

# Södersjukhuset

## Stockholm South General Hospital

Stockholm Talent day  
Digital Futures 20231020

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# Facts about Södersjukhuset

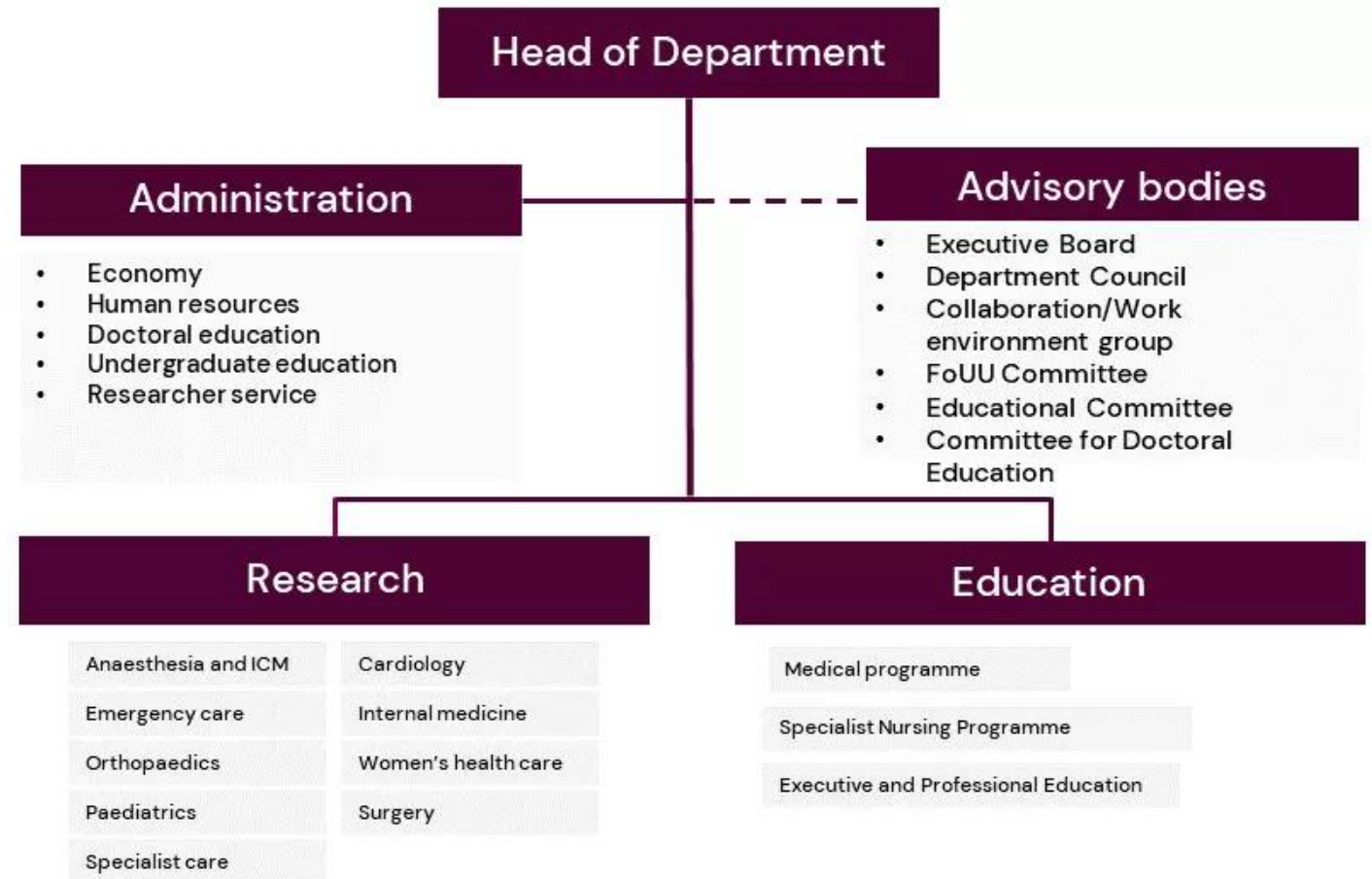
One of the largest acute care hospital in the Nordics,  
founded in 1944. Södersjukhuset in numbers (2021):

- 4 679 employess
- 562 beds
- 6 259 deliveries / childbirths
- 95 395 Emergency Deparment contacts  
30 748 contacts at Sachsska childrens ED
- 572 955 outpatient contacts
- 48 618 adminssions
- Turnover 6,3 billion kronor



# Department of Clinical Science and Education, Södersjukhuset, part of Karolinska Institutet

The department has approximately 50 employees, whereof 7 professors, 100 PhD student and 140 affiliated researchers.



# Challenges to Healthcare

## Changing demographics

People are living longer, and staying healthier longer. In 10 years number of people aged > 80% set to increase by 60%. Working age group slower increase.

## Slim margins in system

Healthcare already operating at maximum capacity, long waiting times in healthcare system.

## Decreasing budget

Healthcare need/spend is increasing faster than budget. Healthcare system already under enormous pressure to decrease costs.

## More expensive care

Trend towards precision medicine, more expensive diagnostics and treatments. Personalized medicine, genomics et c.

## Increasing administration

Increase demands on administration in healthcare: patient safety, GDPR, studies et c.

## Increasing expectations

Expectation from both patients and employees on improved technology, better access, latest treatments and diagnostics.

## Lack of personnel

Competition for best talent, not enough nurses/clinicians being educated, "wage wars"



**SÖS**

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# Country's Leading Emergency Hospital 2030

Being the country's leading emergency hospital means that we are defining ourselves as the standard setters in the region with our four prioritized strategic areas.

