ably
We place nurses at the center, so they can place patients first.

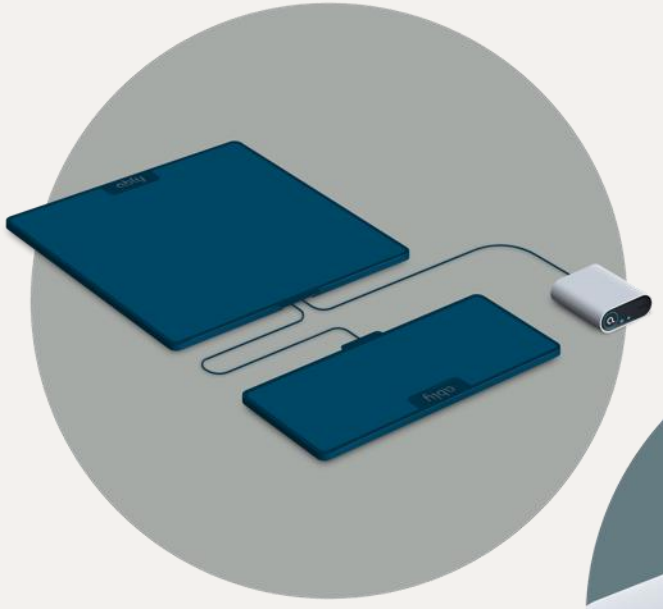
LYNG systemet

Hvordan virker det?

Du finder filmen på YouTube

YouTube

1/1 E
Men der findes en løsning, der kan gøre hverdagen for plejepersonalet lettere



No-touch monitoring

High accuracy vitals, movement tracking and fall prevention

Connectivity hub

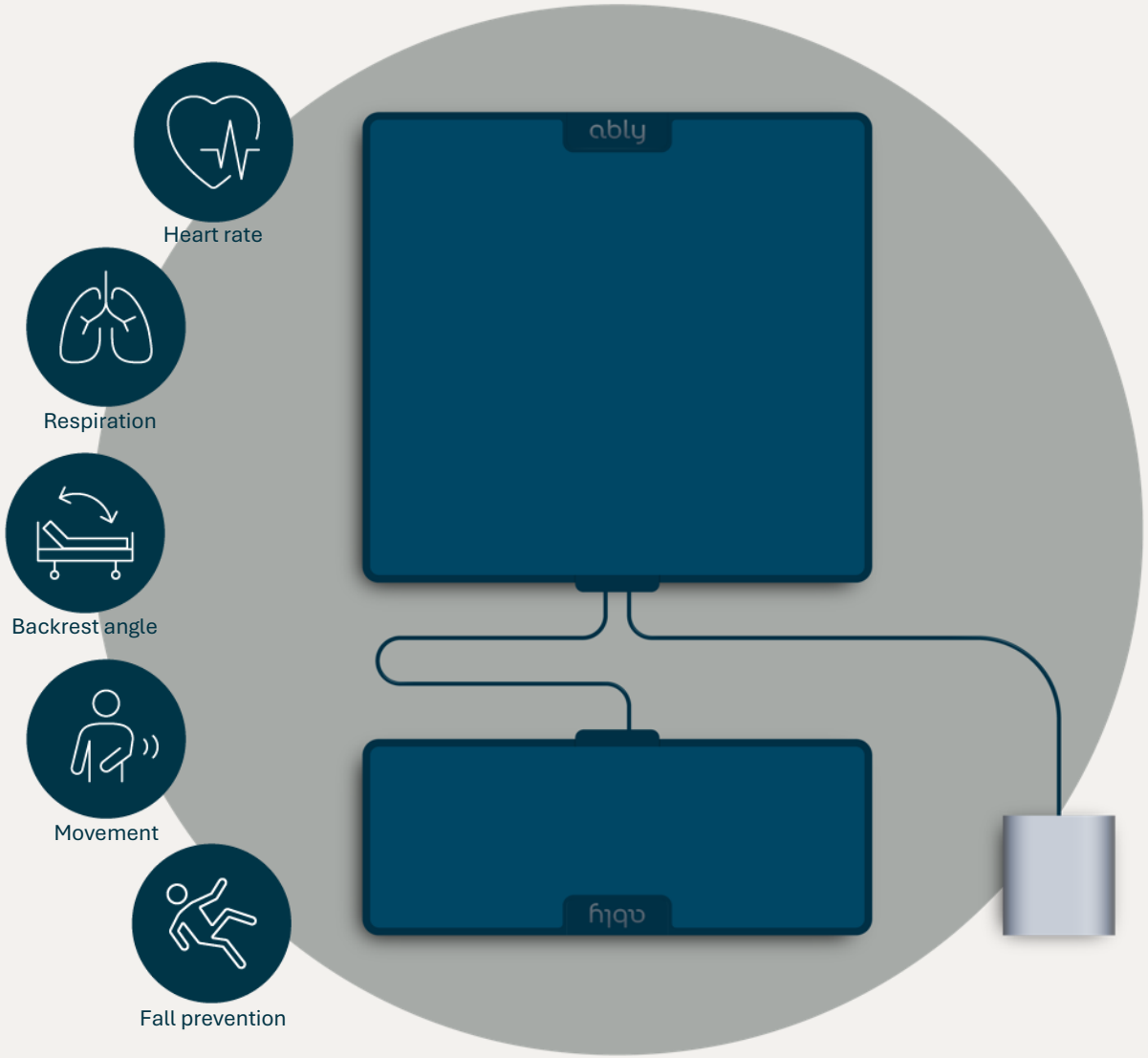
Powers connectivity in every environment – for your own and Ably devices

