

# PERSON-CENTERED AND INTEGRATED CARE FOR PATIENTS WITH COMPLEX NEEDS

—

## A NORWEGIAN CASE ON HOW TO MOVE FROM CONCEPT TO NEW EVIDENCE BASED HEALTH CARE SERVICE

30.MAY 2024

AKERSHUS UNIVERSITY HOSPITAL  
NORWAY

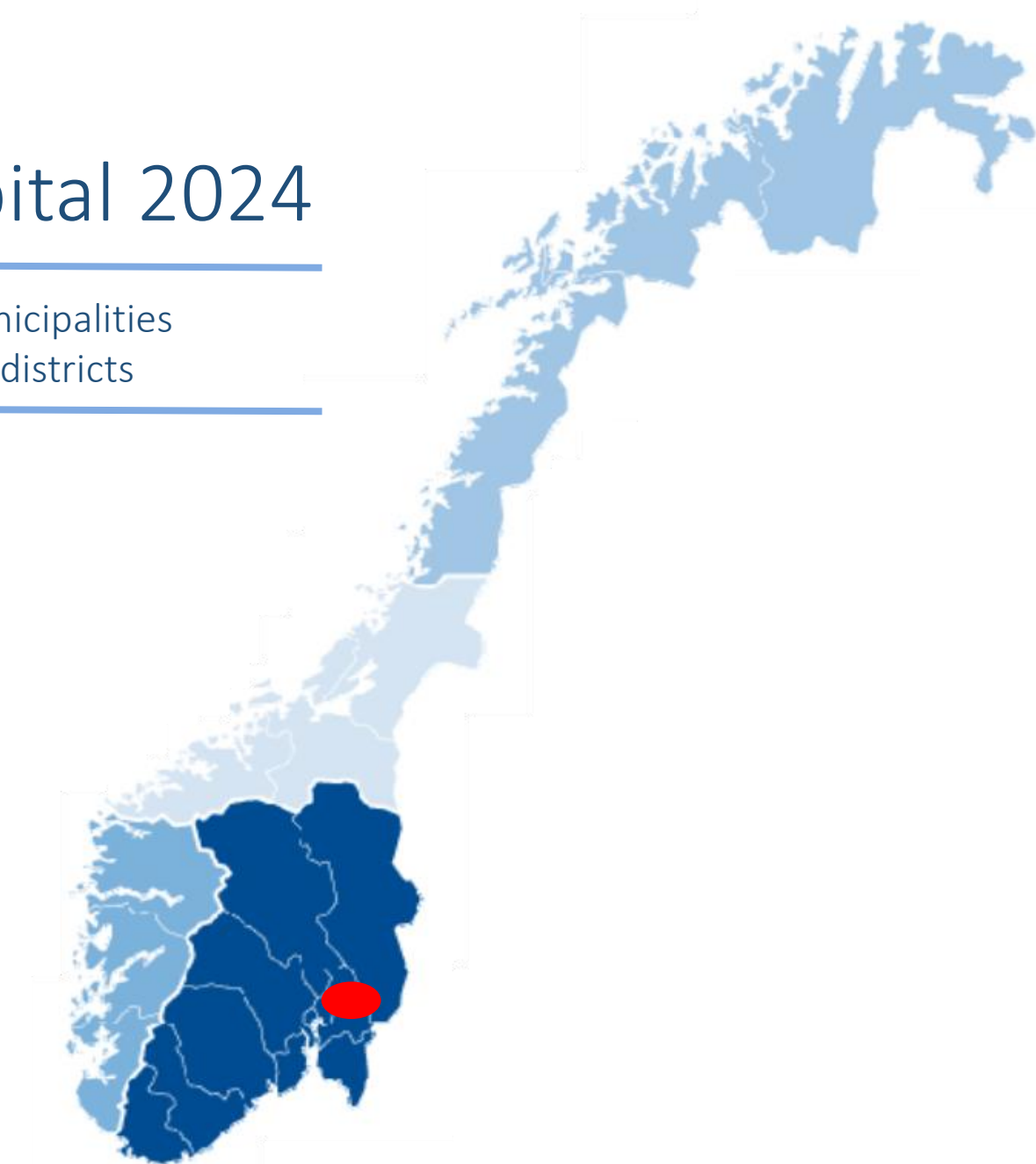
Olav Lenvik

Bendik Hegna

# Akershus University Hospital 2024

Catchment area: 618.000

21 municipalities  
3 Oslo districts



## Local area hospital

- from birth to end-of-life care
- local area functions, acute and elective
- the country's largest emergency hospital

University hospital with significant research and educational activity.

**309**  
beds

Mental Health and  
Substance Abuse

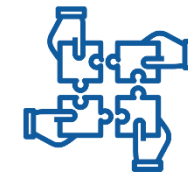
**837**  
beds

Somatic

**12 000**  
employees



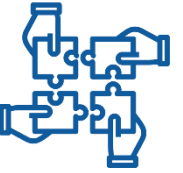
# BACKGROUND



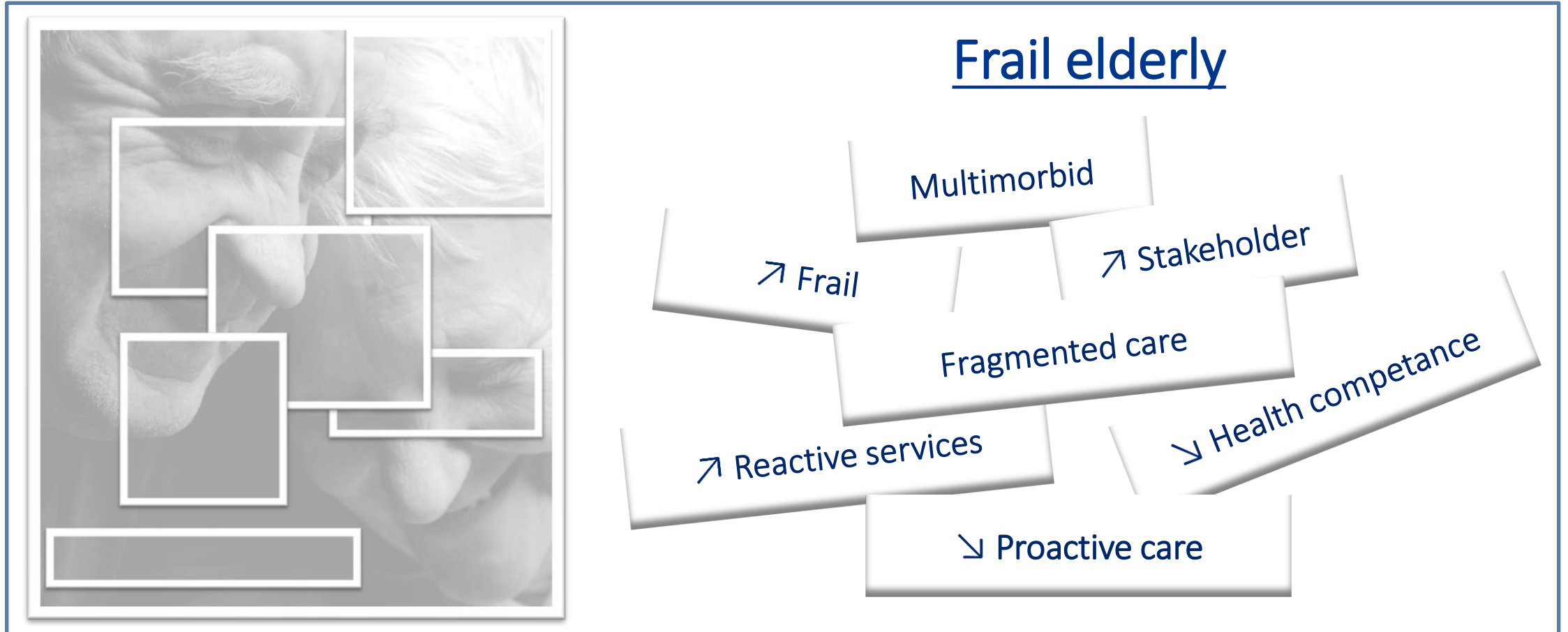
Collaboration on vulnerable patients is an initiative that is addressed in several strategies:

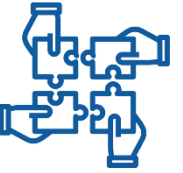
- National Health and Hospital Plan 2020-2023
- Regional and Local Development Plan 2040
- Plan for the local Health Community 2023-2026



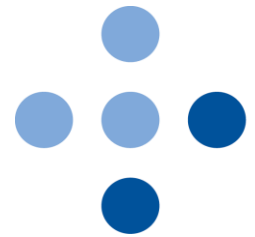


# CHARACTERISTICS





# PROJECT PARTNERS



# AKERSHUS UNIVERSITY HOSPITAL

5 municipalities



Lillestrøm  
kommune



**Nordre Follo**  
kommune



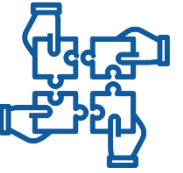
**ULLESAKER**  
KOMMUNE



**NES**  
KOMMUNE



**KONGSVINGER**  
KOMMUNE



# PURPOSE

Improve quality of life and healthcare for frail elderly with complex needs and a high consumption of healthcare services



↗ Person-centered

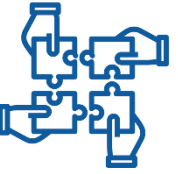
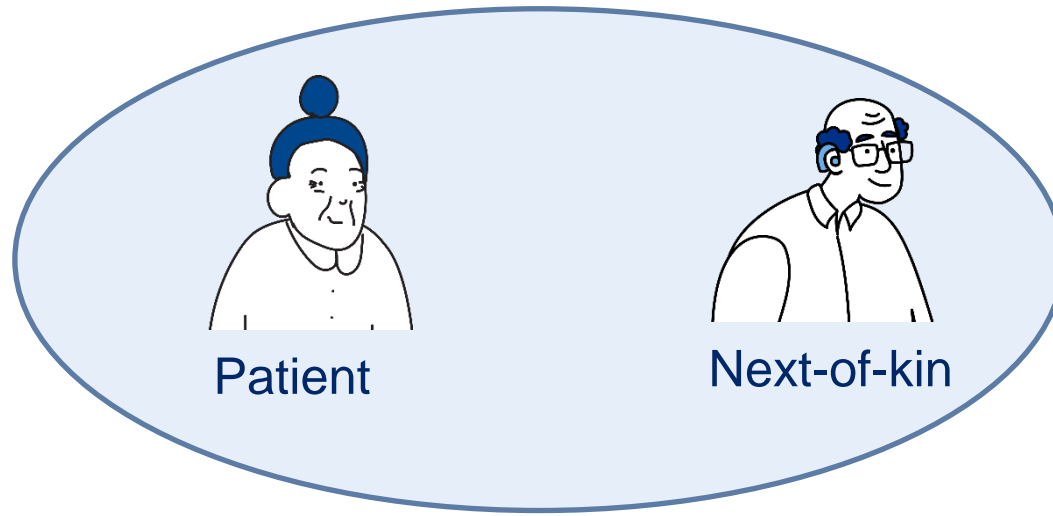


