dr. Wolfgang Sperl President



Mag.a Lydia Gruber Chancellor



Prof. Dr. Christian Pirich Vice-President for Teaching and Learning



Prof. Dr. Ludwig Aigner Vice-President for Research



Prof. Dr. Herbert Reitsamer Vice-President for Innovation and Digitization



Prof. Dr. med. Theodor Fischlein Vice-President, Nuremberg, Germany



Dr. Stefan Kolb Vice Chancellor Nuremberg, Germany

10.01.2024



## MISSION STATEMENT

Through our excellent education and training, fields of excellence in research and innovative strength, we constantly generate new knowledge and translate this into practice. **We want to take a leading role in Europe.** 

We offer our students quality education founded on leading-edge scientific research and individual support. We set standards in specialty research areas, and are in-demand as a cooperation partner. We are actively networked nationally and internationally. The university's values guide the actions of all our employees, students and alumni.

Responsibility / Trust / Respect / Professionalism / Entrepreneurship

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VISION

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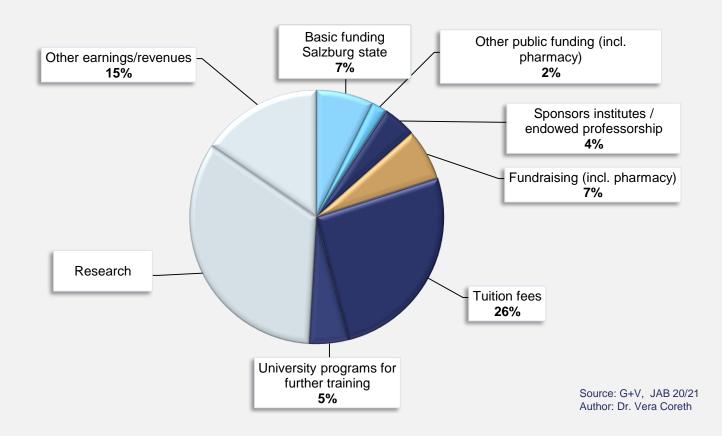
MISSION

VALUES

10.01.2024



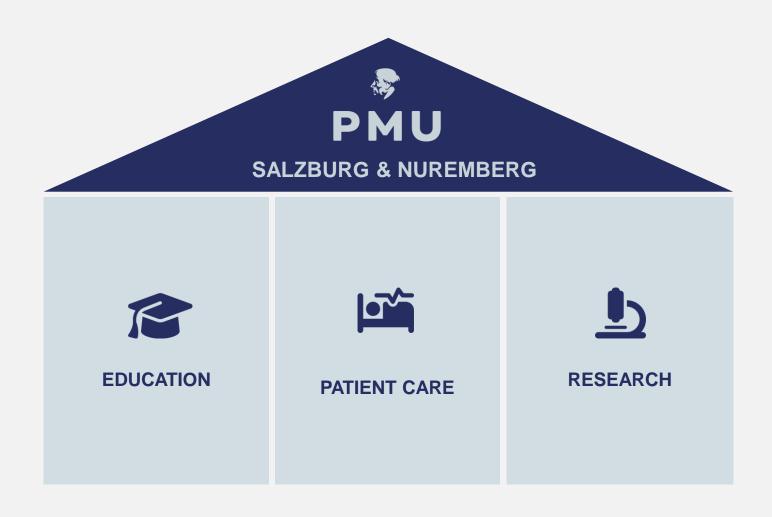
# **NON-PROFIT PRIVATE FOUNDATION**



10.01.2024



# **ABOUT US**





# **DEANS OF FACULTIES**

#### **SALZBURG**



Prof. Dr. Daniela Schuster, Intermist Dean, Faculty of Pharmacy



ao. Prof. Dr. Elmar Aigner, Aigner, Dean of Education, Faculty of Medicine



ao. Prof. Dr. Monika Killer-Oberpfalzer, Dean of Research, Faculty of Medicine



Prof. Dr. Dr. h.c. Jürgen Osterbrink, Dean, Faculty of Nursing Science

#### **NUREMBERG**



Prof. Dr. Thomas
Papadopoulos, Dean of
Education and Clinical Matters



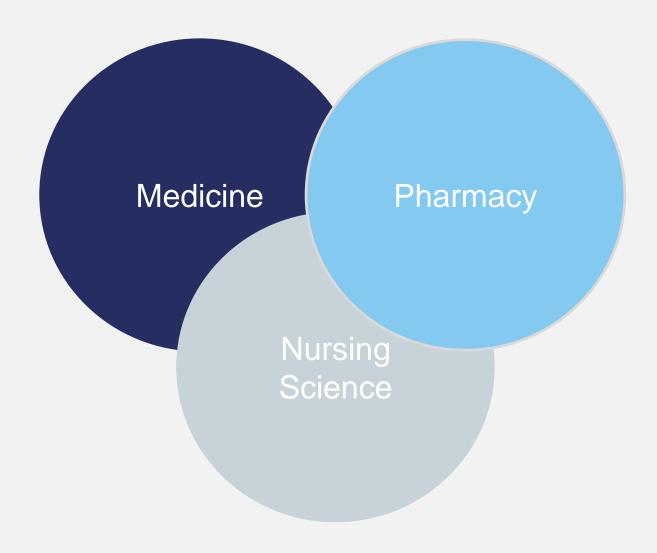
Prof. Dr. Sascha Pahernik, Dean of Research

# HUMAN LEARN, LEARN, ASK, ASK AND DON'T BE ASHAMED TO LEARN AND TO ASK.

Paracelsus (full name Philippus Aureolus Bombastus von Hohenheim)



# **EDUCATION**





# **EDUCATION**



# **SALZBURG**

Medicine
Pharmacy
Nursing Science
Postgraduate Education and Training



# **NUREMBERG**

Medicine



#### **EDUCATION**



### **HIGHER EDUCATION & PROFESSIONAL TRAINING**

## **Degree Programs**

Doctor of Medicine degree (Dr. med. univ.)