Oversight & Documentation

Patient dashboard & analytics

Wearables Selection

Customizable assortment of wearables



No-touch Monitoring

Reliable patient data collection
in every position ensured through large surface mats.

Upgrade standard bed to a smart bed
by simple integration of Lyng Mat and Lyng Hub.

Continuous measurements
of heart rate, respiration, motion, fall ala

Non-contact and non- obtrusive
measurements. Lyng Mats are placed underneath the mattress.rm, bed shape.

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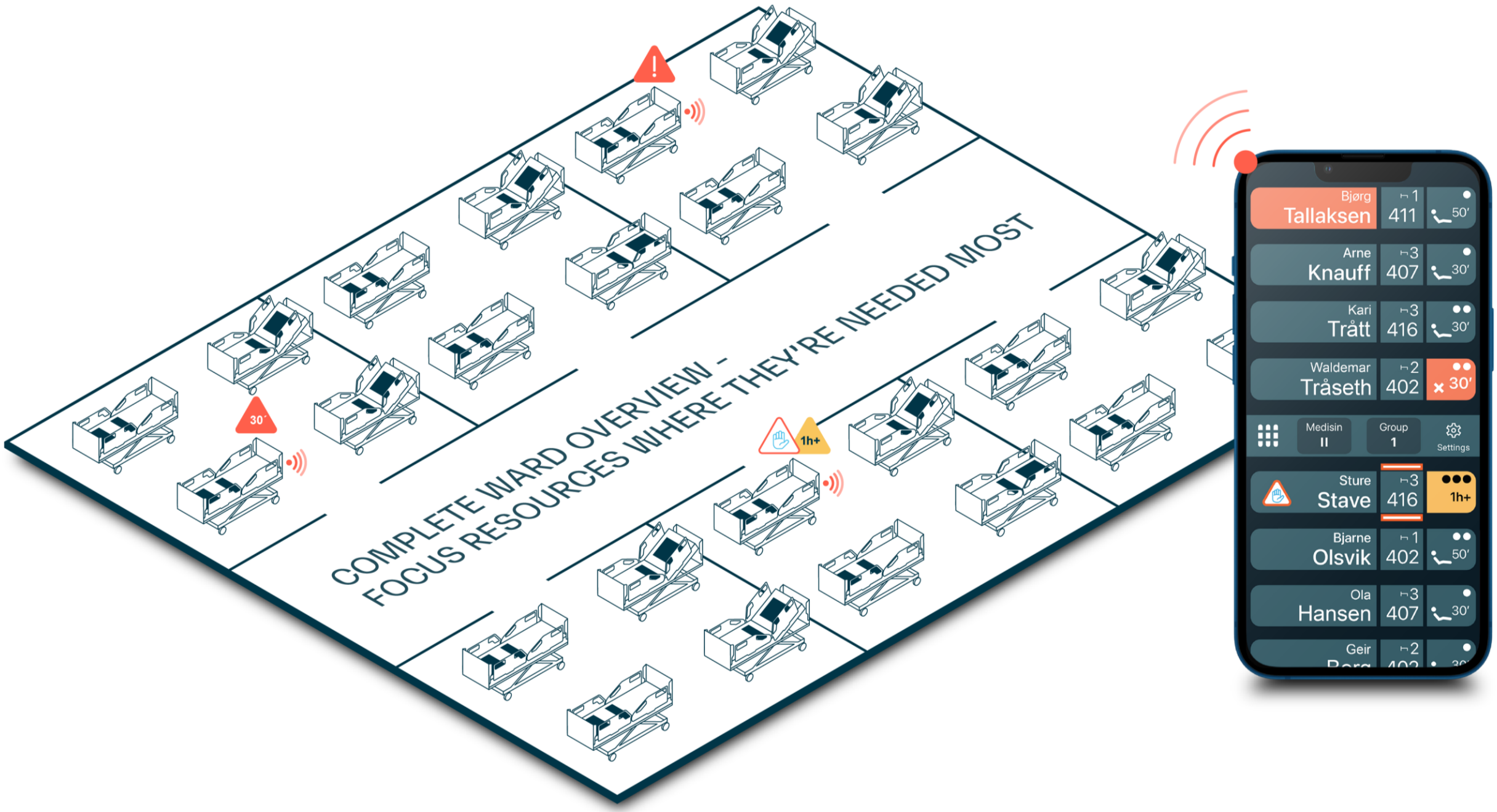