↗ Integrated



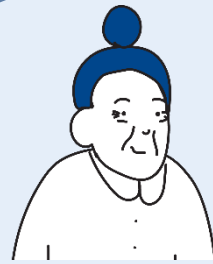
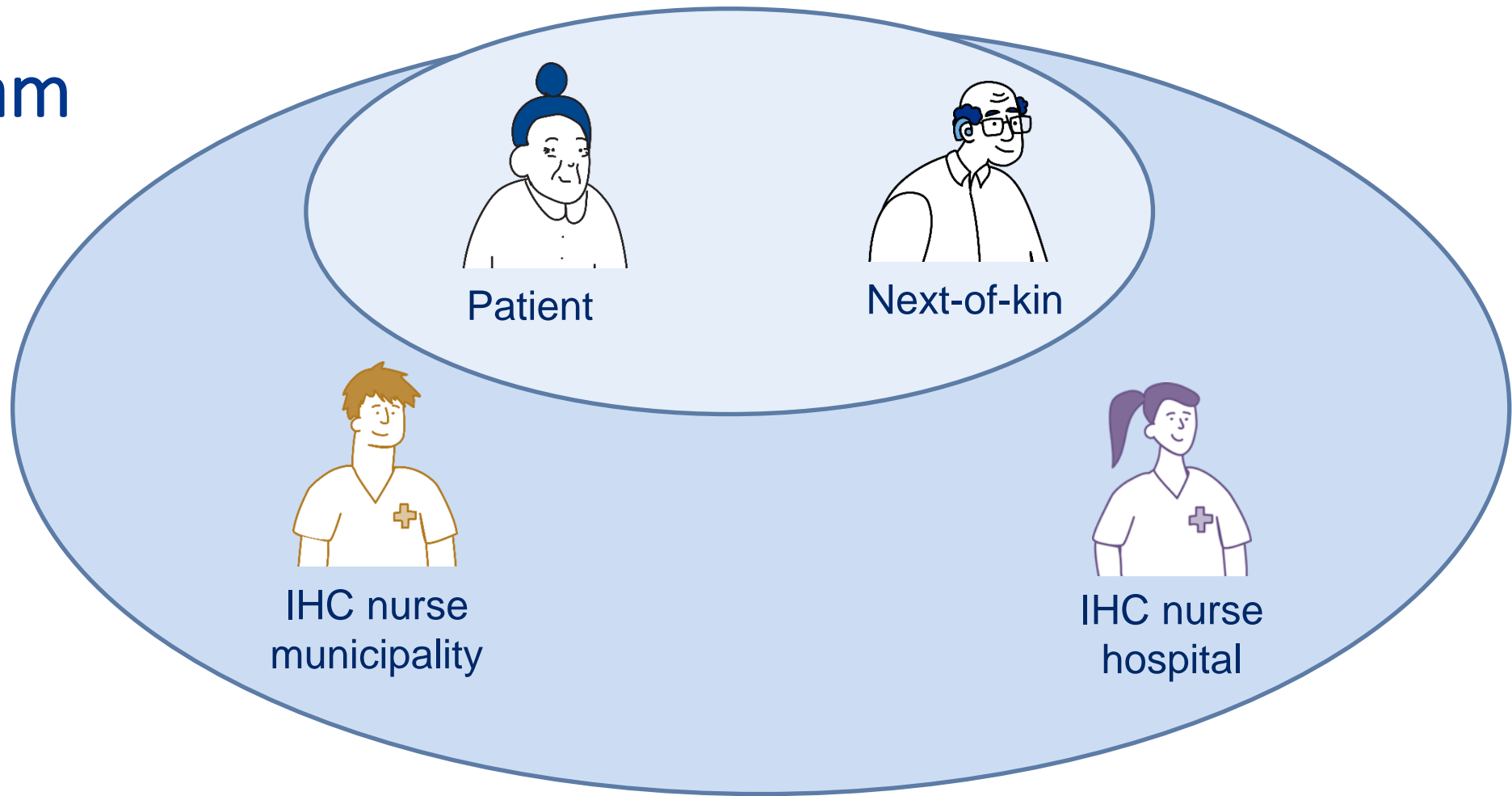
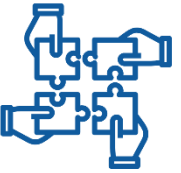
↘ Costs

# IHC team





# IHC team



Patient



Next-of-kin

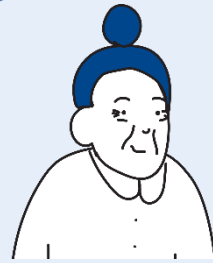
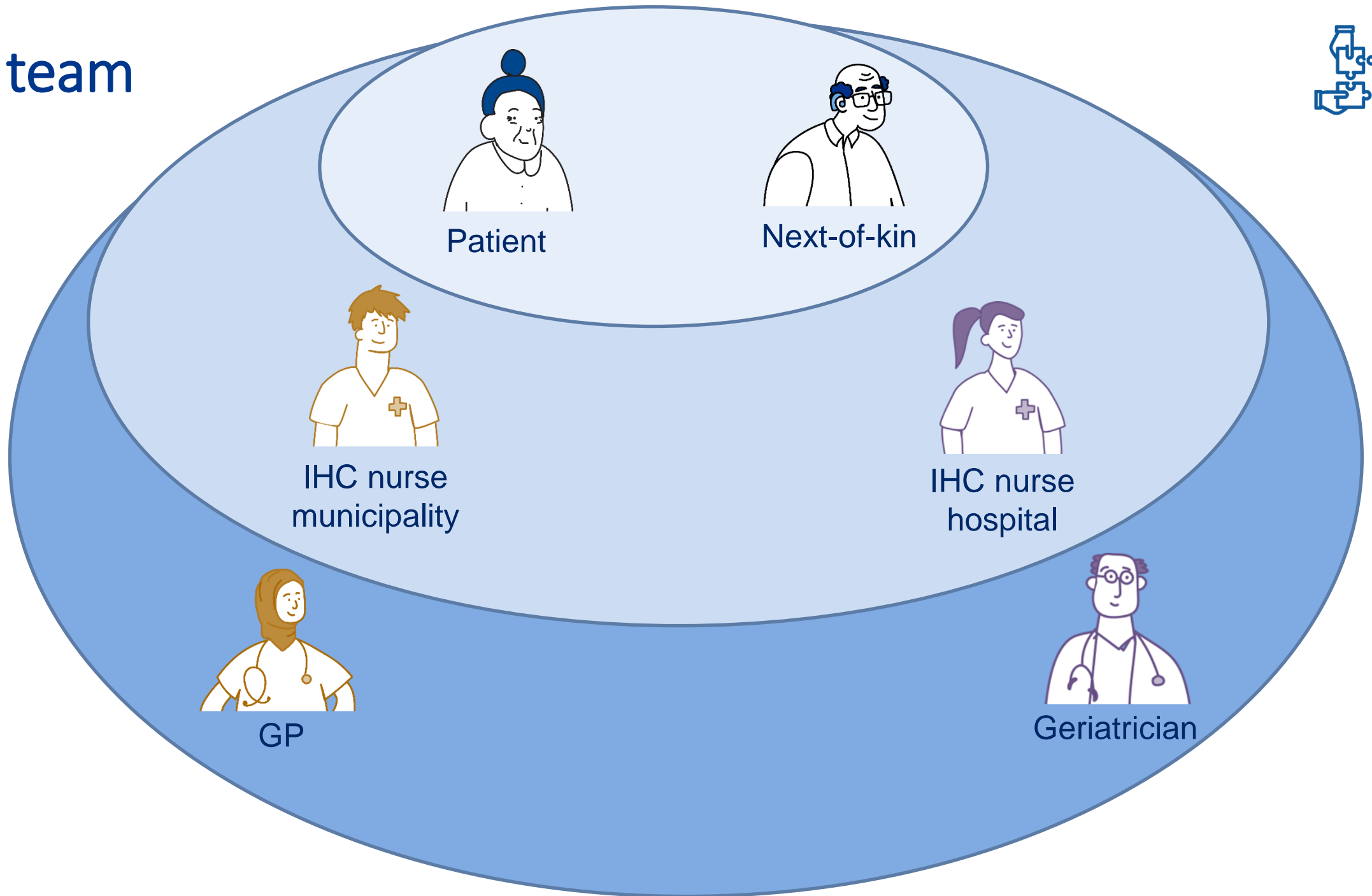
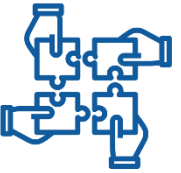


