



Status løsning for fastleger

Litt historikk



Mai 2022

Pilot nr 1
Øya legesenter, TK
2 private legesentre
trekker seg



September 2022

Endrer plan for fastlegene
Tilbakemeldinger fra fastlegene blir viktige når Helseplattformen og Epic nå endrer innføringsplanen for fastleger som skulle innføre løsningen i november. - En klok avgjørelse, sier Lederen for Sør-Trøndelag legeförening.



Langt unna å få med fastlegene

Utsetter Helseplattformen fastlegene

Forhåpentligvis er det helt uaktuelt om fastlegene, samme angangsforhold til helsevesenets for de fleste, på tross av Helseplattformens mål for å sikre levereingen av nå, er den langt fra konkurranseutvilling, sier Lindy Jansoch, visv. Schweidel, leder i Sør-Trøndelag legeförening. **NYHETER side 8-9**

Desember 2023

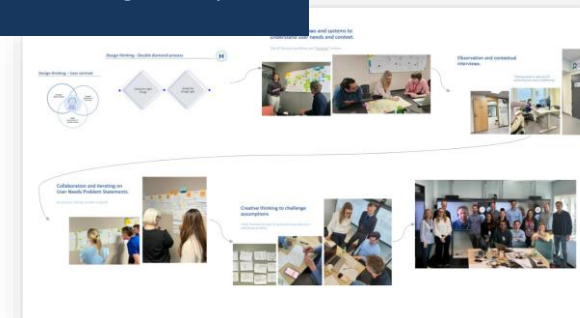
Pilot nr 2
Vanylven legesenter

April + mai 2023

Styrevedtak HPAS
Løsning for fastleger
skal prioriteres!