Bachelor's and Master's degrees in Pharmacy (BSc/Mag.pharm.)

Bachelor's degree (BScN)

Bachelor's degree in Nursing Science Online (BScN)

Master's degree in Nursing Science (MScN)

Master's degree in Advanced Nursing Practice (MSc ANP)

Master's degree Public Health Online (MScPH)

Doctorate program in Medical Science (Ph.D.)

Doctorate program in Nursing & Allied Health Sciences (Ph.D.)

Doctorate program in Nursing Practice & Leadership Ph.D.)

# University Courses and Further Education

University Course in Early Life Care (MSc)

University Course in Health Sciences & Leadership (MSc)

University Course in Palliative Care (MSc)

Special University Course in Surgical Nursing

Special University Course in Intensive Care Nursing

University Course Special training for anesthesia care

University Course Nursing management / Nursing Education

University Course Mental health and nursing care

Course on Didactics in Higher Education

Clinical Research Center Salzburg

Management & Leadership

Medical Simulation Center Salzburg

Spring School in Clinical Assessment

Training and Surgical courses

<sup>\*</sup> subject to accreditation by AQ Austria

### **EDUCATION**



## COOPERTION PARTNERS

- Mayo Medical School / Mayo Clinic, Minnesota, USA
- Yale University, New Haven, USA
- Stanford University, USA
- University of Northern Florida, Jacksonville, USA
- Old Dominion University, Norfolk, VA, USA
- Johns Hopkins University, Baltimore, Maryland, USA
- Kathmandu University School of Medical Sciences (KUSMS), Dhulikhel Hospital, Nepal
- University of Glasgow, Scotland
- University of Cape Town, South Africa
- Fachhochschule, Salzburg, Austria
- Paris Lodron Universität, Salzburg, Austria
- Nuernberg Institute of Technology, Georg Simon Ohm Nuremberg, Germany







## Cooperation Partners, Erasmus+

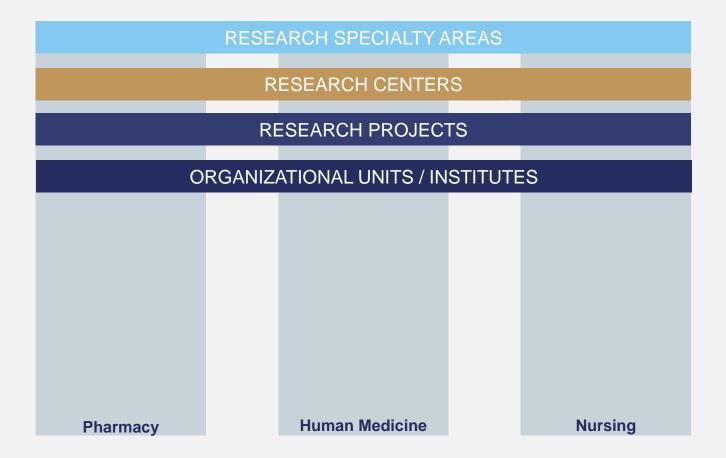
- Kaajani University of Applied Sciences, Finland
- Technische Universität Braunschweig, Germany
- · Charles University, Czech Republic
- University of Patras, Greece
- University of Salento, Italy
- Riga Stradins University, Latvia
- Lehrkrankenhäuser und Lehrpraxen in Österreich und Deutschland
- · University of Alicante, Spain
- Egas Moniz University, Portugal
- Poznan University of Medical Sciences, Poland