IHC nurse  
municipality



IHC nurse  
hospital

# IHC team



Patient



Next-of-kin



IHC nurse  
municipality



IHC nurse  
hospital

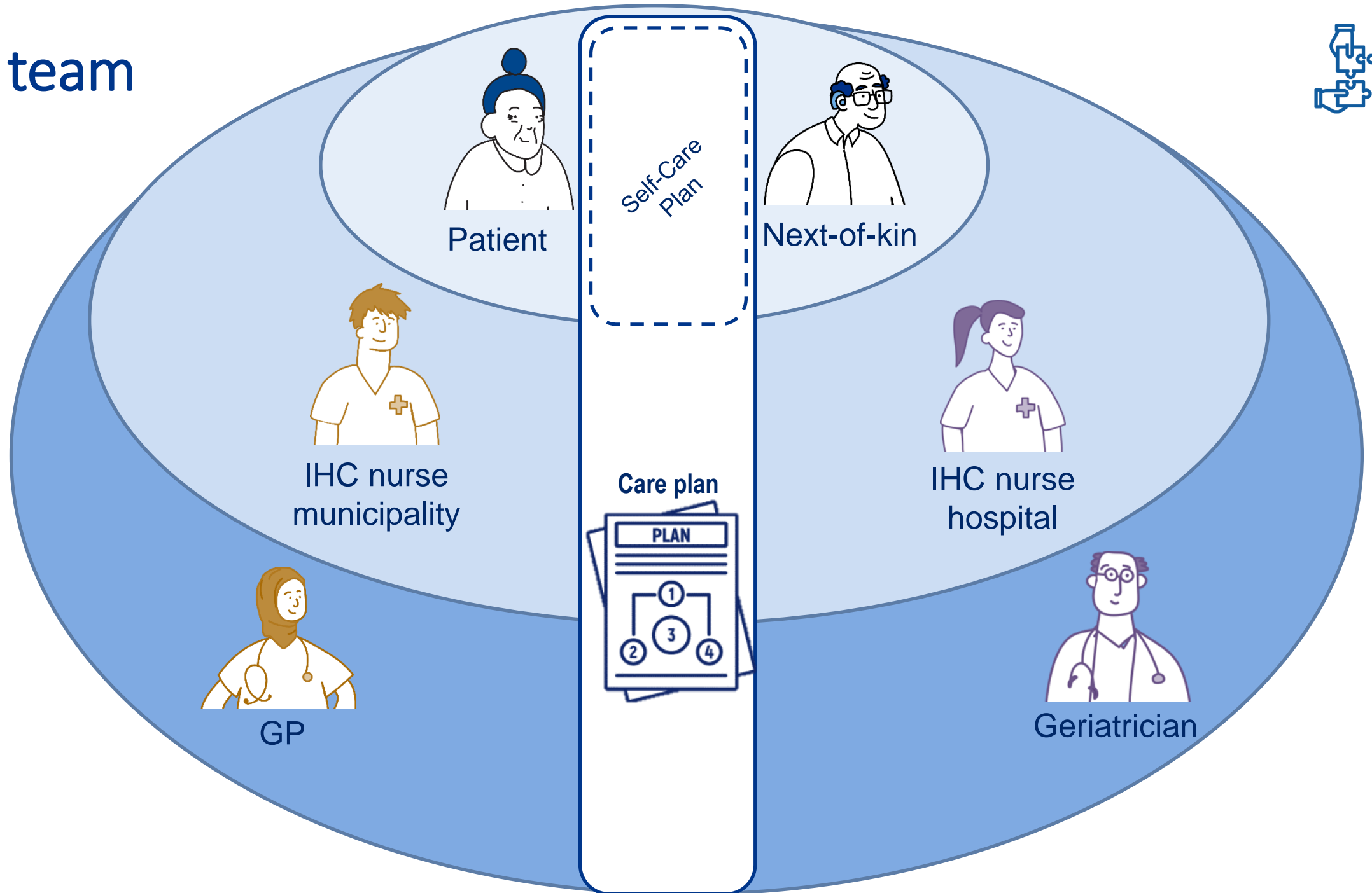
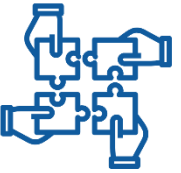


GP



Geriatrician

# IHC team



Patient

Next-of-kin

IHC nurse  
municipality

IHC nurse  
hospital

GP

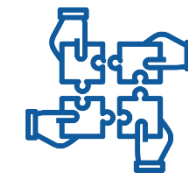
Geriatrician

Self-Care  
Plan

Care plan

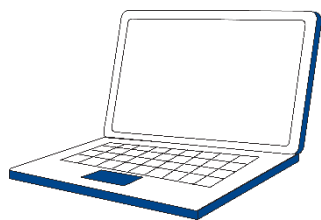
PLAN





# SERVICE MODEL

## IDENTIFICATION



Identification app  
Referrals  
Patient consent

## INCLUSION



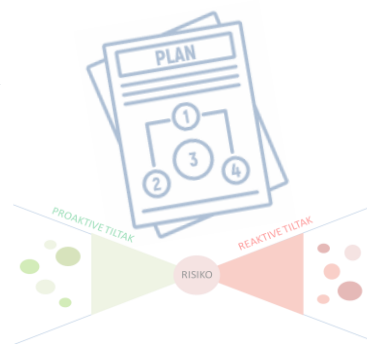
Is the person suitable for IHC?  
Electronic notification GP

## MAPPING



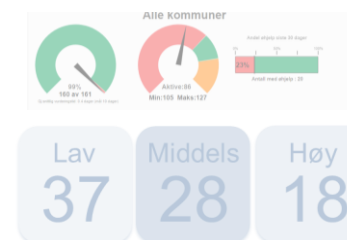
Home visit  
- habitual state  
Mapping:  
- Patient's goals  
- Resources  
- Risks  
- Healthcare needs

## FOLLOW-UP



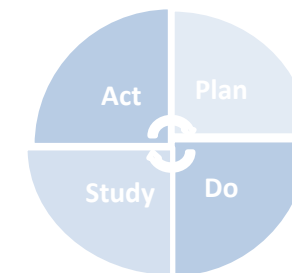
Care plan:  
- Person-centered  
- Holistic  
Goal oriented  
Risk stratified  
Action plan  
Self-Care Plan

## CARE PLAN



Care plan  
- follow up period  
Need-based:  
- Patient contact  
- Supervision

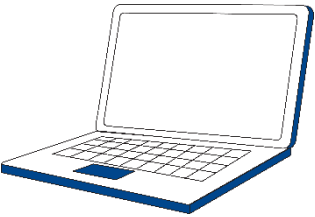


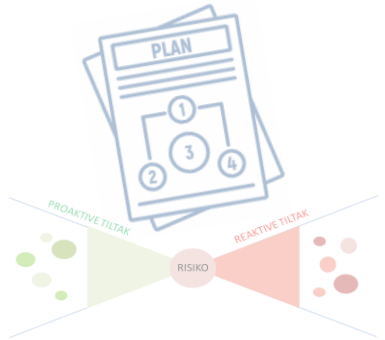
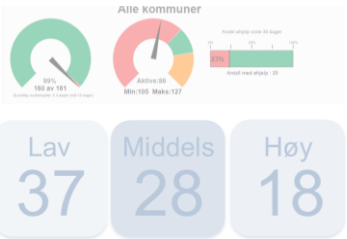

## EVALUATION

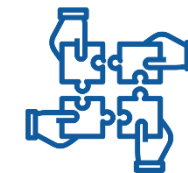


> 6 months  
Goals achieved?  
State of health?  
Update care plan?  
Continue?



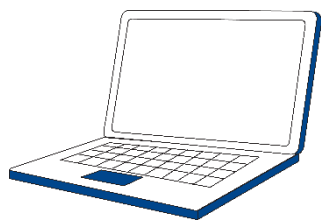
# SERVICE MODEL

IDENTIFICATION	INCLUSION	MAPPING	FOLLOW-UP	CARE PLAN	EVALUATION
 <p>Identification app</p> <p>Referrals</p> <p>Patient consent</p>	 <p>Is the person suitable for IHC?</p> <p>Electronic notification GP</p>	 <p>Home visit</p> <ul style="list-style-type: none"><li>- habitual state</li></ul> <p>Mapping:</p> <ul style="list-style-type: none"><li>- Patient's goals</li><li>- Resources</li><li>- Risks</li><li>- Healthcare needs</li></ul>	 <p>Care plan:</p> <ul style="list-style-type: none"><li>- Person-centered</li><li>- Holistic</li></ul> <p>Goal oriented</p> <p>Risk stratified</p> <p>Action plan</p> <p>Self-Care Plan</p>	 <p>Care plan</p> <ul style="list-style-type: none"><li>- follow up period</li></ul> <p>Need-based:</p> <ul style="list-style-type: none"><li>- Patient contact</li><li>- Supervision</li></ul>	 <p>&gt; 6 months</p> <p>Goals achieved?</p> <p>State of health?</p> <p>Update care plan?</p> <p>Continue?</p>



# SERVICE MODEL

## IDENTIFICATION



Identification app  
Referrals  
Patient consent

## INCLUSION



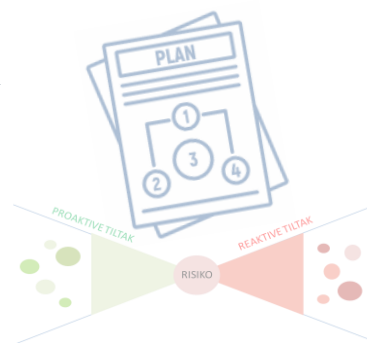
Is the person suitable for IHC?  
Electronic notification GP

## MAPPING



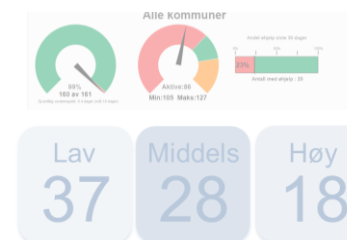
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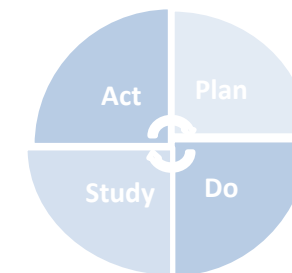
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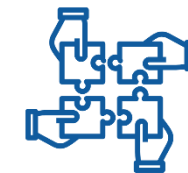


Care plan  
- follow up period  
Need-based:  
- Patient contact  
- Supervision

## EVALUATION

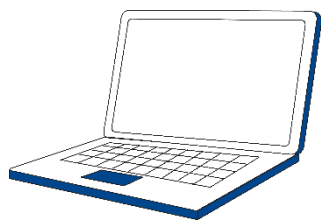


> 6 months  
Goals achieved?  
State of health?  
Update care plan?  
Continue?



# SERVICE MODEL

## IDENTIFICATION



Identification app  
Referrals  
Patient consent

## INCLUSION



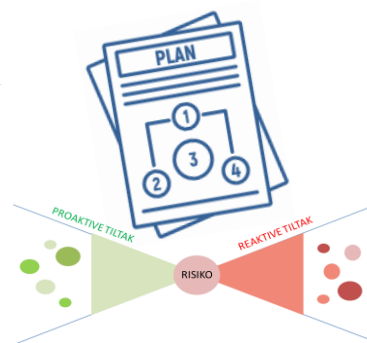
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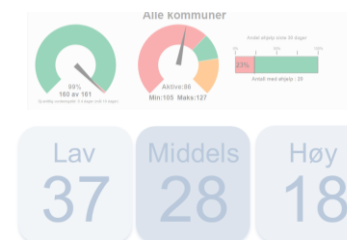
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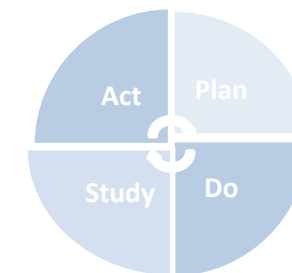
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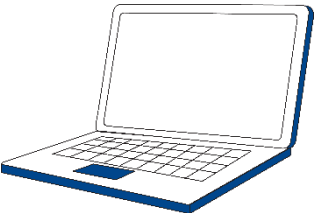


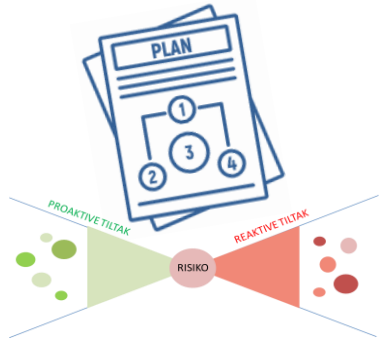
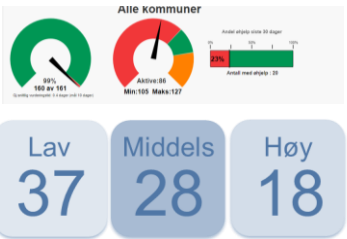

## EVALUATION



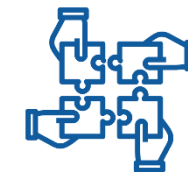
> 6 months  
Goals achieved?  
State of health?  
Update care plan?  
Continue?