Juni 2023

Intensivert produkt-
utvikling med Epic



August 2023

BCG-rapport + KPMG-
rapport



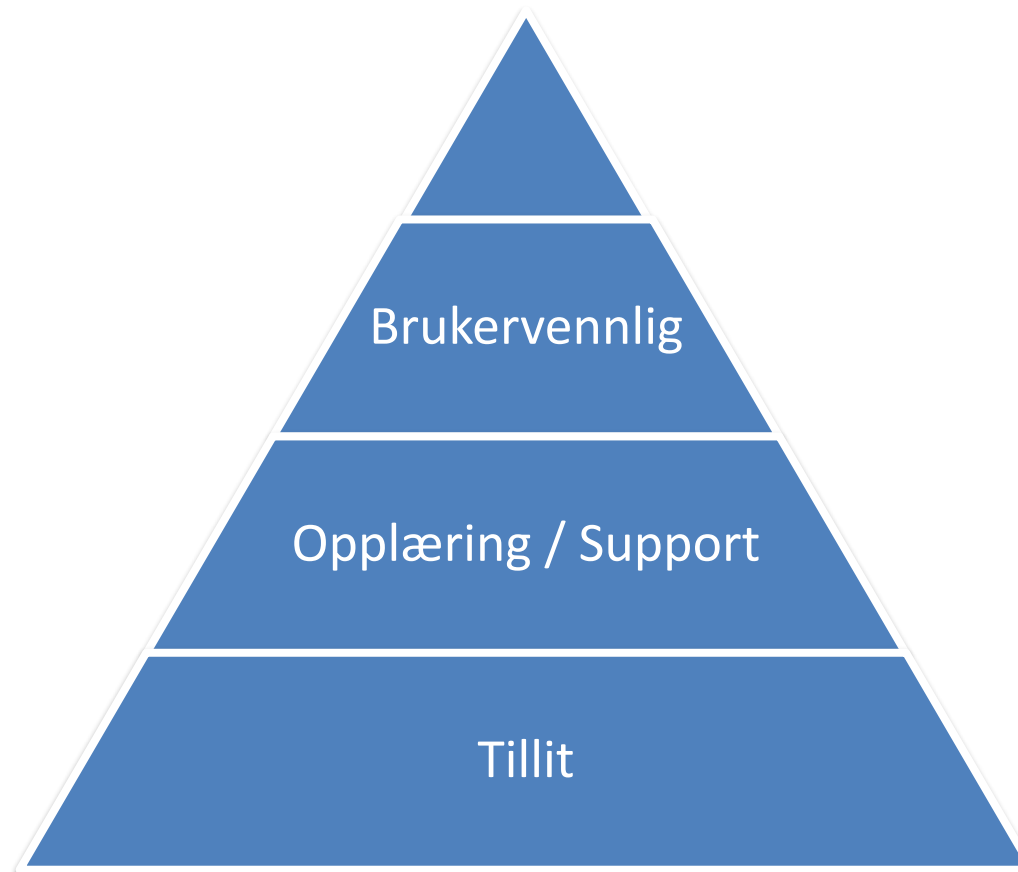
Ekstern evaluering
av Helseplattformen

September - desember 2023

Planlagte
oppgraderinger
Ny klient "Hyperdrive"

Hvordan skal vi lykkes?

Vi må tilby et produkt som fastlegene ønsker å bruke!



Hva gjør vi?



