



MEDS
ON
TIME

**Meddyginiaeth ar
amser**

**‘Get me to my meds
on time’**

Priti Patel

Agenda

- Pam mae cadw at feddyginiaeth yn bwysig
- Trosolwg o'r offer yn y blwch offer D-MAT gan gynnwys astudiaethau achos
- Cynllun gweithredu ar sut i gychwyn rhaglen ddigidol cadw at feddyginiaeth yn eich ardal
- Archwiliwch y technolegau

Agenda

- Why is medication adherence important
- Overview of the tools in the D-MAT toolbox including case studies
- Plan of action on how to start a digital medication adherence programme in your area
- Explore the technologies

slido

Please download and install the Slido app on all computers you use



**How would you rate your knowledge
around digital medication adherence
tools?**



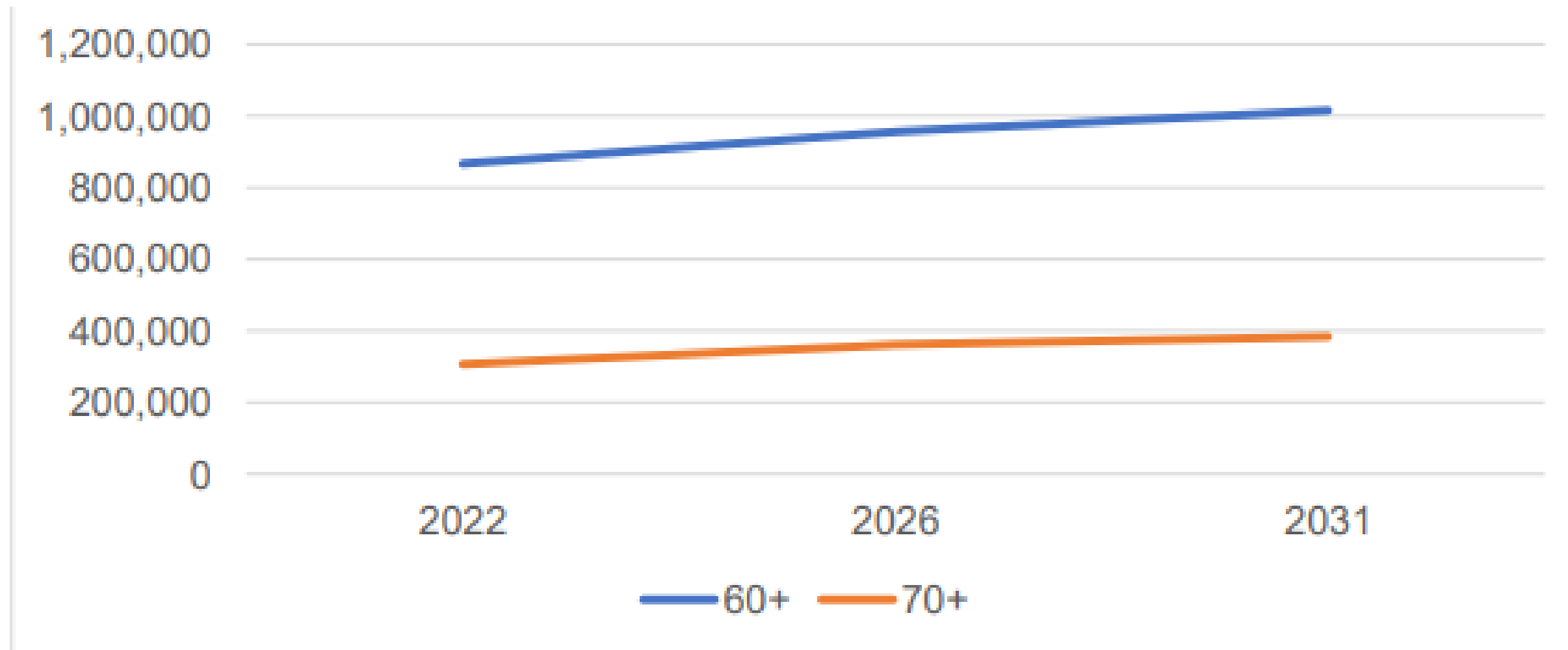
**Sut fydddech chi'n graddio'ch gwybodaeth
am offer cadw meddyginiaeth digidol?**

 Start presenting to display the poll results on this slide.