# SERVICE MODEL

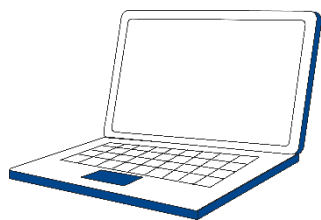
IDENTIFICATION	INCLUSION	MAPPING	FOLLOW-UP	CARE PLAN	EVALUATION
 <p>Identification app</p> <p>Referrals</p> <p>Patient consent</p>	 <p>Is the person suitable for IHC?</p> <p>Electronic notification GP</p>	 <p>Home visit</p> <ul style="list-style-type: none"><li>- habitual state</li></ul> <p>Mapping:</p> <ul style="list-style-type: none"><li>- Patient's goals</li><li>- Resources</li><li>- Risks</li><li>- Healthcare needs</li></ul>	 <p>Care plan:</p> <ul style="list-style-type: none"><li>- Person-centered</li><li>- Holistic</li></ul> <p>Goal oriented</p> <p>Risk stratified</p> <p>Action plan</p> <p>Self-Care Plan</p>	 <p>Care plan</p> <ul style="list-style-type: none"><li>- follow up period</li></ul> <p>Need-based:</p> <ul style="list-style-type: none"><li>- Patient contact</li><li>- Supervision</li></ul>	 <p>&gt; 6 months</p> <p>Goals achieved?</p> <p>State of health?</p> <p>Update care plan?</p> <p>Continue?</p>





# SERVICE MODEL

## IDENTIFICATION



Identification app  
Referrals  
Patient consent

## INCLUSION



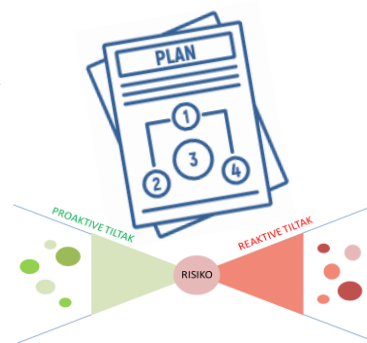
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## MAPPING



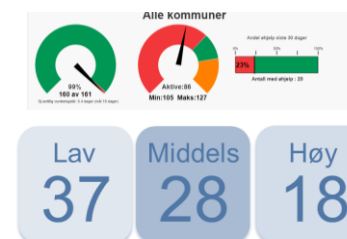
Home visit  
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## FOLLOW-UP



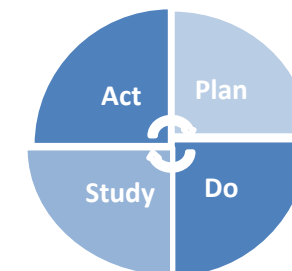
Care plan:  
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## CARE PLAN



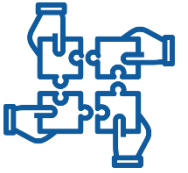
Care plan  
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Need-based:  
- Patient contact  
- Supervision

## EVALUATION



> 6 months  
Goals achieved?  
State of health?  
Update care plan?  
Continue?

# APPLICATIONS



## IDENTIFICATION APPLICATION

- Identify potential patients

## PATHWAY APPLICATION

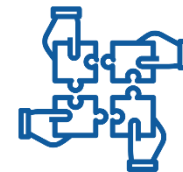
- Follow up the IHC-patients

## ANALYTICAL APPLICATION

- Consumption on healthcare services before and after inclusion in the IHC-model

# IDENTIFICATION APPLICATION

Identifying high consumers of specialist health care services



IHC patient identification  Forsterket hjemreise

IHC Patient Identification - last update:07.05.2024 04:05:19

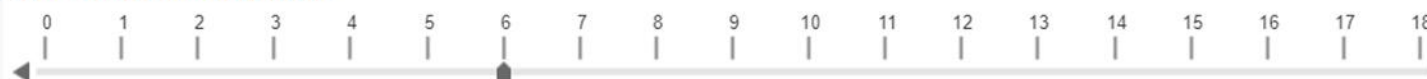
AKERSHUS UNIVERSITETSSYKEHUS

User: AD\UXBJBI

Total possible patients Patients not yet assesed Patients assessed

64 35 29

Searchable period(months)



Assessment Status

Anbefalt inklusjon	1
Avslag, men ikke fjernes fra uttr...	5
Ekksklusjon	4
For sprek. Ikke fjernes fra uttrek...	0
Inkludert	0
Inkludert i IHT	0
MORS	17
Overvåk, u/tiltak, 3 mnd. revurd.	0
Overvåk. u/tiltak, 6 mnd. revurd.	1
Overvåk. u/tiltak, 9 mnd. revurd.	0
Overvåk. u/tiltak, 12 mnd. revurd.	0

CFS Score

9. Terminalt syk	2
8. Lever med svært alvorlig skrøpeligheit	9
7. Lever med alvorlig skrøpeligheit	63
6. Lever med moderat skrøpeligheit	84
5. Lever med mild skrøpeligheit	77
4. Lever med svært mild skrøpeligheit	56
3. Klarer seg bra	67
2. Sprek	12
1. Veldig sprek	9

Deliriumscore (4AT)

12	13
11	2
10	1
8	30
7	33
6	19
5	29
4	80
3	133

Number of stays



Fields of expertise



Hide assessed patients

IHC patient lookup (Click on PID for more choices/details)

Assessment-status	Comment	PID	# stays	# re-admissions	# fields of expert...	# diagnosis	# episodes
	03.04.23 Ingen off.hjelp. Op...		4	2	2	2	5
	03.04.23 Sist innlagt des - A...		4	2	5	2	15
Avslag, men ikke fjernes fra uttrekket	06.01.23 Sprek, selvhjulpen...		4	2	4	2	15
	24.04.23 Pasienten føler se...		4	2	6	4	7
	31.01.23 ca.pulm		4	1	6	3	13
	03.04.2023 Økende pleiebe...		4	2	2	2	4
Ekksklusjon	Aug - 22 abscess m/kompl....		5	0	5	3	14
	Ca. onko		5	3	6	4	27
	For skrøpelig		4	2	4	2	5
Overvåk. u/tiltak, 6 mnd. revurd.	23.06.23 Tett oppf demenst...		4	1	7	4	11
	Er registrert død		79	43	26	36	251
			4	2	1	4	25
			6	1	10	3	28
			4	2	4	2	29
			4	1	5	4	27

Search

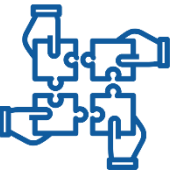
Current selections  
Akt\_Aldersgru... >=65<=100  
Akt\_Kommune... LILLESTRØM

Municipality  
LILLESTRØM  
ÅFJORD  
ÅL  
ÅLESUND  
ALSTAHaug  
ALTA  
ALVDAL  
ALVER  
ÅMLI  
ÅMOT

From = 65  
To = 100  
Set age-filter

# IDENTIFICATION APPLICATION

Identifying high consumers of specialist health care services



IHC patient identification ■ Forsterket hjemreise

IHC Patient Identification - last update: 07.05.2024 04:05:19

AKERSHUS UNIVERSITETSSYKEHUS User: AD\UXBJBI

Total possible patients: 64    Patients not yet assessed: 35    Patients assessed: 29

Searchable period (months): 0 to 18 (slider at 6)

Assessment Status:

- Anbefalt inklusjon: 1
- Avslag, men ikke fjernes fra uttr...: 5
- Eksklusjon: 4
- For sprek. Ikke fjernes fra uttrek...: 0
- Inkludert: 0
- Inkludert i IHT: 0
- MORS: 17
- Overvåk, u/tiltak, 3 mnd. revurd.: 0
- Overvåk. u/tiltak, 6 mnd. revurd.: 1
- Overvåk. u/tiltak, 9 mnd. revurd.: 0
- Overvåk. u/tiltak, 12 mnd. revurd.: 0

Deliriumscore (4AT): 12, 13, 11, 2, 10, 1, 9, 1, 8, 30, 7, 33, 6, 19, 5, 29, 4, 80, 3, 133

Number of stays: 0 to 10 (slider at 4)

Fields of expertise: 1 to 5 (slider at 2)

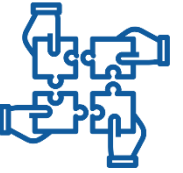
Municipality: LILLESTRØM (highlighted)

Age filter: To = 100    Set age-filter

Comment	PID	# stays	# re-admissions	# fields of expert...	# diagnosis	# episodes
03.04.23 Ingen off.hjelp. Op...		4	2	2	2	5
03.04.23 Sist innlagt des - A...		4	2	5	2	15
06.01.23 Sprek, selvhjulpen...		4	2	4	2	15
24.04.23 Pasienten føler se...		4	2	6	4	7
31.01.23 ca.pulm		4	1	6	3	13
03.04.2023 Økende pleiebe...		4	2	2	2	4
Aug - 22 abscess m/kompl....		5	0	5	3	14
Ca. onko		5	3	6	4	27
For skropelig		4	2	4	2	5
23.06.23 Tett oppf demenst...		4	1	7	4	11
Er registrert død		79	43	26	36	251
		4	2	1	4	25
		6	1	10	3	28
		4	2	4	2	29
		4	1	5	4	27

# IDENTIFICATION APPLICATION

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- Eksklusjon: 4
- For sprek. Ikke fjernes fra uttrek...: 0
- Inkludert: 0
- Inkludert i IHT: 0
- MORS: 17
- Overvåk, u/tiltak, 3 mnd. revurd.: 0
- Overvåk, u/tiltak, 6 mnd. revurd.: 1
- Overvåk, u/tiltak, 9 mnd. revurd.: 0
- Overvåk, u/tiltak, 12 mnd. revurd.: 0

Total possible patients: 64 | Patients not yet assessed: 35 | Patients assessed: 29

CFS Score:

9. Terminalt syk	2
8. Lever med svært alvorlig skrøpeligheit	9
7. Lever med alvorlig skrøpeligheit	63
6. Lever med moderat skrøpeligheit	84
5. Lever med mild skrøpeligheit	77
4. Lever med svært mild skrøpeligheit	56
3. Klare seg bra	67
2. Sprek	12
1. Veldig sprek	9