- Sustainable for patients, employees, and the community
- Care with participation and accessibility
- Research and education in common diseases and acute injuries
- Cooperation based on patient needs

## Landets ledande akutsjukhus 2030

Att vara landets ledande akutsjukhus innebär att vi profilerat oss som normsättande i regionen inom våra fyra prioriterade strategiområden.

**Hållbart för patienter, medarbetare och samhälle**  
Södersjukhuset bidrar till god miljö och hälsa för medarbetare och medmänniskor och vi har en ekonomi som möjliggör utveckling.

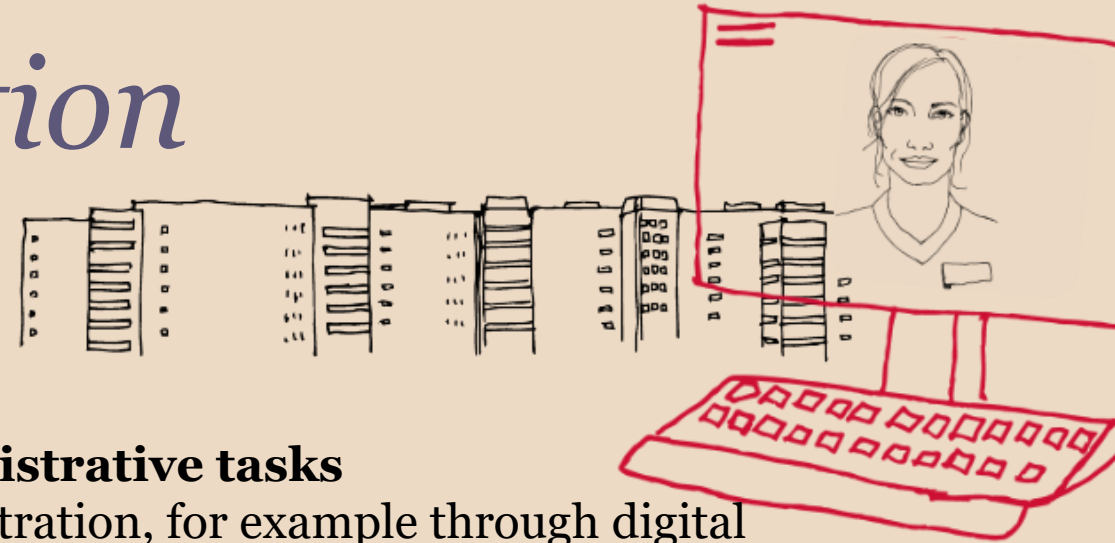
**Framtidens vård med delaktighet och tillgänglighet**  
Södersjukhusets patienter är en del av vårdteamet, deltar aktivt i sin vård och känner sig trygga att använda anpassade digitala lösningar.

**Forskning och utbildning inom folksjukdomar och akuta skador**  
Södersjukhuset är regionens profilerade sjukhus avseende forskning, utveckling, utbildning och snabb tillämpning av forskningsresultat inom de stora folksjukdomarna och akuta skador.

**Samverkan utifrån patientens behov**  
Södersjukhuset har en proaktiv samverkanskultur i nära kontakt med patienten och andra vårdgivare för sömlösa patientflöden regionalt och nationellt.



# *Leading in digitalization*



## **More time for patient work and less time for administrative tasks**

By simplifying and automating documentation and administration, for example through digital employees

## **Our patients must be involved in and be empowered to influence their care**

Through digital patient tools and task switching, for increased patient involvement and patient influence.

## **Our care environment must always support that it is correct, safe and of high quality**

Through decision support and process support built into the workflow - easy to do right.

## **Best at making the most of the opportunities of digitization**

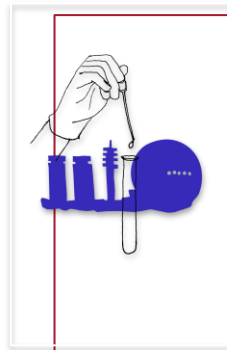
By digitizing processes, work steps and documentation

# Roadmap for digitalization 2023-2024



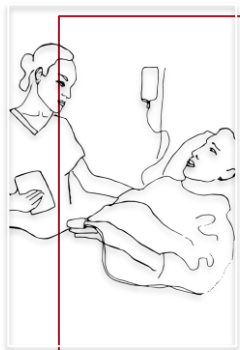
## Services that make everyday life easier for our patients

- Implementation Video meetings (digital care)
- Introduction of e-letter for appointment
- Introduction of Speech Recognition
- Introduction of Digital signature
- Patient driven Check-in and payment
- Patient-specific rebooking and cancellation



## Increased quality in care

- Centralization and management of drug labels
- Introduction of medicine vending machines, rare medicines
- Patient questionnaires/web forms, PROM & PREM



## Increased efficiency in our processes

- Automation, RPA Center of Excellence
- Introduction of a new record system for intensive care
- Remote monitoring and configuration of infusion pumps
- NEWS-devices, automatic transmission of vital parameters
- Patient monitoring, automatic transfer to record system



## Increased ability for insights, analysis

- Introduction of common tool for production planning

# Future of role of healthcare?

*Where are we heading? Some ideas...*

- **Full automation and AI-assistants** – sensor technology such as ambient listening, real-time video analysis, wearables will collect and interpret all actions, automatically documenting care, and assisting clinicians with medical advice in situ
- **Patient empowerment & all-knowing AI-doctors** – access to all healthcare data including through wearables, combined and compared to peers for outcome analysis, and personalised healthcare treatments devised from analysis of all medical knowledge = patients with more information than healthcare





# Thank you!



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