# RESEARCH IS ALWAYS THE BEGINNING OF NEW BOUNDARIES.

Prof. Dr. Hans-Jürgen Quadbeck-Seeger

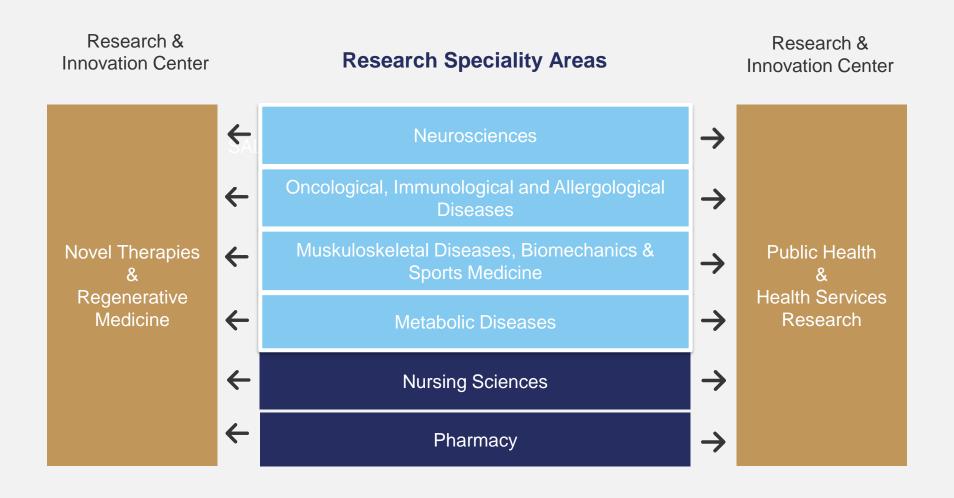


## **RESEARCH ON CAMPUS**





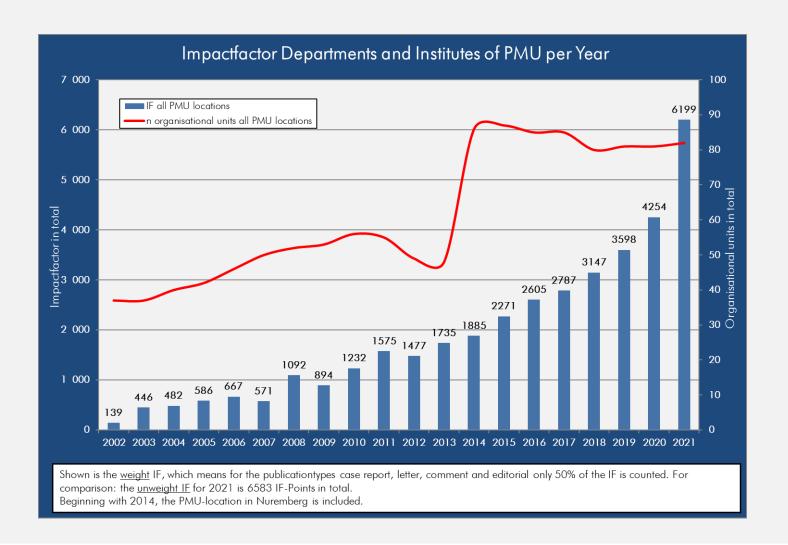
## **RESEARCH ON CAMPUS**



# SCIENTIFICALLY RELEVANT DATA AND FACTS

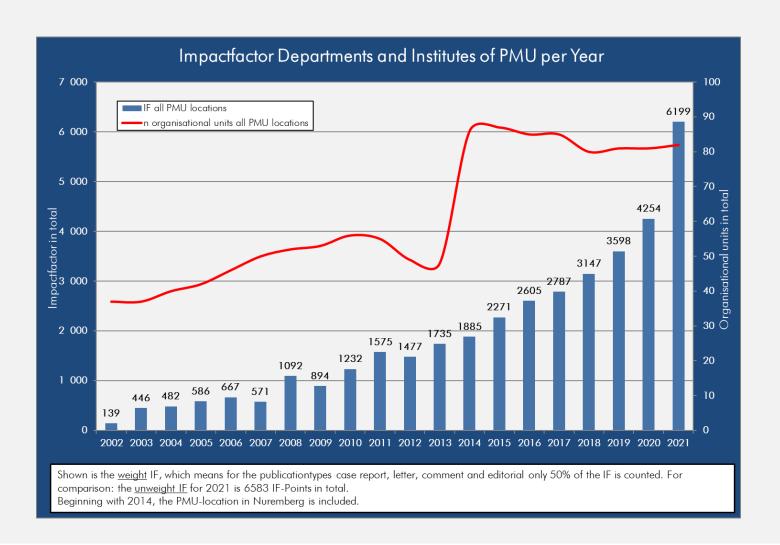


## IMPACT FACTOR





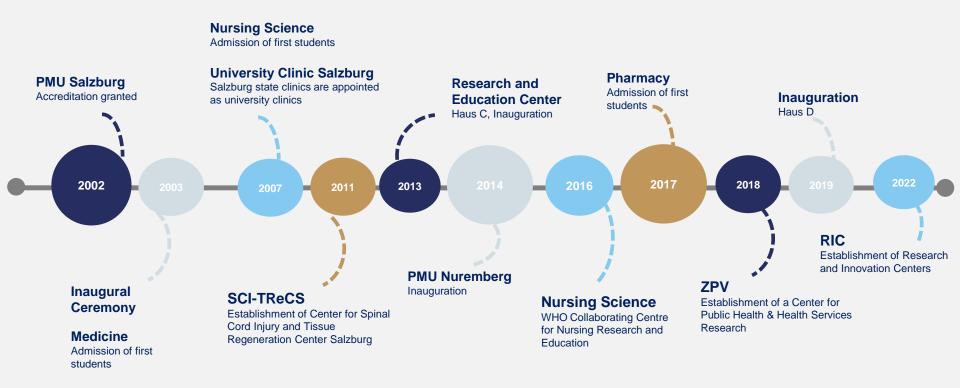
## **PUBLICATIONS**



## TIMELINE



## **TIMELINE**







## **PMU TODAY**

- **1.705** Students
- **4.301** Graduates
- Over 470 Employees



TEACHING HOSPITAL OF PMU

# TREATMENT IN A HEALTHY CLIMATE ENVIRONMENT







## Overview of St. Veit State Hospital

## Collegiate leadership

**Medical Director:** 

Chief of Staff Physician University Lecturer

Dr. Bertram Hölzl

**Commercial Director:** 

Hubert Hettegger, MBA MAS

**Director of Nursing:** 

Mag. Karl Schwaiger

**Regional management:** 

Mag. Reinhard Baumgartinger

Founded: 1913 as a lung sanatorium

to fight tuberculosis

**Beds:** 95\*

Employees (heads): 222

	Per day	Per year
Outpatient rates	94	34,354
Inpatient admissions	7	2,549
Fully inpatient	7	2,546
Other		3
Number of specialist hospitals: 3		

#### Areas of care:

State hospital in a healthy environment with a focus on internal medicine, innovative geriatrics, innovative geriatric medicine, special psychiatric care.

