



## Shared Medication Record

- Purpose/Vision
- Implementation / History
- Results
- Future



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## Shared Medication Record Purpose



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# Shared Medication Record Vision

One centralized system with information about current medication for all citizens in Denmark in order to ensure high quality, patient safety and improved treatment for Danish citizens.

# Shared Medication Record

## SMR in use

### Doctor

- View current medicine
- Make prescriptions



### Citizen

- View current medicine
- Order prescription renewal



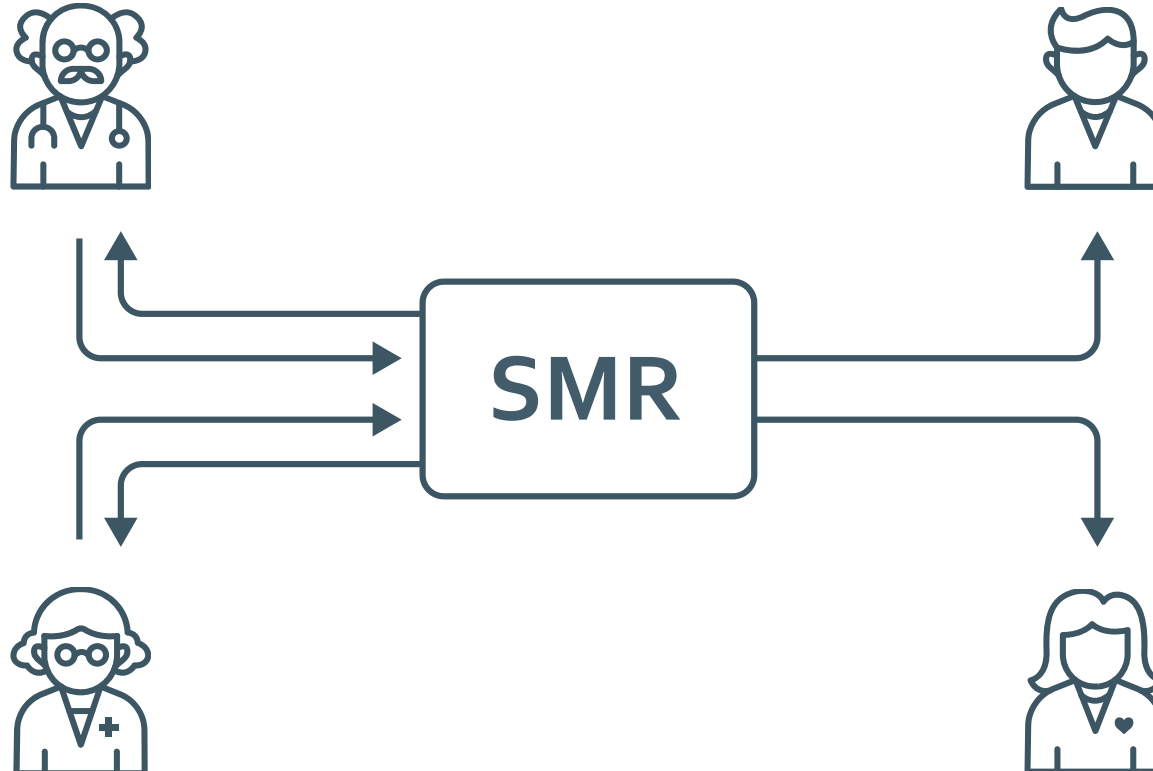
### Pharmacy

- Hand over medicine



### Home Care

- Administer medicine



# Shared Medication Record

## Reduction of possible medication errors

Emergency department



Medication overview



## Shared Medication Record Implementation



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# Shared Medication Record Timeline