COMPLETE WARD OVERVIEW -
FOCUS RESOURCES WHERE THEY'RE NEEDED MOST
30'
1h+
Bjørg Tallaksen
1
411
50'
Arne Knauff
3
407
30'
Kari Trått
3
416
30'
Waldemar Tråseth
2
402
30'
Medisin II
Group 1
Settings
Sture Stave
3
416
1h+
Bjarne Olsvik
1
402
50'
Ola Hansen
3
407
30'
Geir
2

Thursday 30.11.24
08:06:25
AkutGer _ Group 1
Dr. Sharam Tabrizi
Patient List
Patient Cards
Admin Panel
Ward View
System Settings
Search
Custom
2 days
24h
12h
9h
1h
Room
Patient Name
Bed exit
Weight
Position
Decubitus
20:06
Motion
08:06
20:06
Positions
08:06
20:06
08:06
20:06
08:06
414 T F
Kari Olsen-Hansen
Not allowed
+0,15 Kg
125,5
0:03
Pre-Warning
OFF
Time left
02:00
412 T F
Bjarne Myhren
Not allowed
Kg 85,15 85,20 85,25
0:26
Pre-Warning
00:00
Time left
-00:02
Patients require attention
404 T F
Esther Wolden
Nicht Erlaubt
-0,35 Kg
42,2
1:32
Pre-Warning
24:06
Time left
00:24
411 T F
Finn Bjerkestrand
Allowed
+0,20 Kg
75,5
30°
0:36
Pre-Warning
30:00
Time left
01:34
408 T M F
Torvald Magnusson
Erlaubt
-0,10 Kg
65,4
0:31
Pre-Warning
30:00
Time left
00:34
406 T F
Beate Børst
Erlaubt
+0,45 Kg
92,2
2,42
Pre-Warning
20:00
Time left
02:00
414 T F
Frida Kalho
Erlaubt
-0,05 Kg
75,5
30°
0:26
Pre-Warning
30:00
Time left
00:54
413 T F
Karl-Fredrik Børstemark.
Erlaubt
+0,10 Kg
65,4
30°
0:46
Pre-Warning
30:00
Time left
00:38
408 T M F
Torvald Magnusson
Erlaubt
-0,10 Kg
65,4
0:28
Pre-Warning
30:00
Time left
00:34
L
R