Piloter

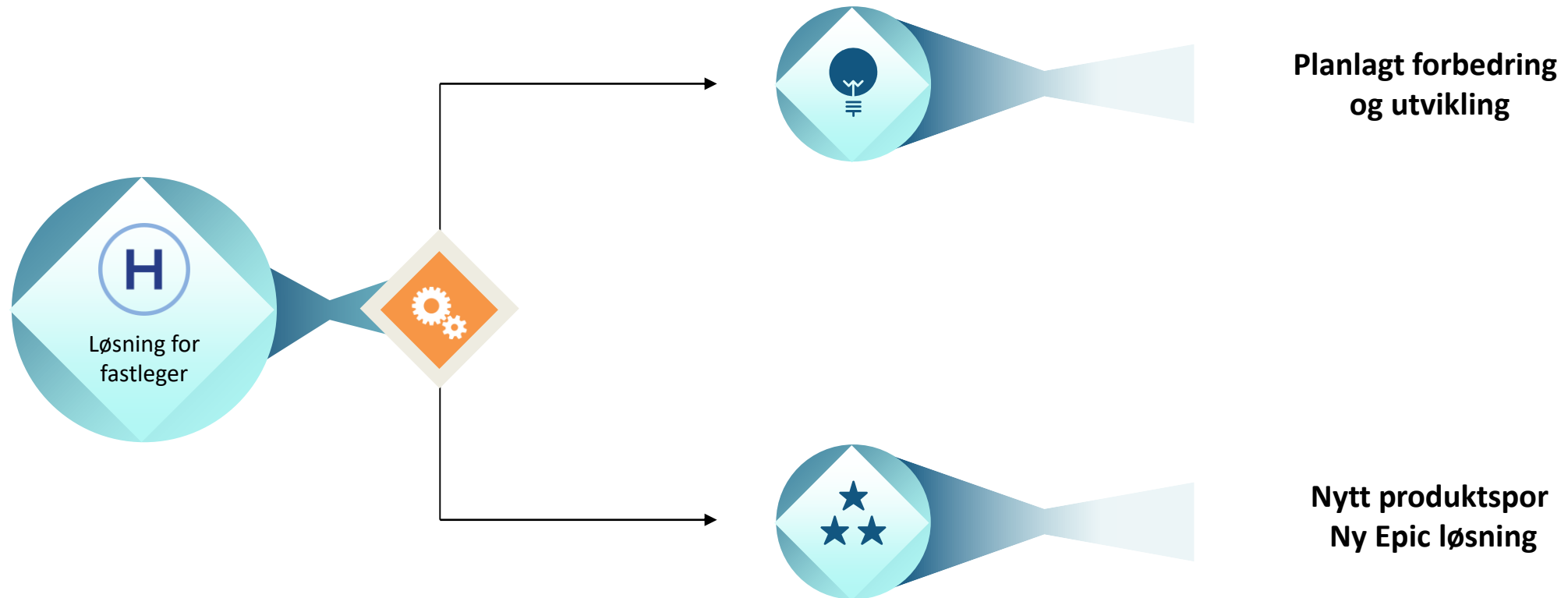


Kommunalt eid legesenter
med fem hjemler

Høy motivasjon fra
kommuneadministrasjon
og ansatte

Pilotperiode fra des. 2023
til utgangen av 2025

Produktutviklingen går langs to spor



Planlagt utvikling og forbedring



- Forbedringer rulles ut til piloter og Trondheim legevakt
- May23-oppgradering planlagt for september
- Viktig for næringsdrivende leger: Forbedringer i økonomi- og faktureringsmodulen
- Ny klient: Hyperdrive

Testing av forbedringene hos pilotbrukerne er neste steg for å vurdere løsningen

Nytt produktspor

Ny fastlegeløsning for allmennleger i Europa



- ★ Ny Epic Fastlegeløsning for Europa - Utviklet i samarbeid med norske fastleger
- ★ Intensivt arbeid med Epic-utviklere og designere
- ★ Brukerfokusert og designdrevet, med involvering av UX- designere og brukere

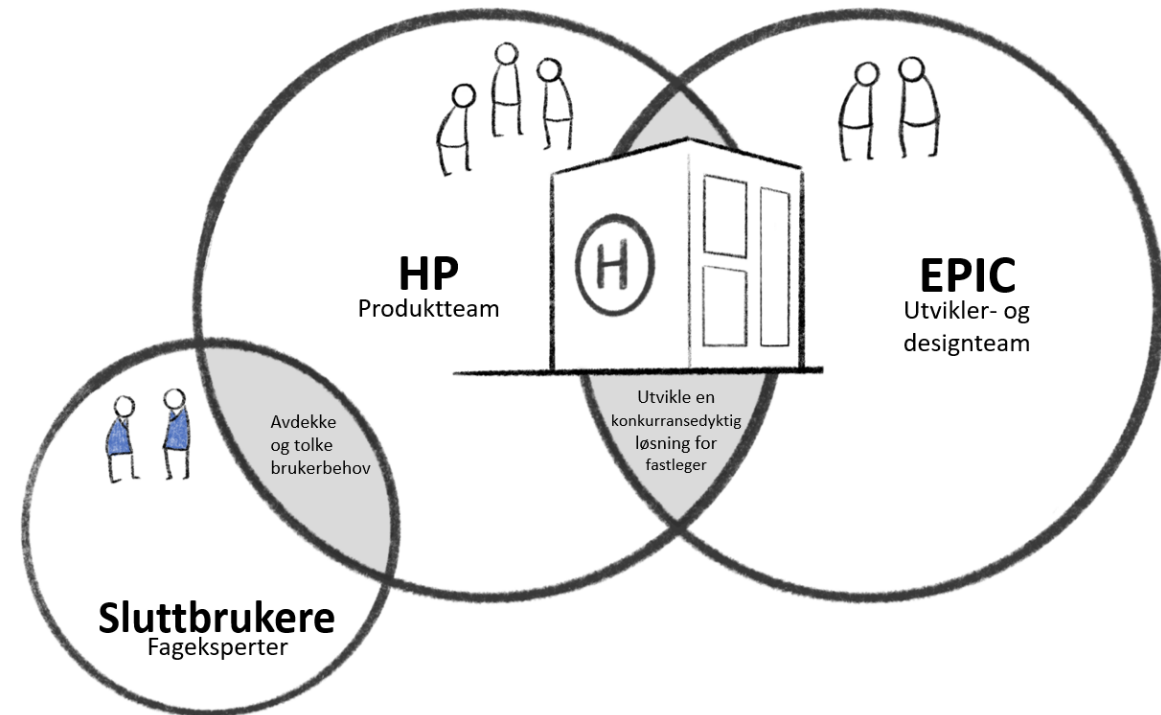


Hva er «det nye» vi forsøker å gjøre?