Teaching Hospital of PMU

<sup>\*</sup> Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version



## Rehabilitation in a healthy climate environment

#### Oncological rehabilitation

Cooperation between VAMED and SALK 120 beds for patients
Duration of stay: 21 days (standard)

#### Rehaklinik Sonnberg

Cooperation between SALK and prominent rehabilitation for 49 patients, primarily from Salzburg, but also from all over Austria (psychiatric rehabilitation) Duration of stay: 6 weeks (standard)

### Child/youth rehabilitation

Cooperation between VAMED and SALK

- 20 beds for children/adolescents with cancer
- 50 beds for family-oriented aftercare
- 12 beds for children/adolescents with metabolic diseases and problems of the digestive system

Duration of stay: 3 weeks (standard)



TEACHING HOSPITAL OF PMU, MED UNI VIENNA & MED UNI GRAZ









## Overview of Tamsweg State Hospital

## Collegiate leadership

**Medical Director:** 

Chief of Staff Dr. Gregor Labus

**Business Director:** 

Mag.<sup>a</sup> Andrea Schindler-Perner, MBA

**Nursing Director:** 

Martina Moser

**Regional management:** 

Mag. Reinhard Baumgartinger

Founded: 1908

**Beds:** 105\*

Employees (heads): 325

Per day	Per year
210	76,526
13	4,575
10	3,828
2	588
	2
	157
1 every two days	151
6	2,199
	210 13 10 2 1 every two days

#### **Areas of care:**

General surgery, internal medicine, acute geriatrics, palliative care, anaesthesia and intensive care, gynaecology and obstetrics, interdisciplinary day clinic, orthopaedics and traumatology, central outpatient department (including wound treatment), specialist practice for radiology; Teaching Hospital of Paracelsus Medical University, Medical University of Vienna and Medical University of Graz

<sup>\*</sup>Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version.



## **Tamsweg State Hospital**



Chief of Staff Dr. Gregor Labus Medical Director



Mag.<sup>a</sup> Andrea Schindler-Perner, MBA Business Director



Martina Moser, Nursing Director



Mag. Reinhard Baumgartinger Regional Director

- Convenient location and graduated structure for the Lungau region
- Focus on short-shaft hip prosthetics
- Day clinic for surgical patients and care for conservatively treated patients
- Aftercare in acute geriatrics as well as remobilisation
- External health providers within the state hospital: specialist surgeries, Salzburg
   Gebietskrankenkasse (Regional health insurance body)

Founded: 1908

Primary care Lungau

General surgery, anaesthesia, gynaecology and obstetrics, Internal medicine, orthopaedics and traumatology

Completely refurbished by 2019







LEHRKRANKENHAUS DER PMU, MED UNI WIEN









## Overview of Hallein State Hospital

## Collegiate leadership

#### **Medical Director:**

Ltd. OÄ Dr. Silvia Reich-Weinberger (interim.)

#### **Business Director:**

Mag. Reinhard Baumgartinger

#### **Director of Nursing:**

Mag. Karl Schwaiger

Founded: 1907

**Beds:** 137\*

Employees (heads): 345

#### Areas of care:

	Per day	Per year
Outpatient rates	126	45,908
Inpatient admissions	16	5,822
Fully inpatients	13	4,577
Day clinic – surgical	3	1,199
Other		46
Births	3	917
Surgical procedures	8	3,085
Number of specialist hospitals: 5		

General surgery, internal medicine, innovative geriatrics, palliative care, anaesthesia and intensive care, Gynaecology and Obstetrics, Radiology, special emphasis on orthopedics & traumatology Teaching Hospital of Paracelsus Medical University and Medical University of Vienna

<sup>\*</sup>Bed status according to the "Regionaler Strukturplan Gesundheit Salzburg 2025" (Salzburg regional structure plan for health 2025), current version.



## Hallein State Hospital



Ltd. OÄ Dr. Silvia Reich-Weinberger Medical Director (interim.)