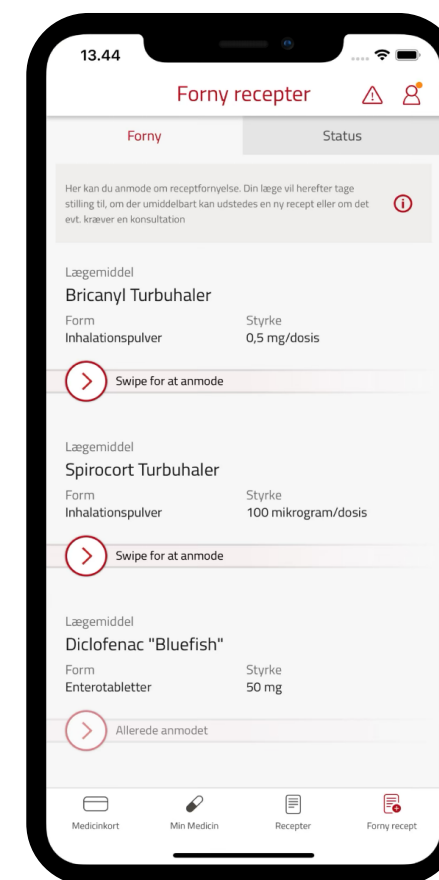
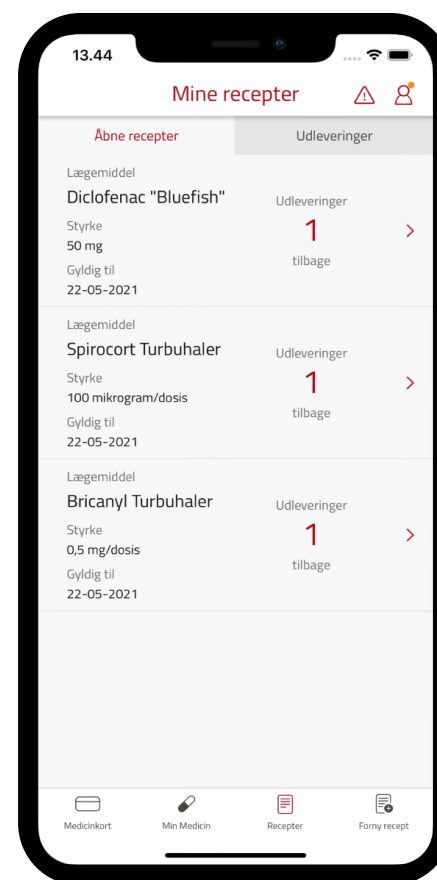
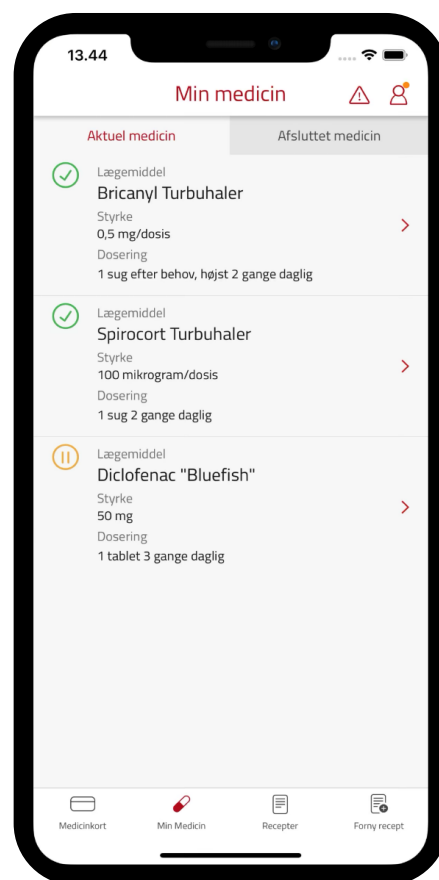


# Shared Medication Record App – Citizen Empowerment

Medication overview

Current prescriptions

Renew prescriptions



# Shared Medication Record

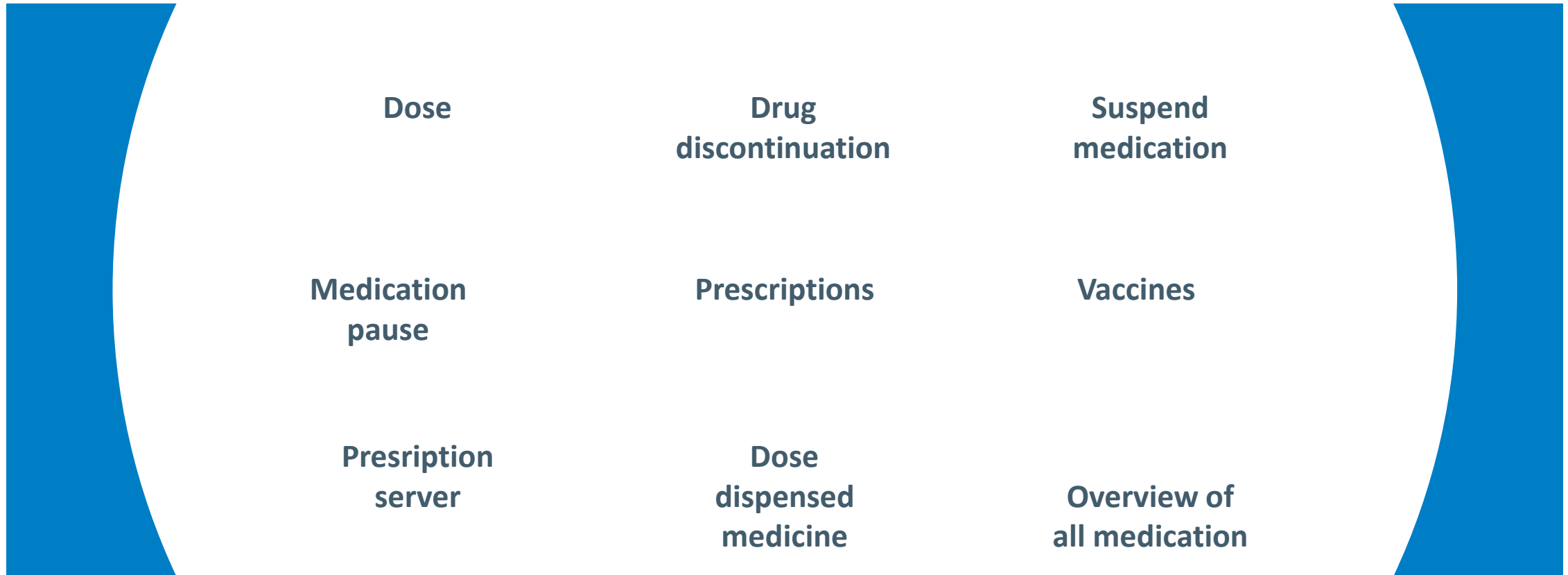
## Medication overview for local doctors - Before SMR