Gode arbeidsprosesser

Fokus på brukervennlighet -
UX-design



Gode arbeidsprosesser «lukker gapet» mellom Epic og HP



Design Principles and Guidelines

Epic H

Keep my patients at the heart

- ✓ Create experiences that inform great care and tools that foster strong physician-patient relationships.

Tell me what's relevant

- ✓ Present the information the clinician needs at that moment, using words the clinician will easily understand (Be direct and concise while avoiding technical jargon).
- ✓ Make it easy to explore more details without losing context.
- ✓ Ensure the information in the system is accurate and up to date so clinicians trust what they are seeing.

Equip me, my team, and community to collaborate

- ✓ Care teams can easily coordinate the patient's care while working at the height of their licensure.
- ✓ Be inclusive by default; ensure that the products, services and interfaces can be used by people of all ages and with all functional levels, in different situations and under different conditions. No excuses.

Take care of things for me

- ✓ Like a thoughtful assistant, queue things up for me and handle the administrative documentation (doctors not documenters).

Provide intuitive, efficient tools

- ✓ Keep the workflow simple and consistent, flexing for complexity or the "one-more-thing."
- ✓ The interface looks and feels appealing and visually calm. Content should be easy to scan.
- ✓ The software matches the clinician's mental model. Workflows are as clear as possible, requiring minimal training to master. It's easy to use and understand.
- ✓ The software accelerates a clinician's workflow by anticipating their need and intelligently suggesting information, actions, or personalization.

Adapt to fit the way I practice medicine

- ✓ Clinicians feel like workflows were made just for those in their line of work.
- ✓ Provide easy-to-learn personalization settings that give clinicians control, adjusting automatically when it's right.
- ✓ Workflows adapt to clinicians and not the other way around.

Workflow : Ideation -> approved design

Working in feedback-loops to test and iterate on the final design.
Moving from needs to ideas to an approved design.



Grundig innsiktsarbeid for å kartlegge brukerbehov

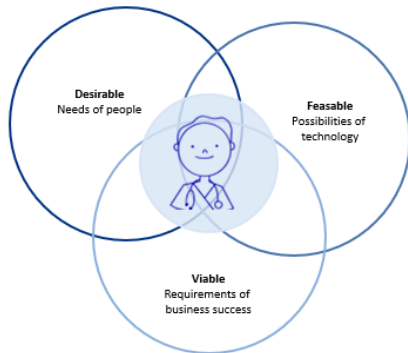
All design forankres i brukerbehovene og med fagekspertene

Designprosessen er transparent og tydelig beskrevet i alle ledd «Feedback review cycles»

UX-designere er spesialister på brukeropplevelse



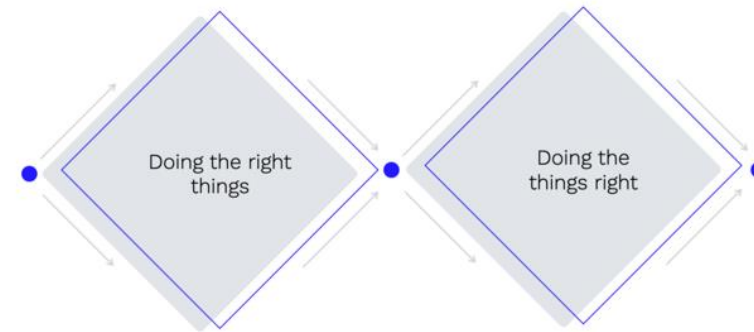
Design thinking – User centred



"Design Thinking is a human centred approach to innovation that draws from the designer's toolkit to integrate the needs of people, the possibilities of technology, and the requirements for business success."