Medisin 1 Esther Wolden

1h 5m 1m

007 T M F

Erling Femrite

Allowed

kg - -

Back

Motion

L R

Position

30°

Heart rate

131 /min
91 /min
50 /min
35 /min

Respiration rate

25 /min
21 /min
11 /min
8 /min

Wednesday 10/09/2025 **09:22**

Medisin 1 — Esther Wolden

Users | Wards | Rooms | Logout | Search

Custom | 24h | 9h | 1h | 5m | 1m

Room	Name	Bed exit	Weight	Position	Decubitus	00:22:47 Motion 09:22:45	00:22:47 Position 09:22:45	00:22:47 09:22:45	00:22:47 09:22:45
008 T F	Audun Haagen	Allowed	kg - –	23:26	Pre-warning 30:00 Time left 0:00 1	L R	30°	131 91 50 40 /min, 49	25 21 11 8 /min

Patients requires attention

Room	Name	Bed exit	Weight	Position	Decubitus	Motion	Position		
007 T M F	Tommy Devold	Allowed	kg - –	⚠		L R	30°	131 91 50 40 /min	25 21 11 8 /min
007 T M F	Erling Femrite	Allowed	kg - –	⚠		L R	30°	131 91 50 35 /min	25 21 11 8 /min
006 T	Jon Huseby	Allowed	kg - –	⚠		L R	30°	131 91 50 40 /min	25 21 11 8 /min
008 T F	Ivar Lade	Allowed	kg - –	⚠		L R	30°	131 91 50 40 /min	25 21 11 8 /min
007 T M	Halvard Lorentzen	Allowed	kg - –	⚠		L R	30°	131 91 50 /min	25 21 11 /min

Overview

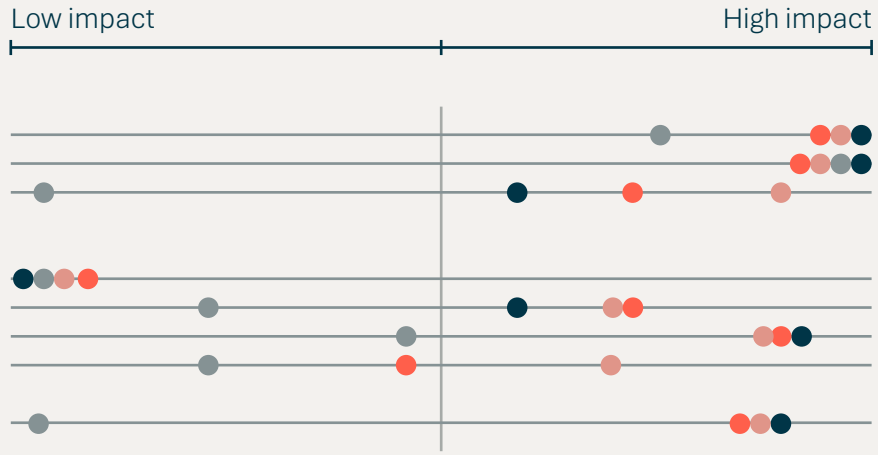
+ Entire ward at one glance
+ Possible to highlight and show details for each patient
+ Incoming and dismissed patients are shown
+ Use of dynamic effects to highlight important events

Gevinster

Hvilken værdi bringer vi

- Work Time and money Savings
- Patient comfort/Patient satisfaction
- Enhanced medical quality
- Reduce physical and mental stress

Dashboard Functions (real-time monitoring - alert, documentation & analytics)

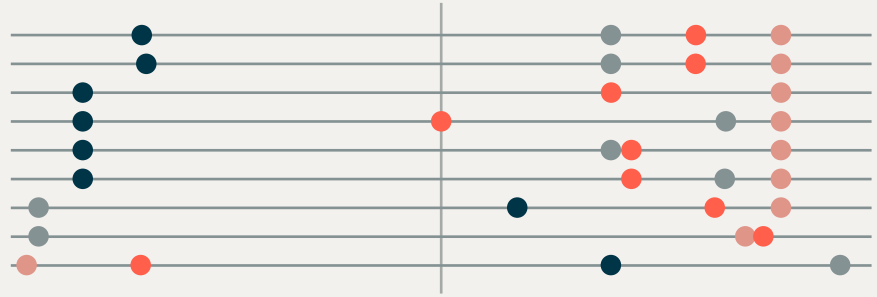


Data Collection:
Vital signs (Heart rate, Respiration rate, Blood pressure, Temperature, SPO2)
Weight
Bed Exits

Analytics:
Early Warning Score (NEWS)
Fall Prevention
Mobility (relevant at Geriatry only)
Agitation