Mag. Karl Schwaiger Director of Nursing



Mag.
Reinhard Baumgartinger
Commercial Director

- Close location and graduated offer for the Tennengau
- Intense cooperation with the University Hospital Salzburg Performance comparison
- Focus on the area of day clinic

Founded: 1907

Primary care Tennengau

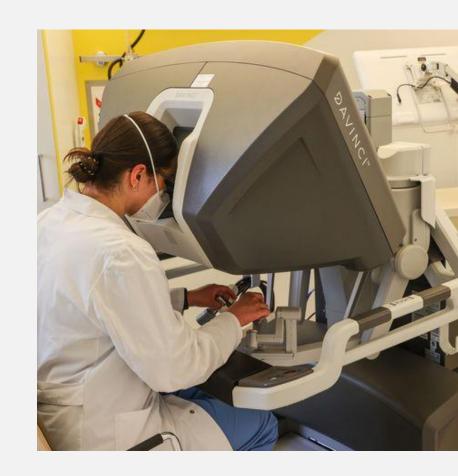
Surgery, anaesthesia, gynaecology and obstetrics, internal medicine, trauma surgery satellite department, radiology





## DaVinci surgical and training robot

- DaVinci robotic-assisted surgery at State Hospital Hallein available for minimallyinvasive procedures
- Teaching console for training young surgeons under the supervision of experienced senior physicians with the ability to intervene
- Specialization: hernia surgery, proctology, outpatient procedures
- Global **network** of robotic surgeons
- First-class healthcare across Salzburg





## FIGURES, DATA, FACTS



## Key figures

SALK total	<b>2020</b>   1-12	<b>2021</b>   1-12	<b>2022</b>   1-12	Diff. 21-22*
Assignable beds	1,701	1,644	1,628	- 1%
Inpatient admissions	70,376	72,590	73,612	1,4%
Completely inpatient admissions	61,242	63,432	64,300	1,4%
Day clinic – surgical	7,680	7,900	8,159	3,3%
Day clinic – chemotherapy*	272	343	242	- 29,4%
Other**	1,182	915	911	- 0,4%
Outpatient rates	1,040,042	1,135,779	1,184,163	4,3%
Days of hospitalisation	447,800	469,618	478,638	1,9%
Ø Length of stay in days (full inpatient cases)	7,1	7,2	7,1	- 0,3%
Σ Employees (full-time equivalents)	5,340	5,416	5,486	1,3%
Σ Employees (heads) as per 31st Dec.	6,576	6,726	6,824	1,5%

<sup>\*</sup> Outpatient cases since 2019: increase from 783 (2018) to 14.341 cases (2019) \*\* Zero-day stays (non-allocable services)



## SALK employees

Usage groups (FTE)	<b>2020</b>   1–12	<b>2021</b>   1–12	<b>2022</b>   1–12
Doctors	946.42	949.58	949.69
Non-medical academics	121.87	127.30	132,31
Midwives	45.35	50.16	48.56
Nurses	1,964.21	1,947.37	1,911.31
Med. Techn. Services	445.42	449,46	455.39
Inpatient support service	432.02	485,36	537.06
of which nursing assistance	123.04	178.01	222.90
Administrative personnel	818.09	833.58	852.29
Operational personnel	420.89	421.58	434.01
Other staff	145.27	152.47	165.37
Σ Employees (full-time equivalents)	5,339.55	5,416.86	5,485.99
Σ Employees (heads) as per 31 Dec.	6,576.00	6,726.00	6,824.00



## Corporate figures

SALK total in € million	<b>2022</b>   1–12
Staffing costs	501.0
Medical expenses	171.3
Non-medical material costs	118.4





## Selected occupational groups by gender (heads)











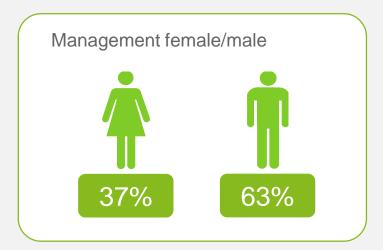
figures 2022



## Employee structure







numbers 2022



#### PURCHASING AND LOGISTICS

## Logistics Management

### Annually

- Approximately 400,000 internal patient transport
   runs (Salzburg General Hospital & Christian Doppler Medical Centre)
- Approx. 320,000 goods transport runs Salzburg (General Hospital & Christian Doppler Medical Centre)
- 2,500 tonnes of waste (all sites, equivalent to a local community of 5,000 inhabitants)
- Approx. 230,000 inbound delivery items (excluding medication and food)
- Approximately 173,000 order items (excluding medicines and food)
- Processing of approx. 90 large to medium-sized procurement procedures





#### SERVICE MANAGEMENT AND HOSPITAL CATERING

Linen supply Salzburg State Hospitals (University Hospital Salzburg, Christian-Doppler-Medical Center and State Hospitals St. Veit, Hallein, Tamsweg)

#### Annually

- Delivery of almost 40,000 laundry containers (2100 tonnes of laundry) and, of course, pick them up.
- Approximately 100,000 pieces of clothing for our employees
- Name-specific clothing for more than 5,500
   employees (excluding OR staff)
- Washing about 5 million pieces of clothing (name-related clothing + area clothing)
- € 4.8 5.0 million annual costs





#### SERVICE MANAGEMENT AND HOSPITAL CATERING

## Challenges of an industrial kitchen

### Preparation of up to 8,000 meals a day:

1,700 breakfasts
Cook & Chill: 3,800 servings of lunch and dinner
Cook & Serve: up to 2,000 servings
(Regional facilities and CDC canteens, bistro, three
regional canteens, kindergartens (two in-house and
external)

### Annual food consumption:

- 350 tonnes of vegetables (corresponds to the consumption of the municipality of Wals-Siezenheim)
   140 tonnes of fruit
   120 tonnes of meat
   28 tonnes of fish
   580,000 litres of soup
   1 million pastries
- Seal of quality "Good to know": fresh meat and fresh eggs from regional production
- Consideration of dietary requirements







# TRENDSETTING CONSTRUCTION MEASURES



#### TRENDSETTING CONSTRUCTION MEASURES





## Car park Campus Salzburg General Hospital

The new multi-storey car park, which was built with an investment volume of 18 million euros, went into partial operation at the beginning of 2015 and enables an almost car-free campus. Full operation since spring 2017 after completion of the entrance to the new laboratory building.