Deliriumscore (4AT):

12	13
11	2
10	1
9	1
8	30
7	33
6	19
5	29
4	80
3	133

Number of stays: 0 to 10 (slider at 4)

Fields of expertise: 1 to 5 (slider at 2)

Municipality: LILLESTRØM (selected)

From = 65 | To = 100 | Set age-filter

Hide assessed patients

patient-status	Comment	PID	# stays	# re-admissions	# fields of expert...	# diagnosis	# episodes
	03.04.23 Ingen off.hjelp. Op...		4	2	2	2	5
	03.04.23 Sist innlagt des - A...		4	2	5	2	15
ikke fjernes fra uttrekket	06.01.23 Sprek, selvhjulpen...		4	2	4	2	15
	24.04.23 Pasienten føler se...		4	2	6	4	7
	31.01.23 ca.pulm		4	1	6	3	13
	03.04.2023 Økende pleiebe...		4	2	2	2	4
	Aug - 22 abscess m/kompl....		5	0	5	3	14
	Ca. onko		5	3	6	4	27
	For skrøpelig		4	2	4	2	5
	23.06.23 Tett oppf demenst...		4	1	7	4	11
	Er registrert død		79	43	26	36	251
			4	2	1	4	25
			6	1	10	3	28
			4	2	4	2	29
			4	1	5	4	27

# IDENTIFICATION APPLICATION

Identifying high consumers of specialist health care services



IHC patient identification  Forsterket hjemreise

IHC Patient Identification - last update:07.05.2024 04:05:19 AKERSHUS UNIVERSITETSSYKEHUS  
User: AD\UXBJBI

Total possible patients: 64    Patients not yet assessed: 35    Patients assessed: 29

**Searchable period(months)**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

**CFS Score**

9. Terminalt syk	2
8. Lever med svært alvorlig skrøpelighet	9
7. Lever med alvorlig skrøpelighet	63
6. Lever med moderat skrøpelighet	84
5. Lever med mild skrøpelighet	77
4. Lever med svært mild skrøpelighet	56
3. Klarer seg bra	67
2. Sprek	12
1. Veldig sprek	9

**Deliriumscore (4AT)**

	12	13
	11	2
	10	1
	9	1
	8	30
	7	33
	6	19
	5	29
	4	80
	3	133

**Number of stays**

0 1 2 3 4 5 6 7 8 9 10

**Fields of expertise**

1 2 3 4 5

From = 65  
To = 100  
[Set age-filter](#)

**Municipality**  
LILLESTRØM

**Current selections**  
Akt\_Aldersgru... >=65<=100  
Akt\_Kommune... LILLESTRØM

**Exklusjon**

- 24.04.23 Pasienten føler se...
- 31.01.23 ca.pulm
- 03.04.2023 Økende pleiebe...
- Aug - 22 abscess m/kompl,....
- Ca. onko
- For skrøpelig
- Overvåk. u/tiltak, 6 mnd. revurd.
- 23.06.23 Tett oppf demenst...
- Er registrert død

4	2	6	4	7
4	1	6	3	13
4	2	2	2	4
5	0	5	3	14
5	3	6	4	27
4	2	4	2	5
4	1	7	4	11
79	43	26	36	251
4	2	1	4	25
6	1	10	3	28
4	2	4	2	29
4	1	5	4	27

# IDENTIFICATION APPLICATION

Identifying high consumers of specialist health care services



IHC patient identification  Forsterket hjemreise

Search

Current selections  
Akt\_Aldersgru... >=65<=100  
Akt\_Kommune... LILLESTRØM

Municipality  
LILLESTRØM  
ÅFJORD  
ÅL  
ÅLESUND  
ALSTAHaug  
ALTA  
ALVDAL  
ALVER  
ÅMLI  
ÅMOT

From = 65  
To = 100  
Set age-filter

Total possible patients: 64    Patients not yet assessed: 35    Patients assessed: 29

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

CFS Score  
9. Terminalt syk 2  
8. Lever med svært alvorlig skrøpeligheit 9  
7. Lever med alvorlig skrøpeligheit 63  
6. Lever med moderat skrøpeligheit 84  
5. Lever med mild skrøpeligheit 77  
4. Lever med svært mild skrøpeligheit 56  
3. Klarer seg bra 67  
2. Sprek 12  
1. Veldig sprek 9

Deliriumscore (4AT)  
12 13  
11 2  
10 1  
8 30  
7 33  
6 19  
5 29  
4 80  
3 133

Number of stays  
0 1 2 3 4 5 6 7 8 9 10

Fields of expertise  
1 2 3 4 5

Hide assessed patients

IHC patient lookup (Click on PID for more choices/details)

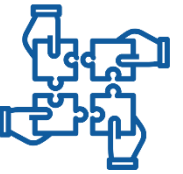
Assessment-status	Comment	PID	# stays	# re-admissions	# fields of expert...	# diagnosis	# episodes
	03.04.23 Ingen off.hjelp. Op...		4	2	2	2	5
	03.04.23 Sist innlagt des - A...		4	2	5	2	15
Avslag, men ikke fjernes fra uttrekket	06.01.23 Sprek, selvhjulpen...		4	2	4	2	15
	24.04.23 Pasienten føler se...		4	2	6	4	7
	31.01.23 ca.pulm		4	1	6	3	13
	03.04.2023 Økende pleiebe...		4	2	2	2	4
Eksklusjon	Aug - 22 abscess m/kompl....		5	0	5	3	14
	Ca. onko		5	3	6	4	27
	For skrøpelig		4	2	4	2	5
Overvåk. u/tiltak, 6 mnd. revurd.	23.06.23 Tett oppf demenst...		4	1	7	4	11
	Er registrert død		79	43	26	36	251
			4	2	1	4	25
			6	1	10	3	28
			4	2	4	2	29
			4	1	5	4	27

Anbefalt inklusjon  
Avslag, men ikke fjernes fra uttr... 5  
Eksklusjon 4  
For sprek. Ikke fjernes fra uttrek... 0  
Inkludert 0  
Inkludert i IHT 0  
MORS 17  
Overvåk. u/tiltak, 3 mnd. revurd. 0  
Overvåk. u/tiltak, 6 mnd. revurd. 1  
Overvåk. u/tiltak, 9 mnd. revurd. 0  
Overvåk. u/tiltak, 12 mnd. revurd. 0

UNIVERSITETSSYKEHUS  
User: AD\UXBJBI

# IDENTIFICATION APPLICATION

Identifying high consumers of specialist health care services



IHC patient identification ■ Forsterket hjemmeise

IHC Patient Identification - last update: 07.05.2024 04:05:19

AKERSHUS UNIVERSITETSSYKEHUS  
User: AD\UXBJBI

Total possible patients: 64    Patients not yet assessed: 35    Patients assessed: 29

Searchable period (months): 0 to 18 (slider at 6)

Assessment Status:

- Anbefalt inklusjon: 1
- Avslag, men ikke fjernes fra uttr...: 5
- Ekksklusjon: 4
- Før sprek. Ikke fjernes fra uttrek...: 0
- Inkludert: 0
- Inkludert i IHT: 0
- MORS: 17
- Overvåk, u/tiltak, 3 mnd. revurd.: 1
- Overvåk. u/tiltak, 6 mnd. revurd.: 1
- Overvåk. u/tiltak, 9 mnd. revurd.: 0
- Overvåk. u/tiltak, 12 mnd. revurd.: 0

CFS Score

9. Terminalt syk	2
8. Lever med svært alvorlig skrøpeligheit	9
7. Lever med alvorlig skrøpeligheit	63
6. Lever med moderat skrøpeligheit	84
5. Lever med mild skrøpeligheit	77
4. Lever med svært mild skrøpeligheit	56
3. Klarer seg bra	67
2. Sp...	42

Deliriumscore (4AT)

12	13
11	2
10	1
9	1
8	30
7	33
6	19
5	28

Number of stays (slider at 4)

Fields of expertise (slider at 5)

Municipality: LILLESTRØM (selected)

From = 65, To = 100, Set age-filter

**Hide assessed patients**

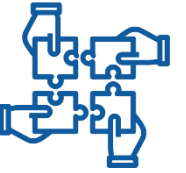
IHC patient lookup (Click on PID for more choices/details)

Assessment-status	Comment	PID	# stays	# re-admissions	# fields of expert...	# diagnosis	# episodes
Avslag, men ikke fjernes fra uttrekket	03.04.23 Ingen off.hjelp. Op...		4	2	2	2	5
	03.04.23 Sist innlagt des - A...		4	2	5	2	15
	06.01.23 Sprek, selvhjulpen...		4	2	4	2	15
	24.04.23 Pasienten føler se...		4	2	6	4	7
	31.01.23 ca.pulm		4	1	6	3	13
Ekksklusjon	03.04.2023 Økende pleiebe...		4	2	2	2	4
	Aug - 22 abscess m/kompl,...		5	0	5	3	14
	Ca. onko		5	3	6	4	27
Overvåk. u/tiltak, 6 mnd. revurd.	Før skrøpelig		4	2	4	2	5
	23.06.23 Tett oppf demenst...		4	1	7	4	11
	Er registrert død		79	43	26	36	251
			4	2	1	4	25
			6	1	10	3	28
		4	2	4	2	29	
		4	1	5	4	27	