Automated documentation

Effects



Early detection of adverse events & acute cardiovascular complications
Early detection patient condition
Reduction patient falls
Reduction ICU transfers
Improvement of accurate medical decision making
Precise medication
Increase of legal protection
Optimized process redesign
Reduction length of stay

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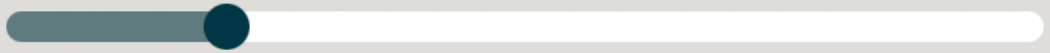
Betydelige tidsbesparelser

Antal senge på din institution:

20



Time saved on collecting vitals

Shift	2h 40m
Day	5h 20m
Week	37h 20m

Time saved on documenting mobility

Shift	1h
Day	2h
Week	14h

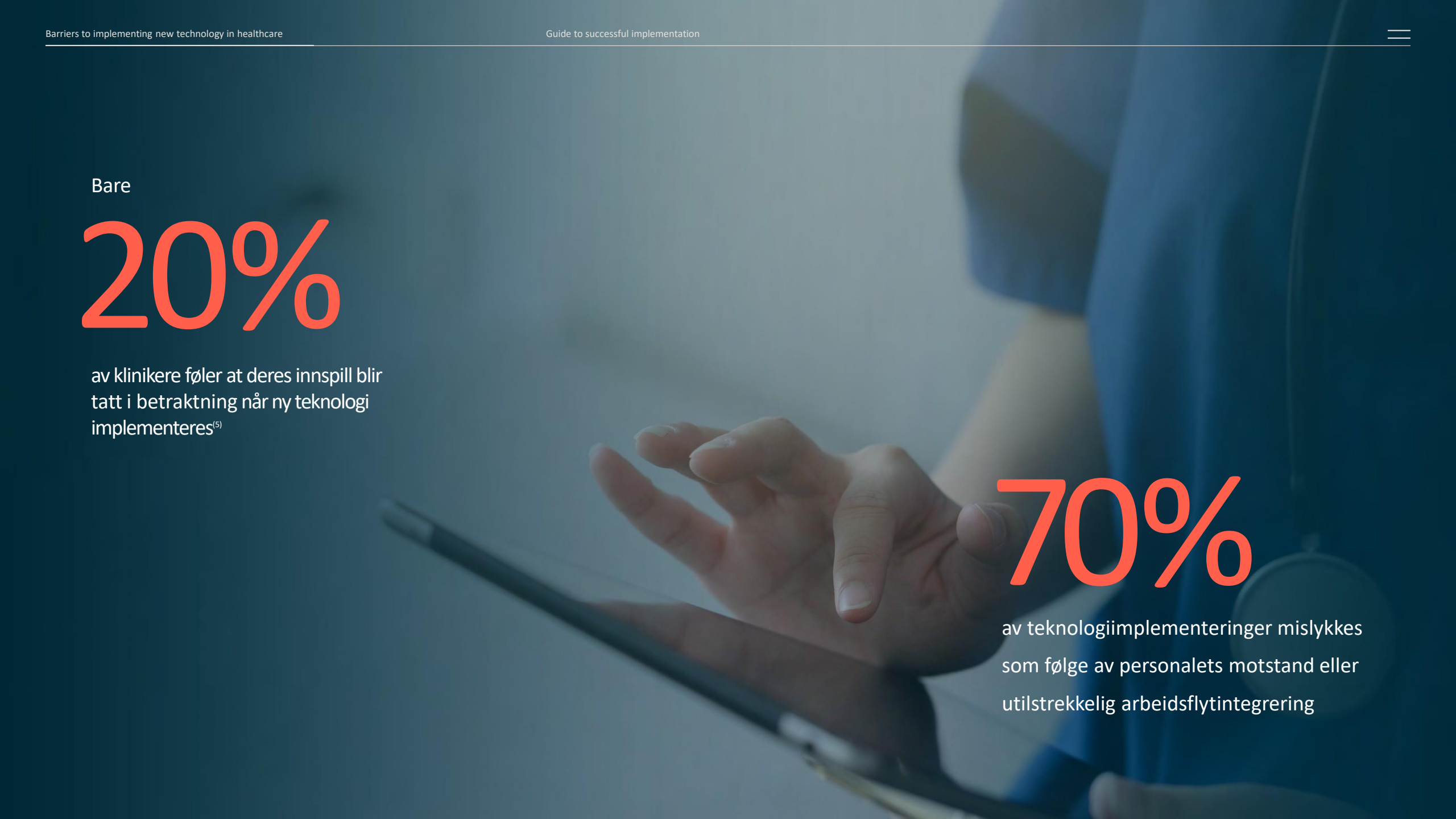
Beregningerne er baseret på pilotprojekter fra to tyske sundhedsinstitutioner og følger disse rutiner:

- Vitale parametre registreres én gang pr. vagt (2 vagter pr. dag) – det tager 8 minutter pr. patient.
- Bevægelse dokumenteres én gang pr. vagt – det tager 3 minutter pr. patient.

Tjek dine potentielle tidsbesparelser her:
https://ablymed.com/calculate-your-potential-savings

Helt klare besparelser

Your preferred currency:	DKK
Average hourly nursing cost in your ward:	300
Monthly value of redirected care time:	61.600
Annual value of enhanced nursing care:	739.200



Bare

20%

av klinikere føler at deres innspill blir tatt i betraktning når ny teknologi implementeres[5]

70%

av teknologiimplementeringer mislykkes som følge av personalets motstand eller utilstrekkelig arbeidsflytintegrering

Less frustration, more care:
Your guide to smart tech adoption in healthcare

ably

ablymed.com

LYNG Software (HR&RR)
Klasse IIa CE-merke
Q12026

LYNG Mats + OnLogic
LVD CE-merke
Juni 2025

LYNG Mats + Hub
Klasse I CE-merke
Q1 2026

UI / App
Klasse IIa CE-merke
Q4 2026

Tidslinje

Tid

Funksjonalitet

LYNG One

Features:
- Bevegelse
- Hjerterytme og respirasjonsrate "ikke for klinisk bruk"
- Perfekt for utprøving

Features:
- Bevegelse
- Hjerterytme og respirasjonsrate

LYNG OEM + Ably App

Vekt, i/ut av seng, fall forebygging, bevegelse

+ Hjerterytme og respirasjonsrate

Allerede CE-merket (klasse I)

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MDR classification Roadmap

IT security & data hosting one-pager (Microsoft Azure, EU-compliant)

We align our practices with internationally recognized standards, including ISO 81001 (Health Software and Health IT Systems Safety) and ISO/IEC 27001 (Information Security, Cybersecurity, and Privacy Protection).

While we are not yet certified under these standards, we actively follow their principles and embed them into our development, operations, and data protection routines.

Achieving formal certification is part of our roadmap, and we are working towards it as we continue to scale.

Our solution also fully complies with the EU's General Data Protection Regulation (GDPR), ensuring that patient data is handled in a lawful, transparent, and secure manner.

The core of our platform is built on Microsoft Azure, a trusted and highly secure cloud infrastructure. Azure provides complete control over data residency—for example, data from German patients is stored and processed exclusively within Germany, with no cross-border transfers unless explicitly authorized and in compliance with applicable laws.

For hospitals with stricter data control policies, we offer the option to deploy all services locally on dedicated servers within the hospital's data center. This setup ensures that sensitive data remains entirely on-site.

We're mindful of the responsibility that comes with handling patient-related data. As we grow, we continually explore ways to strengthen data protection and ensure that sensitive information is handled carefully and in accordance with best practices.

Integration and Interoperability

Our system offers flexible deployment options tailored to the hospital's existing IT infrastructure:

Standalone	Standards-Based Integration	Custom Integration
Island setup	**FHIR-based**	**Legacy adaptable**
No dependencies on HIS	Open FHIR API → any modern HIS	Works with e.g. Dedalus, Nexus
Ideal for outdated/closed setups	Fast & scalable with modern infrastructures	Browser embeds, HTML windows, custom APIs

ably

Economy, resources, and studies

We don’t charge for tests, trials, and pilot projects.
Instead, we view them as a shared investment - an opportunity to build trust, tailor our solution to your organization's real-world needs, and explore future collaboration opportunities.

At the very least, we’d love to have a dedicated project lead from your side - someone we can work closely with throughout the pilot.

We never underestimate the importance of onboarding.
Our process is thorough, hands-on, and built around listening. We ensure everyone feels included, well-prepared, and confident before going live.

In our experience, a great start is key to long-term success.

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