- Tim Brown, grunnlegger av IDEO Design firm USA

Design thinking - Double diamond process



UX-designeren skal forstå brukerbehov, og "oversetter" dette behovet til et brukervennlig produkt

Nåværende brukerflate

Hanna Gunderson
Kvinne, 43 år, 01.01.1980
16017616831

Søk

Fastlege: Me
Org. for pasientbeh: Ingen

Allergier: Egg

BT 120/80 Puls 60 Temp 36,7 °C
> 1 dag > 1 dag > 1 dag

Vekt 70 kg Høyde 170 cm

20.02 KONSULTASJON

SIDEN DITT SISTE BESØK
Allmen med
Ingen resultater

PROBLEMLISTE
Aortastenose
Tonsillitt
Diabetes type 2

Neste time: Ingen
Neste time i legesenteret: Ingen
Egenbetalingssaldo forfalt: kr 7724

Fastlege

Problemliste Historikk

Notat for behandlingskoordinasjon

Søk etter nytt problem + Legg til Vis: Tidligere problemer

Diagnoserreferanse

Diagnose	Sorteringsprioritet			
Aortastenose	Hay	▲	✕	+
Diabetes type 2	Ikke-prioritert	▲	✕	+
Tonsillitt	Ikke-prioritert	▲	✕	+

Merk som gjennomgått Aldri gjennomgått

Avansert visning

Historikk

Medisinsk historikk

Diagnose	Dato	Kommentar	Kilde
Gastrinom i pankreas		My comments	
Ikke-anemisk folsyreangel			
Risiko for diabetes	07.02.2023		

Kirurgisk historikk

Prosedyre	Laterilitet	Dato	Kommentar	Kilde
INNSETTING AV TANNIMPLANTAT				

Familiehistorikk

Relasjon	Problem	Kommentarer
Mor	astma	
Far	diabetes mellitus	
Søster	hjertesykdom	

Allergier

Reaksjon	Alvorlighetsgrad	Reaksjonstype	Konstatert	Gyldig til
Egg	Ikke spesifisert	Annen allergi	07.02.2023	

Merk som gjennomgått Kan ikke vurdere Aldri gjennomgått

Legemidler

Pasientrapportert

Alle resepter fra eksterne reseptkilder innhentet og håndtert.

Gjennomgå åpne forordninger

Endre (0) Gjenforordne (0) Seponer (0) Forespar dose (0)

Navn	Forordnet	Etterf.	✓	✕
metformin (Glucophage) 500 mg tablett	15.02.2023	?	<input type="checkbox"/>	<input type="checkbox"/>
oksazepam (Sobril) 10 mg tablett	31.01.2023	?	<input type="checkbox"/>	<input type="checkbox"/>
paracetamol (Paracet. Pinex) 1 g stikkpille	31.01.2023	?	<input type="checkbox"/>	<input type="checkbox"/>
sertralinn (Zoloft) 100 mg tablett	23.02.2023	?	<input type="checkbox"/>	<input type="checkbox"/>

Endre (0) Gjenforordne (0) Seponer (0) Forespar dose (0)

Merk som gjennomgått

Sist gjennomgått av Stein Olav Samstad 31.01.2023 kl. 15:29

Tilknytt signerte forordninger Pasientestimat Klinikere

Gjeldende legemiddeladvarsler

Journalnotater

16. feb 23

Journalnotater Usignert

Ønsker å ta lab pga bekymring for vitaminmangel. Tar PPI, kalsium tilskudd og testosteron (Testosterone Enanthate inj, kjøper selv på nett, ikke med indikasjon for dette). Trener 1-2 timer hver morgen, løping og styrke. Samtale om bekymringer, han vet han må jobbe med dette. Også info om at kroppen er god på likevekt. Ikke råd om tilskudd så lenge han spiser sunt og variert - noe han gjør. Sier han vil slutte med kalsium tilskuddet. Henviser pasient til akuttmottak, bruker REF135

15. feb 23 Konsultasjon

Journalnotater Usignert

Bekymret for MS, eneste symptom er varme når han skal legge seg - hatt det slik i flere år. Ikke dobbeltsyn, pareser eller sens.tap. Søsknebarn og mors søsknebarn har MS. Samtale. Ikke mistanke om MS eller annen nevr sykdom, derimot helseangst. Har allerede lest "livet er et usikkert prosjekt". Rådgivning meta-kognitivt ift håndtering av helsebekymringer. Har også oppfølging av psykolog.