#### Completed 2017



Synergies through the merging of the University Institutes of transfusion medicine, central laboratory including microbiology and pathology. An energy pile plant uses concrete as a storage for heating and cooling. Around 80% of the heating and 40% of the cooling requirements are therefore covered in an environmentally friendly way.



#### Completed 2018

## Interdisciplinary ward University Department of radiotherapy and nuclear medicine

A modern ward station is installed in a crossbeam, 62 metres long, above the existing building. Committed to radiation protection, with beautiful views and built-in medical connections.

#### **Completed 2019**





#### TRENDSETTING CONSTRUCTION MEASURES





#### New building for child and adolescent psychiatry

In the barrier-free new building there is a therapy centre, the restructured outpatient clinic as well as the ward, which has been extended to 30 beds and 10 day-clinic places. The State of Salzburg invested 11.2 million euros.

Completed 2019



#### **Tamsweg State Hospital**

General renovation of around 23 million euros during ongoing operation. A photovoltaic system and wood in the interior are part of the committment to the SALZBURG 2050 climate and energy strategy.

Completed 2019



#### Oncology – new building (Building L)

A sustainable new building solution for oncological care of the Internal Medicine III, which is spread over five different locations, is being developed on the Salzburg General Hospital site, costing approx. 48,5 million euros.

Start of construction in 2023 Planned completion: 2026



#### TRENDSETTING CONSTRUCTION MEASURES





#### Building B with transregional Trauma Centre

Building B will be on a site of around 25.275 m<sup>2</sup> and over seven levels, costing around 417 million euros. Merger of the university clinic for orthopaedics and traumatology with the Emergency Hospital Salzburg UKH (AUVA) to a new trauma centre at the location of the University Hospital Salzburg.

Planned completion: 2033



## Addiction Treatment Center and new parking garage - Campus Christian-Doppler-Medical Center

Due to the construction of the addiction treatment center (Salzburg Wohnbau/Addiction Aid) on the current parking area, the forecourt including the entrance area will be redesigned and a parking garage will be built (parking space management is the same as at the Salzburg General Hospital). Costs approx. 5.8 million euros.

Planned completion: 2024/2025



## Acute care and gerontological psychiatry Christian-Doppler-Medical Center

Planning of a new building for the central psychiatric outpatient department, admission and geriatric psychiatric ward as well as therapy rooms due to excessive overload of the outpatient structure.

Planned completion: 2026





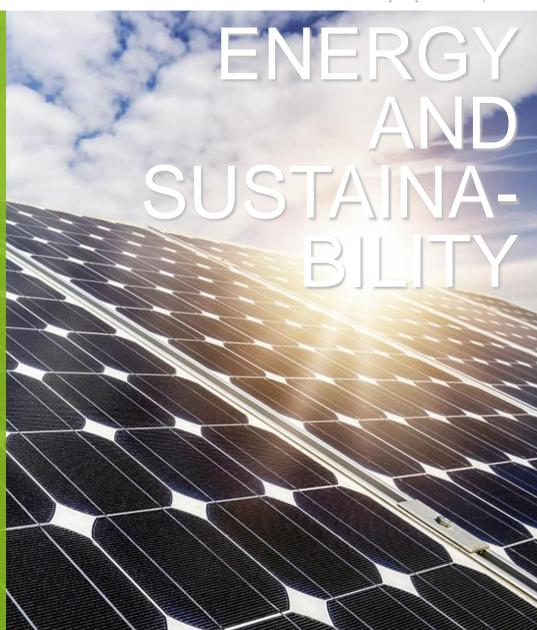
As a partner of the federal state of Salzburg, we are committed to the goals of the **climate and energy strategy SALZBURG 2050**. Cutting-edge medicine is associated with very high energy requirements and since University Hospital Salzburg is the largest company in the federal state of Salzburg, it is also one of the largest energy consumers.

Despite some very old buildings, the consumption of electricity and heat has been reduced by 15 percent per square metre since 2012, regardless of the increase floor area, through various measures.

- Energy optimisation in existing buildings and construction projects
- · Waste heat utilisation and heat recovery
- Optimisation in drive- and lighting technology
- Own power generation by the photovoltaic system on the flat roof of building A, small hydropower plant "Heilmayermühle"
- Mobility management



- Energy Globe Award Salzburg 2020 for E-mobility (E-car sharing)
- E-bikes
- Car-free hospital
- Raising awareness and public relations