# PATHWAY CODES (PROCEDURE CODES)

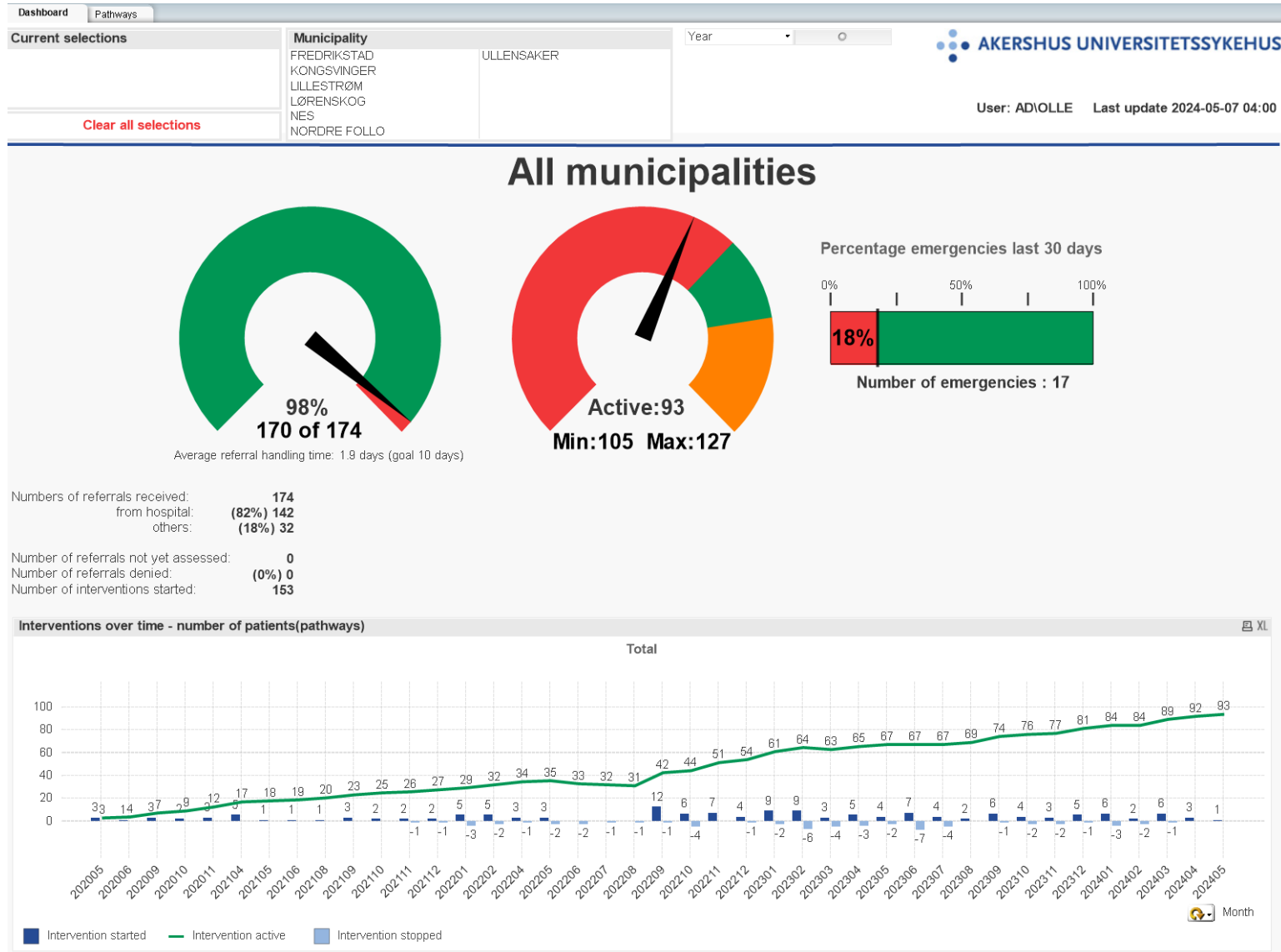
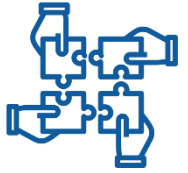
a prerequisite for the development of applications



Pathway	Code	Description
IHT DEP	IHT1AA	IHT DEP; start pathway; all onboard
IHT DEP	IHT1FB	IHT DEP; init treat.; Careplan created
IHT DEP	IHT1FE	IHT DEP; evaluation
IHT DEP	IHT1FK	IHT DEP; init treat.; Mapping done
IHT DEP	IHTFO3	IHT DEP; surveillance 3 months
IHT DEP	IHTFO6	IHT DEP; surveillance 6 months
IHT DEP	IHT1FX1	IHT DEP; terminated; patient
IHT DEP	IHT1FX2	IHT DEP; terminated; ihc team
IHT DEP	IHT1FX3	IHT DEP; terminated; mors
IHT DEP	IHT1FX4	IHT DEP; terminated; too sick
IHT DEP	IHT1FX5	IHT DEP; terminated; too fit
IHT DEP	IHT1FX6	IHT DEP; terminated; other

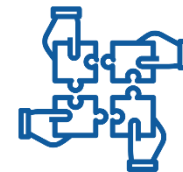
# PATHWAY APPLICATION

Tracking and monitoring the IHC-patients



# PATHWAY APPLICATION

Tracking and monitoring the IHC-patients



Dashboard
Pathways

**Current Selections**

Kommune ▼

- KONGSVINGER, LILLESTRØM
- LØRENSKOG, NES, NORDRE FOLLO, ULLENSAKER

Year ▼

- 2020
- 2021
- 2022
- 2023
- 2024

Do not show inactive pathways

Municipality	Active (93)	Inactive(60)
FREDRIKSTAD	0	0
KONGSVINGER	12	10
LILLESTRØM	23	15
LØRENSKOG	0	12
NES	23	4
NORDRE FOLLO	21	10
ULLENSAKER	15	9

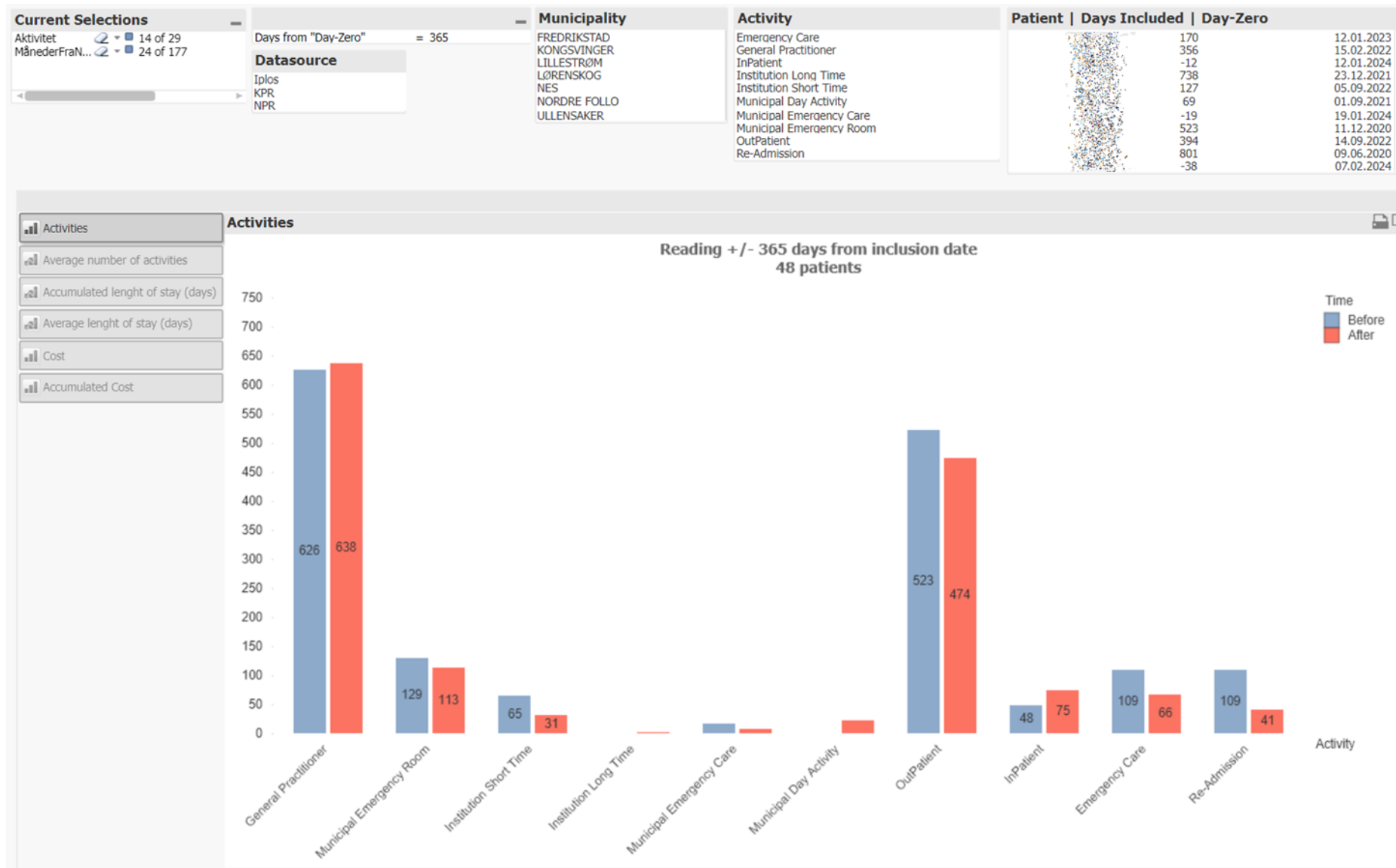
Inactive pathways	Avg. duration	Quantity
IHT DEP; avsluttet; pasient	254	6
IHT DEP; avsluttet; iht	248	18
IHT DEP; avsluttet; mors	354	35
IHT DEP; avsluttet; for syk	82	1