Legemiddelendringer

+ metformin 500 mg oralt 2 ganger daglig

Legemiddelliste

Resepter

metformin (Glucophage) 500 mg tablett

Forslag til ny design

Cheryl Adams
Female, 63 y.o., 11/20/1959
Pronouns: she/her/hers
MRN: 37097
Scheduled
Code: Prior (no ACP docs)

COVID-19 Vaccine: Unknown
Isolation: None

Drew Walker, MD
PCP - General
Primary Cvg: Epic Us Healthcare/...

Allergies: Penicillins

1:15 PM OFFICE VISIT
Wt: 77 kg >7 days

SINCE YOUR LAST VISIT
No visits
No results

CARE GAPS
None

PROBLEM LIST
Essential Hypertension
Systolic CHF, chronic (HCC)
Diabetes mellitus, type 2 (HCC)
Hypercholesterolemia
Depression

Self-Pay Bal Due: \$125.00

Current Visit

Medication Management

Review open orders

Name	Dose, Frequency	Refills		
Anti-Infective Agents				
amoxicillin (AMOXIL) 500 mg capsule	500 mg, 2 Times Daily	0 of 0 remaining	🔄	✕
metronidazole (FLAGYL) 250 mg tablet	250 mg, 3 Times Daily	0 of 0 remaining	🔄	✕
Cardiovascular Agents				
atenolol (TENORMIN) 100 mg tablet	100 mg, Daily	3 of 5 remaining	🔄	✕
furosemide (LASIX) 20 mg tablet	20 mg, 2 Times Daily	0 of 5 remaining	🔄	✕
lisinopril (PRINIVIL/ZESTRIL) 20 mg tablet	20 mg, Daily	3 of 5 remaining	🔄	✕
simvastatin (ZOCOR) 40 mg tablet	40 mg, QPM	4 of 5 remaining	🔄	✕
Central Nervous System Drugs				
citalopram (CELEXA) 20 mg tablet	20 mg, Daily	3 of 5 remaining	🔄	✕
Endocrine & Metabolic Drugs				
metformin (GLUCOPHAGE) 500 mg tablet	500 mg, BID	3 of 5 remaining	🔄	✕

SmartSets

Search for new SmartSet + Add

SmartSets

- Suggestions
- CHF Home Monitoring
- Favorites
- Follow-up Requests

Sick Leave

This Encounter: Office Visit from 8/14/2023 in Verona Medicine Clinic
None

Common Forms

- Sick Leave

More Forms

Communications

+ Ngw Communication

Let's get sending! Start a New Communication.

Journal Feed

Aug 14, 23 Office Visit Ingrid Andersen, MD

Sick Leave
Oppgi grad for sykmelding: 30

Appointment Note
diabetes follow up

Progress Notes — Ingrid Andersen, MD (Physician) • Family Medicine
Here is what is going on
Here is hte plan

Orders
Future Labs/Procedures
Follow Up with Me in 3 months

Medication Changes
+ Amoxicillin 500 mg Oral 2 Times Daily
Medication List

Resepter
amoxicillin (AMOXIL) 500 mg capsule

Encounter Messages

Read	Composed	From	To	Subject
N	8/14/2023 8:22 AM	Ingrid Andersen, MD	Adams, Cheryl	Your Recent Visit

Aug 11, 23 Office Visit Ingrid Andersen, MD

Appointment Note
diabetes follow up

Progress Notes — Ingrid Andersen, MD (Physician) • Family Medicine
Here is my note

+ ADD ORDER + ADD DX (0)

PRINT AVS SIGN VISIT

Adams, Cheryl

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Female, 63 y.o., 11/20/1959
Pronouns: she/her/hers
MRN: 37097
Scheduled
Code: Prior (no ACP docs)

COVID-19 Vaccine: Unknown
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metformin (GLUCOPHAGE) 500 mg tablet	500 mg, BID	3 of 5 remaining

SmartSets

Search for new SmartSet + Add

SmartSets

- Suggestions
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Sick Leave

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None

Common Forms

- Sick Leave

More Forms

Communications

+ New Communication

Let's get sending! Start a New Communication.