### UNIKLINIKUM SALZBURG

# MEDICAL BEACONS UNIVERSITY MEDICINE











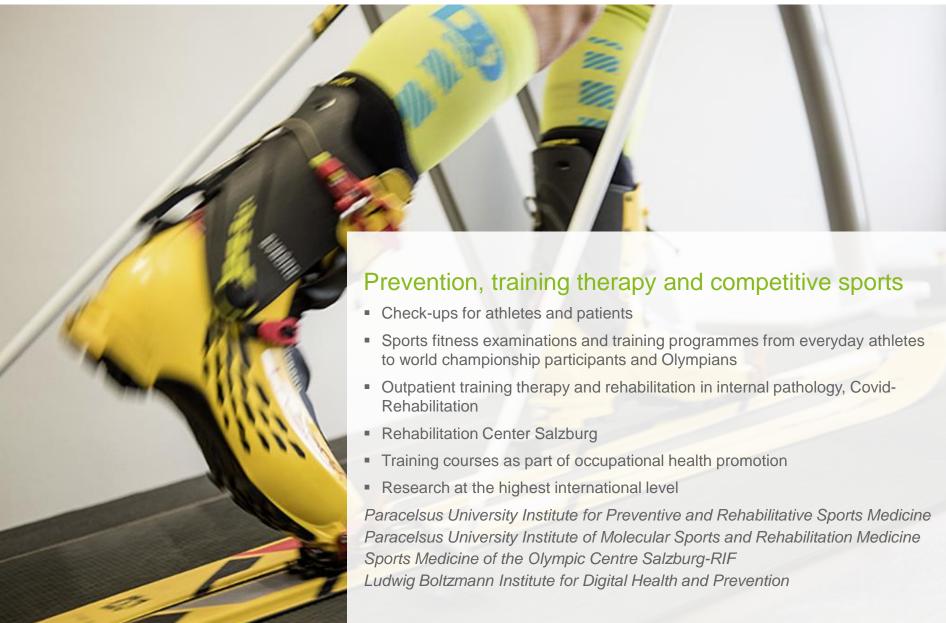
















#### More Medical Beacons

- Study Paracelsus 10,000
  University Department of Internal Medicine I, Geriatrics and Neurology
- Glaucoma micro-implant for ocular pressure regulation
   University Hospital of Ophthalmology
- CT Revolution GE Computed tomography of the latest technical generation
   University Institute of Radiology
- **Neurointervention Robotics** System CorPath GRX of Corindus, *Department of Neuro-Radiology*
- radART-Institut Technologies for High-Precision
   Treatment of Cancer Patients University Clinic for Radiotherapy and Radio-Oncology
- Orphan Diseases Centre for Rare Diseases:
   Mitochondrial Diseases, Congenital Metabolic Diseases,
   (young.hope) etc.
   Department of Pediatrics and Adolescent Medicine,
   Department of Dermatology and Neurology
- Transregional trauma centre with maximum care university clinic for orthopaedics and traumatology
   Geriatric Trauma Center with Department of Geriatrics
- Around 3,618 births in 2022
   Department of Gynaecology and Obstetrics,
   State hospitals Hallein and Tamsweg





### NURSING SERVICE



#### NURSING SERVICE







Salzburg General Hospital, Christian-Doppler-Medical Center FTE care (2022): 2,117.98

Director of Nursing

St. Veit State Hospital

FTE care: 98.54

**Tamsweg State Hospital** 

FTE care: 111.31

Hallein State Hospital

FTE care: 120.54



Director of Nursing Hallein & St. Veit Mag. Karl Schwaiger

Franziska Moser, BA MA



Director of Nursing Tamsweg Martina Moser





TEACHING HOSPITAL OF PMU.
MED UNI VIENNA & MED UNI GRAZ



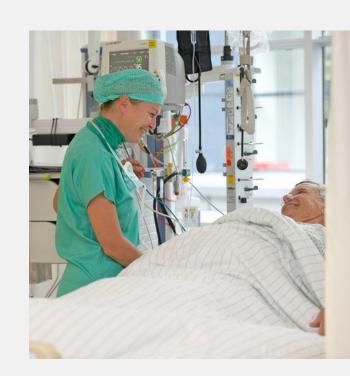




### Nursing employees

At the University Hospital Salzburg and at the St. Veit, Hallein and Tamsweg state hospitals, professional nursing is essential to treat a large number of inpatients and outpatients every year.

- Nursing as a theory-guided practical discipline
- Evidence-based knowledge and standards
- Targeted advanced further education and training based on a career-oriented model
- Quality care through implementation of the current scientific knowledge in practice
- Grade and Skill Mix
- Professional framework GuKG (Austrian Care Allowance Act), MAB law, KAKuG (Federal Hospitals Act)
- Care oriented to the patient's needs







### Professional strategy and projects in the field of nursing

Development of nursing experts (= APN)

Requirement is consecutive master's degree + professional training

- COPD
- Heart failure
- Dementia
- Diabetes
- Oncological care
- Geriatric nursing
- Project dementia/delirium
- Further development of wound-stoma continence management
- LEP integration





### Further education and training

- Education programme <a href="https://www.salk.at/bildung/">https://www.salk.at/bildung/</a>
- Trainee programmes
  - Trainee programme 1 for young professionals
  - Trainee programme 2 for Bachelor's graduates
  - Trainee programme 3 for Master's graduates