**Pathway overview**

PID	Name	Municipality	Start	Deadline Mapping	Mapping	Deadline Careplan	Careplan	Deadline 1st evaluation	1st evaluation	Deadline next evaluation	Reason for termination	Lenght of pathway	Primary physician	Next appointment	Next expertise	Next provider
		LILLESTRØM	12.01.2023	23.02.2023	13.01.2023	27.01.2023	01.02.2023	29.09.2023	-	-	-	-	-	-	-	-
		LØRENSKOG	15.02.2022	29.03.2022	08.03.2022	22.03.2022	31.03.2022	26.11.2022	-	-	IHT DEP; avsluttet; iht	-	-	-	-	-
		NORDRE FOLLO	12.01.2024	23.02.2024	11.03.2024	25.03.2024	-	-	-	-	-	-	-	01.04.2024	GER avd	-
		ULLENSAKER	09.12.2021	20.01.2022	09.12.2021	23.12.2021	21.12.2021	18.08.2022	31.05.2022	26.05.2024	-	-	HAMRE, KRISTIN MOR...	01.12.2024	GER avd	SKOGVOLD, ANETTE MELS...
		NES	05.09.2022	17.10.2022	06.09.2022	20.09.2022	26.09.2022	24.05.2023	06.01.2023	-	IHT DEP; avsluttet; mors	-	HERNES, ANDREAS, A...	-	-	-
		KONGSVINGER	19.01.2024	01.03.2024	12.03.2024	26.03.2024	04.04.2024	30.11.2024	-	-	-	-	HAMRE, KRISTIN MOR...	01.10.2024	GER avd	-
		LILLESTRØM	12.11.2020	24.12.2020	12.11.2020	26.11.2020	15.12.2020	12.08.2021	10.06.2021	-	IHT DEP; avsluttet; iht	-	HERNES, ANDREAS, A...	-	-	-
		NORDRE FOLLO	19.04.2024	31.05.2024	-	-	-	-	-	-	-	-	-	14.05.2024	GER avd	-
		KONGSVINGER	14.09.2022	26.10.2022	11.10.2022	25.10.2022	16.11.2022	14.07.2023	14.04.2023	-	IHT DEP; avsluttet; iht	-	HAMRE, KRISTIN MOR...	-	-	-
		LØRENSKOG	04.06.2020	16.07.2020	04.06.2020	18.06.2020	09.06.2020	04.02.2021	09.06.2020	-	IHT DEP; avsluttet; mors	-	HERNES, ANDREAS, A...	-	-	-
		KONGSVINGER	07.02.2024	20.03.2024	21.02.2024	06.03.2024	12.03.2024	07.11.2024	-	-	-	-	HAMRE, KRISTIN MOR...	01.10.2024	GER avd	-
		KONGSVINGER	17.01.2023	28.02.2023	28.02.2023	14.03.2023	13.04.2023	09.12.2023	04.09.2023	10.09.2024	-	-	HAMRE, KRISTIN MOR...	01.10.2024	GER avd	-
		ULLENSAKER	25.05.2021	06.07.2021	25.05.2021	08.06.2021	11.06.2021	06.02.2022	27.01.2022	25.10.2023	-	-	HAMRE, KRISTIN MOR...	01.04.2024	GER avd	-
		KONGSVINGER	09.06.2023	21.07.2023	05.07.2023	19.07.2023	13.07.2023	09.03.2024	25.01.2024	23.07.2024	-	-	HAMRE, KRISTIN MOR...	01.01.2025	GER avd	-
		KONGSVINGER	09.08.2023	20.09.2023	04.10.2023	18.10.2023	16.10.2023	12.06.2024	-	-	IHT DEP; avsluttet; mors	-	HAMRE, KRISTIN MOR...	-	-	-
		LØRENSKOG	16.05.2022	27.06.2022	07.06.2022	21.06.2022	20.06.2022	15.02.2023	-	-	IHT DEP; avsluttet; iht	-	-	-	-	-
		ULLENSAKER	07.02.2023	21.03.2023	-	-	-	-	-	-	IHT DEP; avsluttet; iht	-	-	-	-	-
		ULLENSAKER	28.04.2023	09.06.2023	-	-	-	-	-	-	IHT DEP; avsluttet; iht	-	-	-	-	-
		NORDRE FOLLO	07.03.2023	18.04.2023	23.05.2023	06.06.2023	12.07.2023	08.03.2024	06.03.2024	02.09.2024	-	-	HAMRE, KRISTIN MOR...	-	-	-
		LILLESTRØM	12.01.2023	23.02.2023	07.02.2023	21.02.2023	28.02.2023	26.10.2023	-	-	IHT DEP; avsluttet; mors	-	HAMRE, KRISTIN MOR...	-	-	-
		LØRENSKOG	24.09.2020	05.11.2020	24.09.2020	08.10.2020	06.10.2020	03.06.2021	16.03.2021	-	IHT DEP; avsluttet; mors	-	HERNES, ANDREAS, A...	-	-	-
		LILLESTRØM	26.08.2021	07.10.2021	26.08.2021	09.09.2021	28.10.2021	25.06.2022	15.03.2022	-	IHT DEP; avsluttet; mors	-	-	-	-	-
		NORDRE FOLLO	31.10.2022	12.12.2022	29.11.2022	13.12.2022	12.12.2022	09.08.2023	-	-	IHT DEP; avsluttet; mors	-	HAMRE, KRISTIN MOR...	-	-	-
		NES	11.01.2023	22.02.2023	-	-	-	-	-	-	IHT DEP; avsluttet; iht	-	-	-	-	-
		ULLENSAKER	17.10.2022	28.11.2022	20.10.2022	03.11.2022	07.11.2022	05.07.2023	24.04.2023	13.04.2024	-	-	MECINAJ, ALBAN, AKE...	01.10.2024	GER avd	-

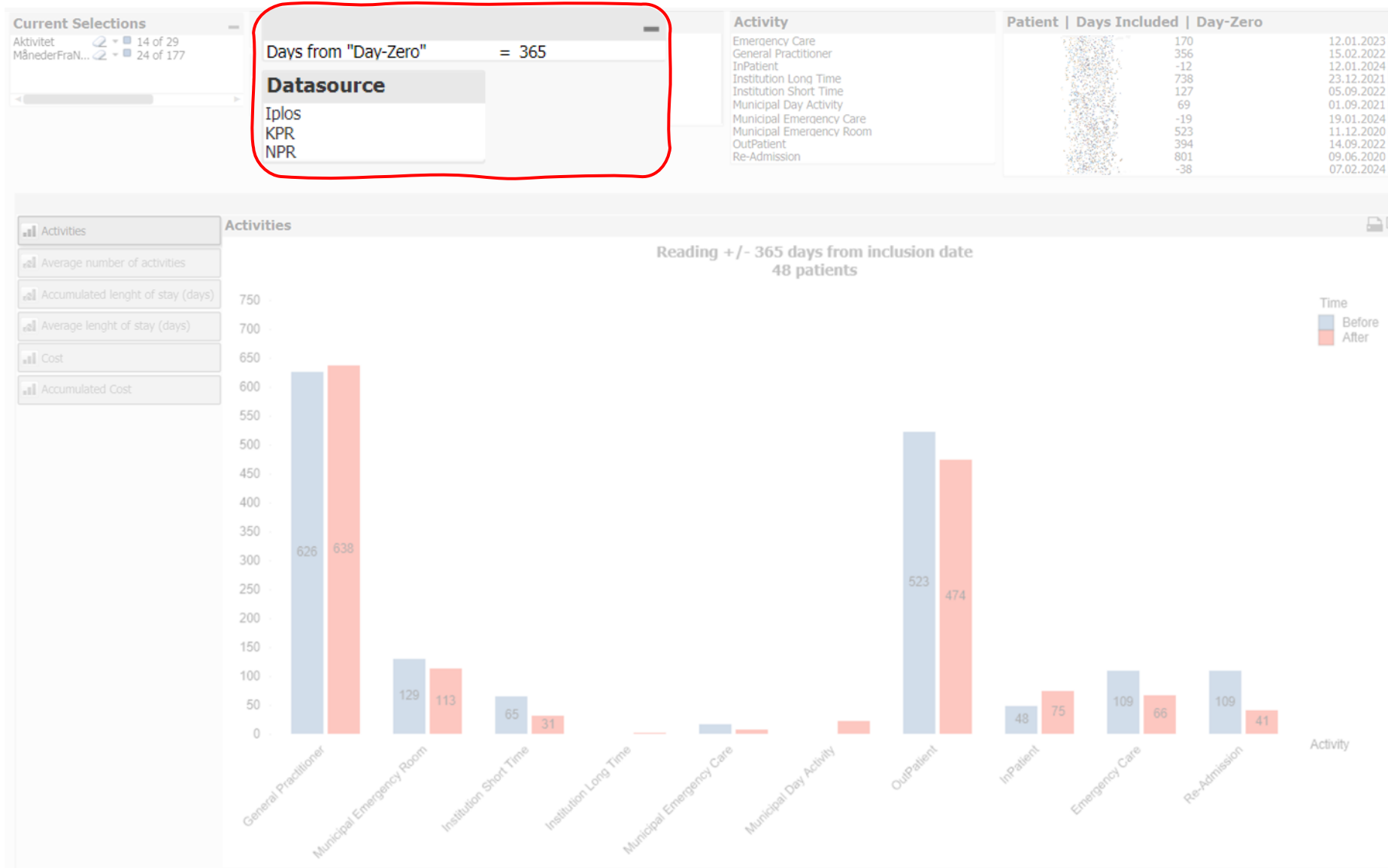
# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



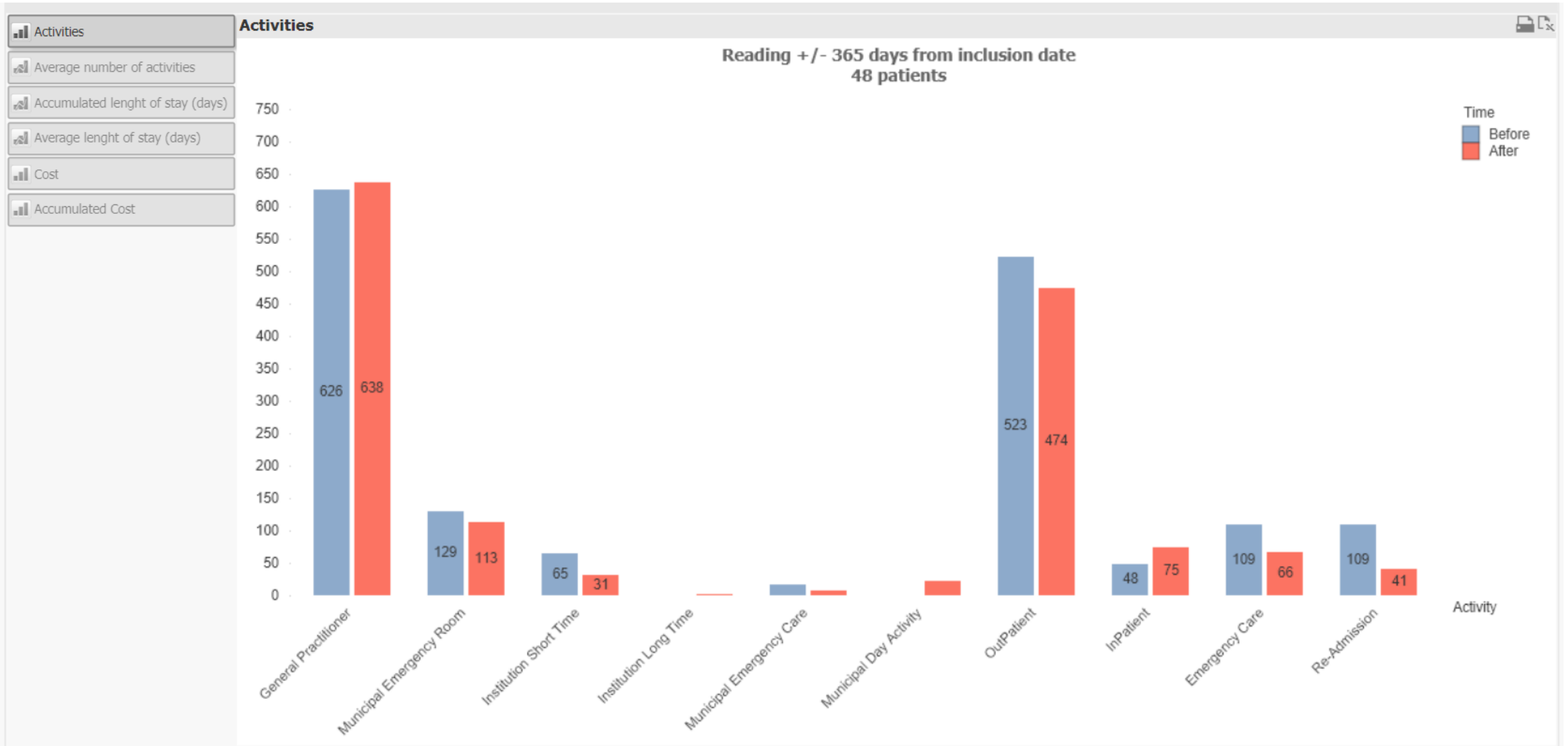
# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