Prescriptions

# Shared Medication Record

## Medication overview for local doctors - **After SMR**



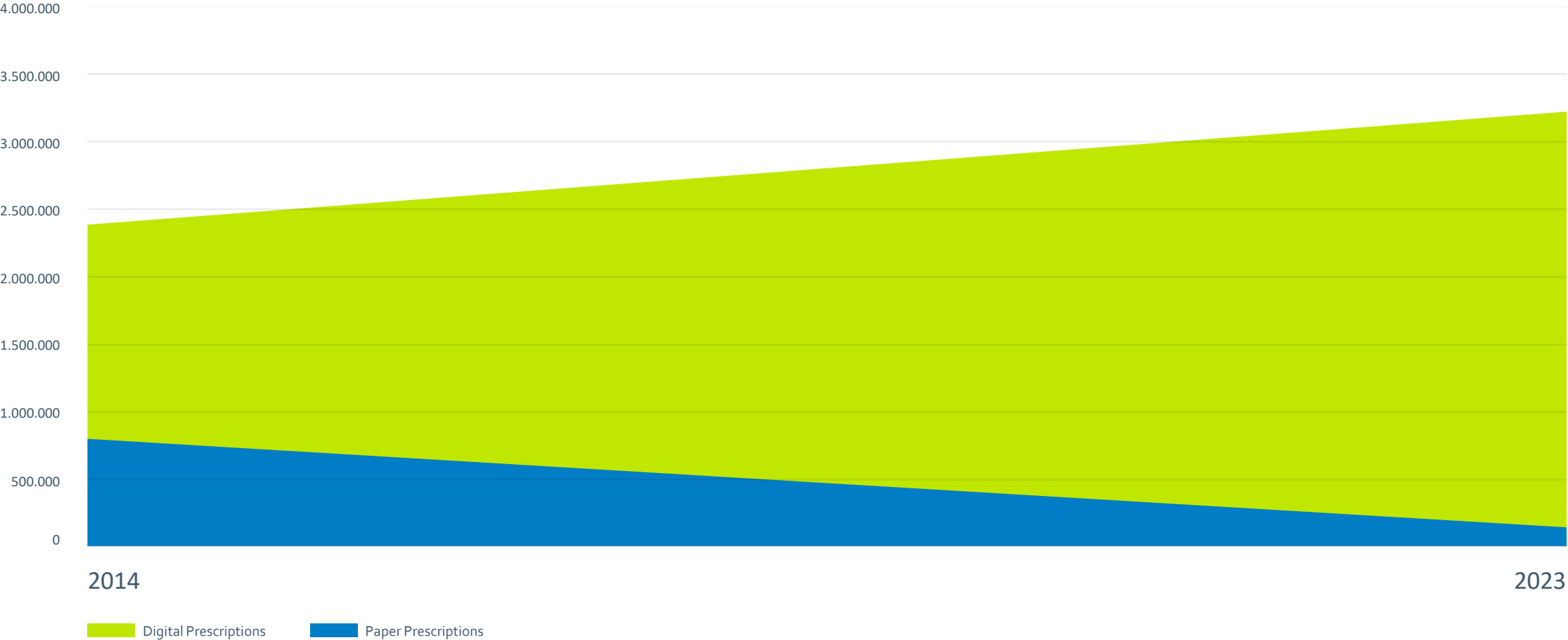


# Shared Medication Record History



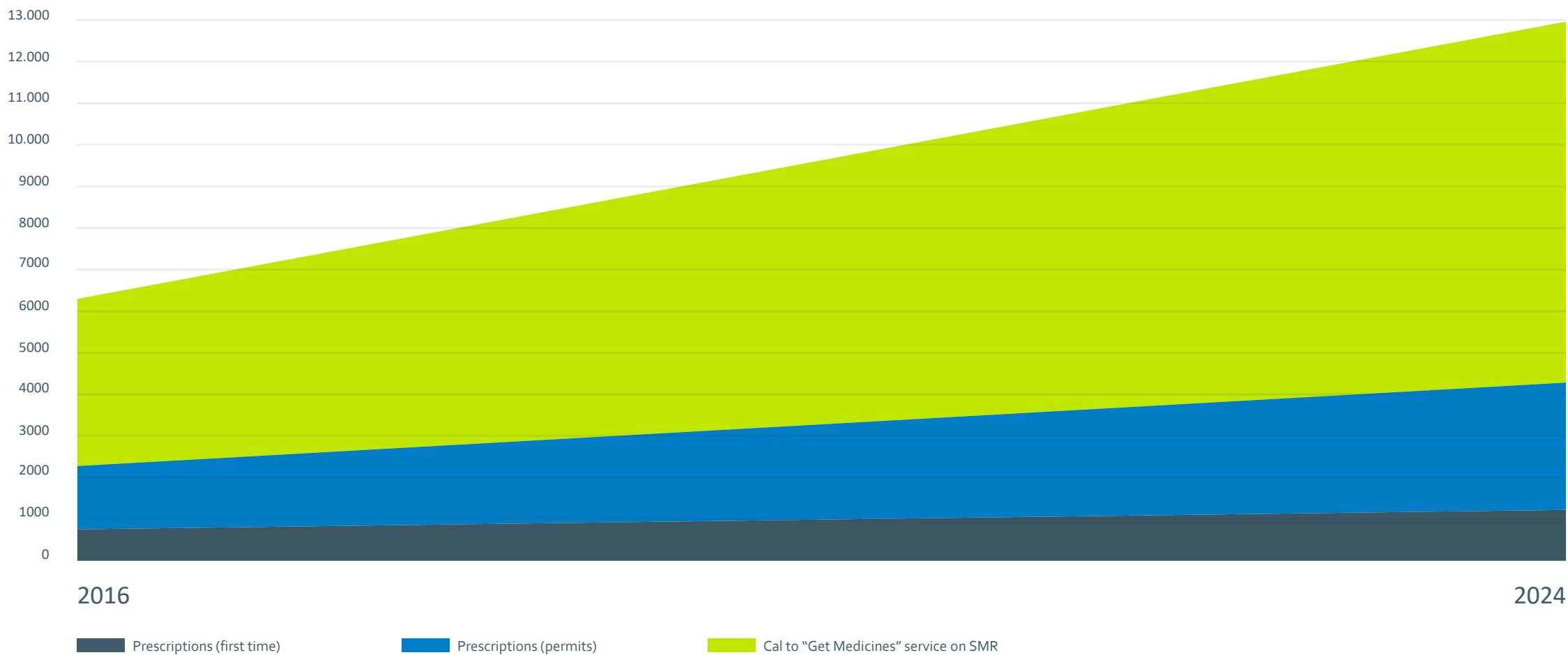
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# Shared Medication Record Prescriptions: Paper and Digital



# Shared Medication Record

## SMR usage progression, monthly





# Shared Medication Record Results



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# Shared Medication Record

## How it has become a success

- Political determination and support
- Strong stakeholder management and governance
- Common interests

# Shared Medication Record

## Some implementation elements to reach success

- National it-infrastructure was developed
- High safety (critical system in Denmark)
- Certifications
- Robust and scalable system
- Governance, incl. Roadmap for SMR
- Extensive test system
- Not a project an ongoing program
- Digital signature.

# Shared Medication Record

## Changes for healthcare professionals

### Positive changes

- Shared Medication Record is directly embedded in local systems (supporting the workflow and look and feel of that particular system)
- On-line and real time updated medication overview
- Access to medication information for all citizens

### Challenges

- Initial update of medication overview
- In-time/every time updating and correct use of the Shared Medication Record
- Knowledge about "all medication"

# Shared Medication Record

## Changes for citizens

### Positive changes

- Increased patient safety
- Patient empowerment – Overview of prescriptions, medicine and self service

### Challenges

- Trust in accuracy
- Privacy and access to data

# Shared Medication Record

## Changes for society

### Positive changes

- ONE medication system
- Reduced use of medicine
- Increased quality, patient safety and treatment
- Full digitization of the medication process
- Ice breaker for new shared initiatives

### Challenges

- Large programme across multiple sectors and stakeholders
- Change of mindsets
- Change of workflows



# Shared Medication Record Future



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# Shared Medication Record

## Future opportunities

- AI
- The team will have nation wide knowledge and overview of digitalization and medication

**Thank you!**  
For the attention

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