Journal Feed

This Visit

Overview Journal

Aug 14, 23 Office Visit Ingrid Andersen, MD

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Read	Composed	From	To	Subject
N	8/14/2023 8:22 AM	Ingrid Andersen, Cheryl MD	Adams, Cheryl MD	Your Recent Visit

Aug 11, 23 Office Visit Ingrid Andersen, MD

Appointment Note



Tell me what's relevant

Fewer colors and icons throughout the interface means **the most important** clinical data will stand out.



Provide intuitive tools

Consistent, intentional and trusted reports available across activities and contexts.

Aug 14, 23 Office Visit Ingrid Andersen, MD

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Aug 11, 23 Office Visit Ingrid Andersen, MD

Appointment Note
diabetes follow up

Progress Notes
Ingrid Andersen, MD (Physician) • Family Medicine
Here is my note

Orders

Snapboard Report

Message Overview Journal

Cheryl Adams
Female, 63 y.o., 11/20/1959
Pronouns: she/they/hers
MFI#: 37087
Phone: 608-270-4567 (H)

PCP: Drew Walker, MD
Primary Cvg: Epic Us Healthcar...

NEXT APPT
With Family Medicine
09/08/2023 at 7:00 AM

Aug 14, 23 Office Visit Ingrid Andersen, MD

Sick Leave
Oppgi grad for sykmelding: 30

Appointment Note
diabetes follow up

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Aug 11, 23 Office Visit Ingrid Andersen, MD

Appointment Note
diabetes follow up

Progress Notes
Ingrid Andersen, MD (Physician) • Family Medicine

In Basket Report

Journal Feed This Visit

Aug 14, 23 Office Visit Ingrid Andersen, MD

Sick Leave
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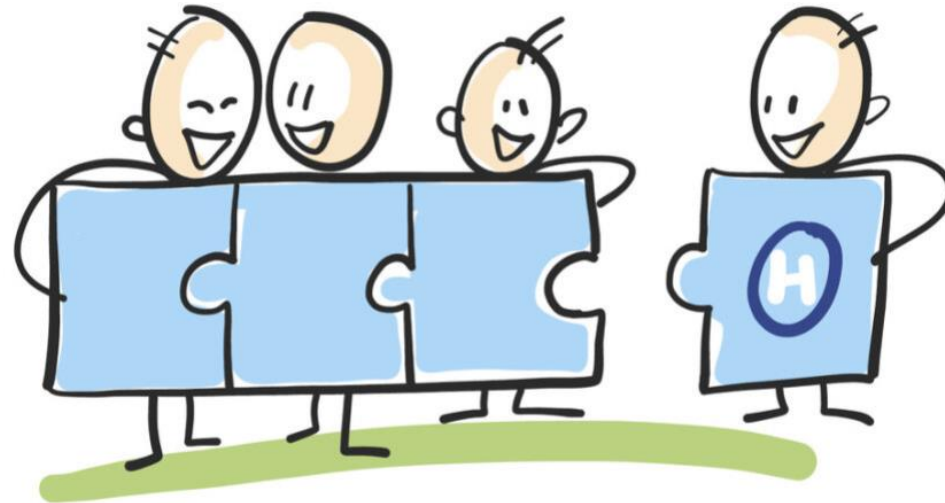
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Aug 11, 23 Office Visit Ingrid Andersen, MD

Appointment Note
diabetes follow up

Journal Feed

Produktutviklingen er en iterativ prosess



Løsningen tas til markedet når den vurderes som god nok av brukerne.

Etter det vil løsningen fortsatt videreutvikles.



HELSEPLATTFORMEN

felles pasientjournal i Midt-Norge



Takk for oppmerksomheten

Fagråd for legesamarbeid

20. september 2023

Thorleif Jansen, Ansvarlig for løsning for fastleger