#### **Trainee programme 1**

for health and nursing professions (PA, PFA, DGKP) Starts on career entry

#### **Trainee programme 2**

Graduates with Bachelors in health and nursing Nominee participants

#### **Trainee programme 3**

Masters Graduates in health and nursing Nominee participants

Nursing careers model





SALZBURGER LANDESKLINIKEN

### **OUR STRENGTHS**





### Our strengths

- Highly attractive due to university status, close cooperation with the Paracelsus Medical University (PMU), the Paris Lodron University of Salzburg (PLUS), FH Salzburg etc.
- National and international visibility of numerous university clinics, clinical, translational and fundamental research (ophthalmology, neurology, oncology, etc.).
   Member of the European Reference Networks: National centres of expertise for rare skin diseases (EB), rare epilepsies and for malformations of the face and skull (cleft lip and palate and cranofacial, also provided for South Tyrol)
- Competence-based central development of several university clinics and UIs
- Profiled and promoted clinical and academic career models for medical staff and interdisciplinary and interprofessional continued education and training
- Very good connection between university hospital and state hospitals through telemedical connections
- Trendsetter in the use of robotic surgery to increase the quality of treatment
- Digitization (AI, telemedicine, 3D printing, 3D imaging)





### Current challenges

- Consequences of the COVID-19 pandemic
- Increased need for care due to demographic change and medical progress with a simultaneous skills shortage and a persistent situation of few extramural healthcare facilities
- High and growing burden on emergency outpatient departments with non-acute patients ("self-referrers")
- Problems of domestic guest patients missing view of the performance principle
- Strong increases in personnel and material costs due to high inflation and delivery difficulties
- Medication costs for e.g. IVOM therapy, oncological and rare diseases without involvement of social security
- Decision to relocate the AUVA Emergency Hospital Salzburg to form a trauma centre in one location
- Framework conditions and interpretation of the Working Hours Act (observance of rest period)



#### SALZBURG GENERAL HOSPITAL

### Project start Haus B Restructuring of Haus A

Together, the state of Salzburg, the SALK and the AUVA are creating a new dimension of patient care for Salzburg.

- Interdisciplinary and inter-hospital cooperation due to geographical proximity of all departments of the Paracelsus University Hospital Salzburg
- Pooling of expertise and resources in one place

#### Trauma centre in House B

Modern accident management needs modern structures: through merging the Department of Orthopedics and Traumatology with the Emergency Hospital (AUVA) to form a new trauma centre at the University Hospital of Salzburg.

- Araound 25,275 m<sup>2</sup> and seven levels in the immediate vicinity of House A
- Investment volume around 417 million euros.
- Planned completion 2033
- oral and maxillofacial surgery, ENT, internal medicine 1; anaesthesia/intensive care unit
- 340 inpatient beds, one outpatient clinic, one day hospital and central emergency room

#### **House A restructuring ("Surgery West")**

Surgery, cardiovascular surgery, urology; anaesthesia/intensive care unit











# Responsibility begins and does not end at the hospital entrance...

- Admission and discharge management
- Pediatric Neuro Rehab Centre reKIZ
- Participation in rehab facilities
  - Rehaklinik Sonnberg, St. Veit im Pongau, with pro mente rehab
  - Neurological Rehabilitation NeuroCare, Salzburg, with Humanocare
  - Rehab. Center Salzburg, with Humanocare
  - Oncological rehabilitation, St. Veit im Pongau, with Vamed
  - Children's rehab Leuwaldhof, St. Veit im Pongau, with Vamed
- Participation in nursing clinic
  - Gunther Ladurner Care Centre, Salzburg, for residents with severe neurological diseases, with Humanocare







### Rehab and Nursing Facilities







Neurocare Rehabilitation Clinic Salzburg Campus CDK, 29 beds

**ONKOLOGISCHE** REHABILITATION





Rehab Centre Salzburg Campus Salzburg General Hospital





**Pediatric Neuro Rehab Centre** reKIZ, Campus Salzburg General Hospital, 10 beds





Günther Ladurner Nursing centre, Salzburg Campus CDK, 88 beds









**Oncological Rehab Center** St. Veit, 120 beds



Leuwaldhof Children and Youth Rehab St. Veit, 82 beds



Psychiatric Rehab St. Veit, 49 beds





### History

1692	Construction of the Salzburg General Hospital under baroque master builder Johann Bernhard Fischer von Erlach. Foundation by Prince Archbishop Johann Ernst Graf Thun	1908	Opening of the Kaiser Franz Josef Jubilee Hospital in Tamsweg
		1912/13	Foundation of the state hospital in St. Veit/Pongau as Pulmonary Health Resort Grafenhof
1695	Opening of the building wing for men		
1703/04	Inauguration of the church and opening of the eastern building wing for women	1973	Opening of the general public hospital in the city of Hallein at its the present location
1754	Establishment of the pharmacy	2003	Paracelsus Medical University begins teaching, SALK partner and training centre for clinic and research
1898	Opening of the state mental hospital for mentally ill and neuropathic patients at the present site of the Christian-Doppler Medical Center		
		1/1/2004	Gemeinnützige Salzburger Landeskliniken Betriebsgesellschaft mbH (SALK) (Salzburg General Hospital, Christian-Doppler Medical Center, St. Veit, Institute of Sports Medicine)
1899	Opening of the Archduchess Marie Valerie of Austria Children's Hospital		
Turn of the 20th century		4/4/2046	Tomourog State Hoonital on part of SALV
	Asepsis and narcosis, new departments such as ophthalmic and gynaecological clinic	1/1/2016	Tamsweg State Hospital as part of SALK, Teaching Hospital of PMU
1907	A public hospital is formed in Hallein	1/1/2017	Hallein State Hospital as part of SALK, Teaching Hospital of PMU





# Thank you for your attention!