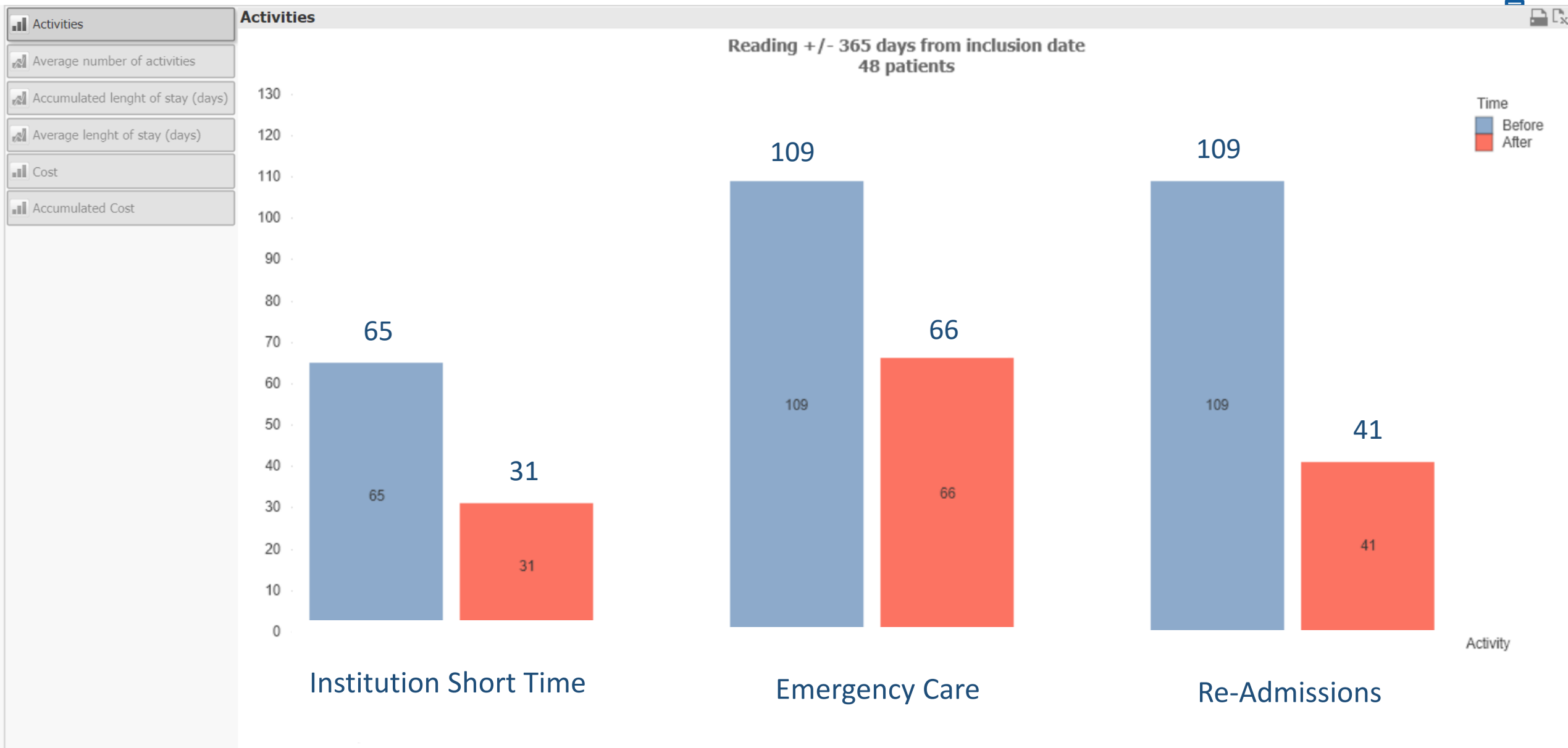
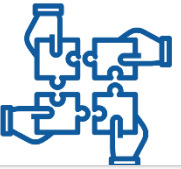
# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



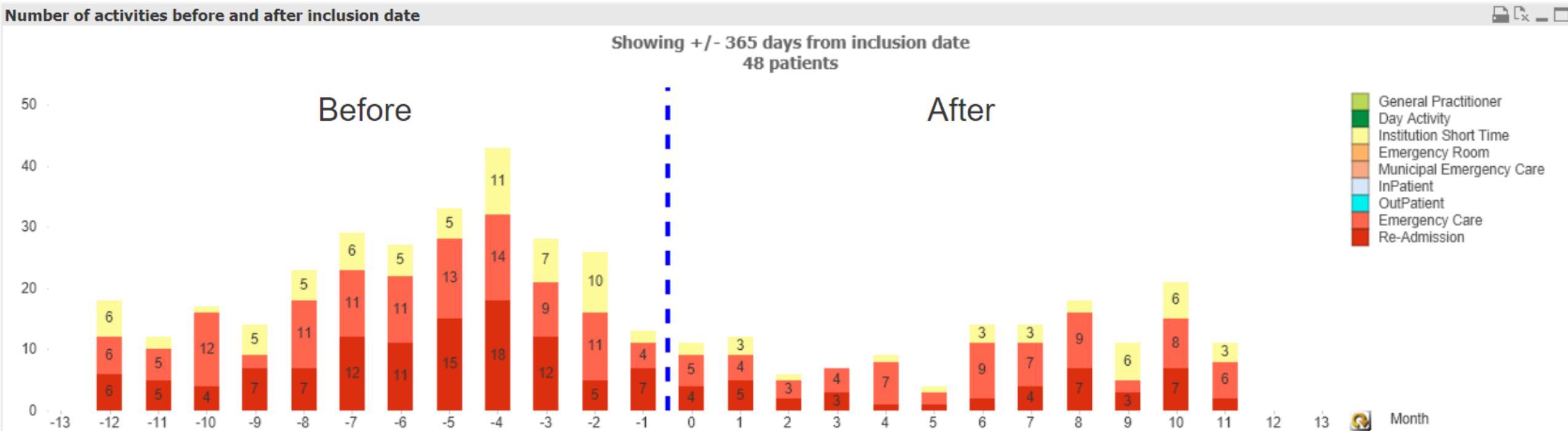
# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



Institution Short Time



Emergency Care



Re-Admission

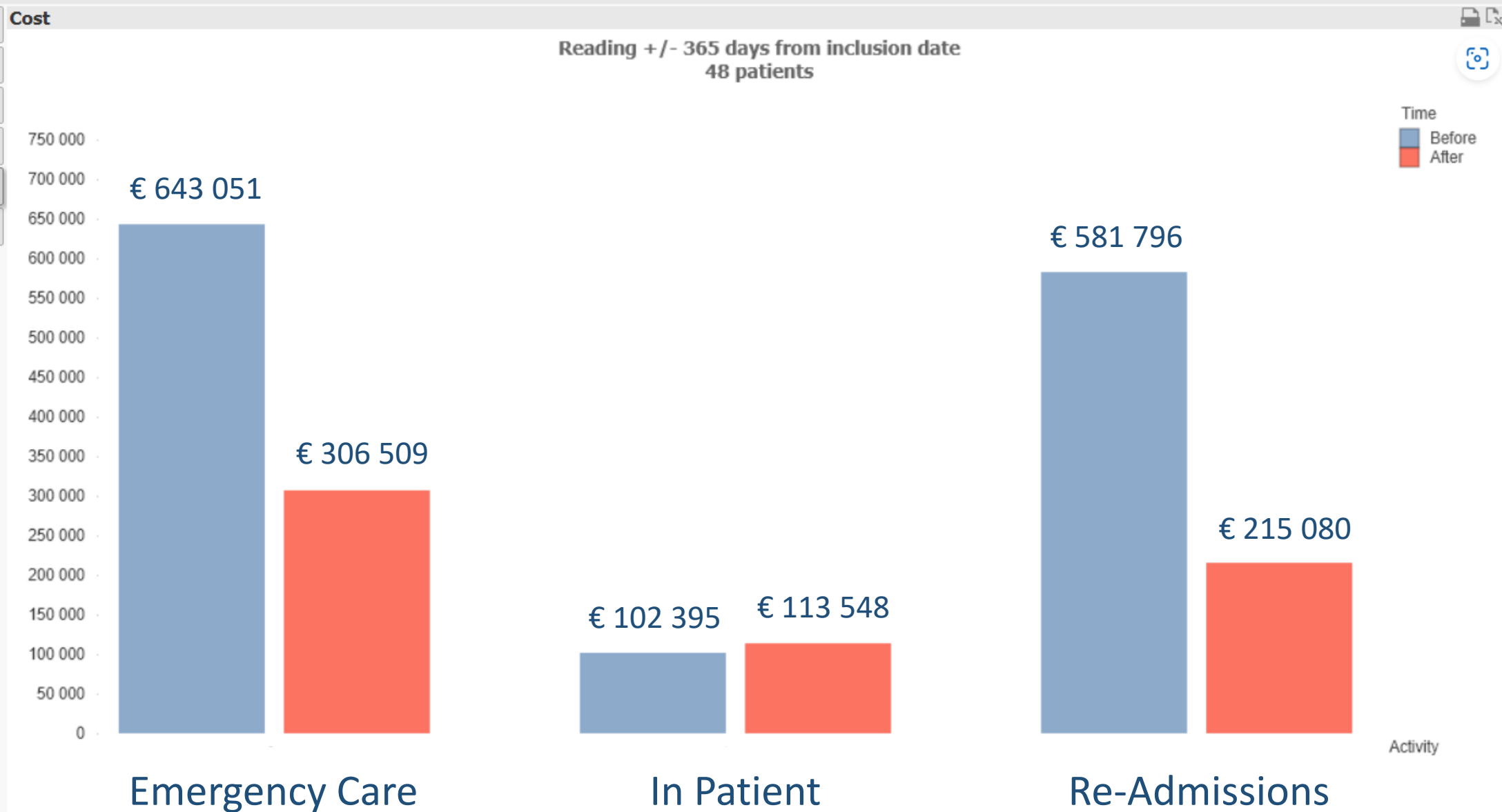


# ANALYTICS APPLICATION

Consumption of healthcare services before and after inclusion in the IHC-model



- Activities
- Average number of activities
- Accumulated length of stay (days)
- Average length of stay (days)
- Cost**
- Accumulated Cost





# INTEGRATED HEALTHCARE

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Email: [bendik.westlund.hegna@ahus.no](mailto:bendik.westlund.hegna@ahus.no)