**MEDS
TIME** 

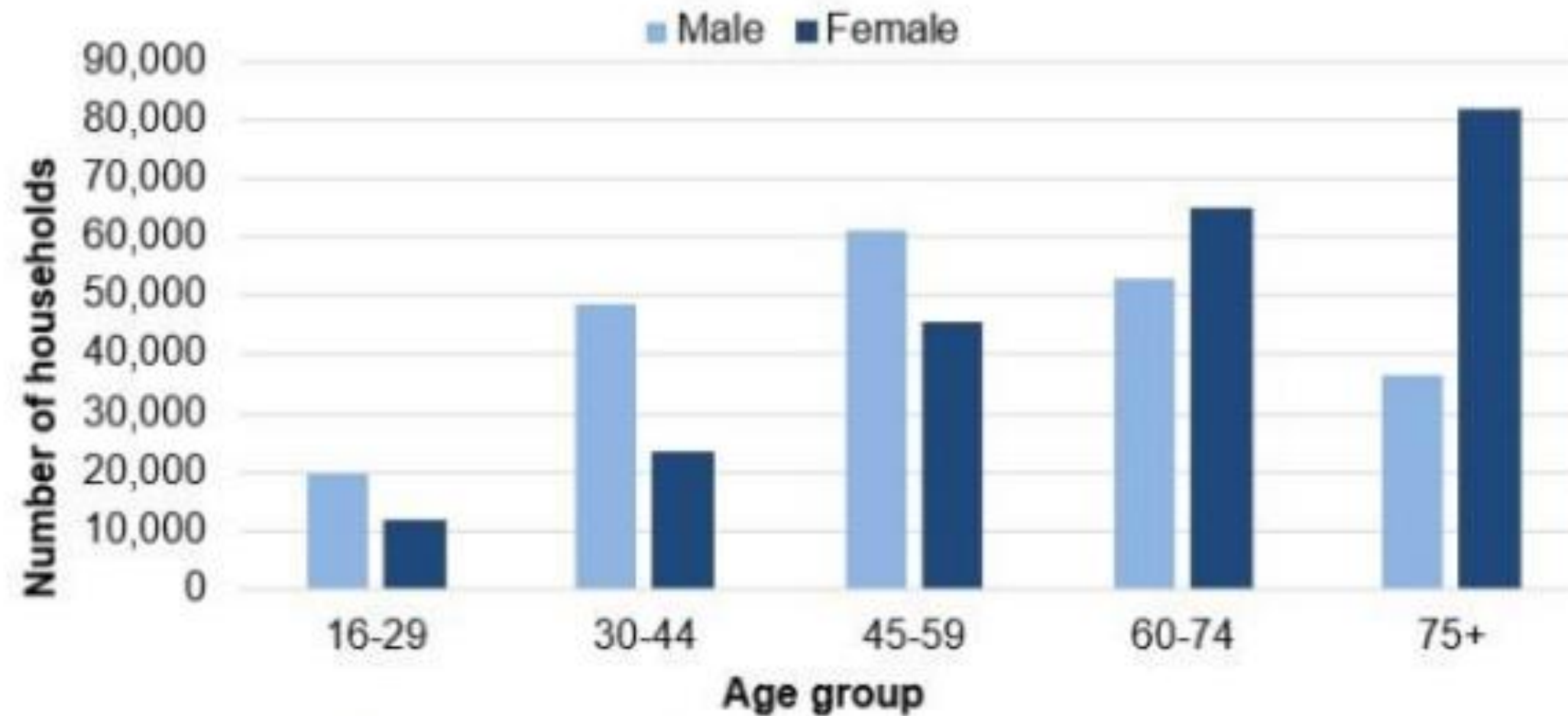
Rhagamcan o'r twf yn y boblogaeth ar gyfer y rhai dros 60 oed a'r 70au – 2022-2031

Projected population growth for over 60's and 70's – 2022-2031



Amcangyfrif o nifer yr aelwydydd un person yn ôl grŵp oedran a rhyw

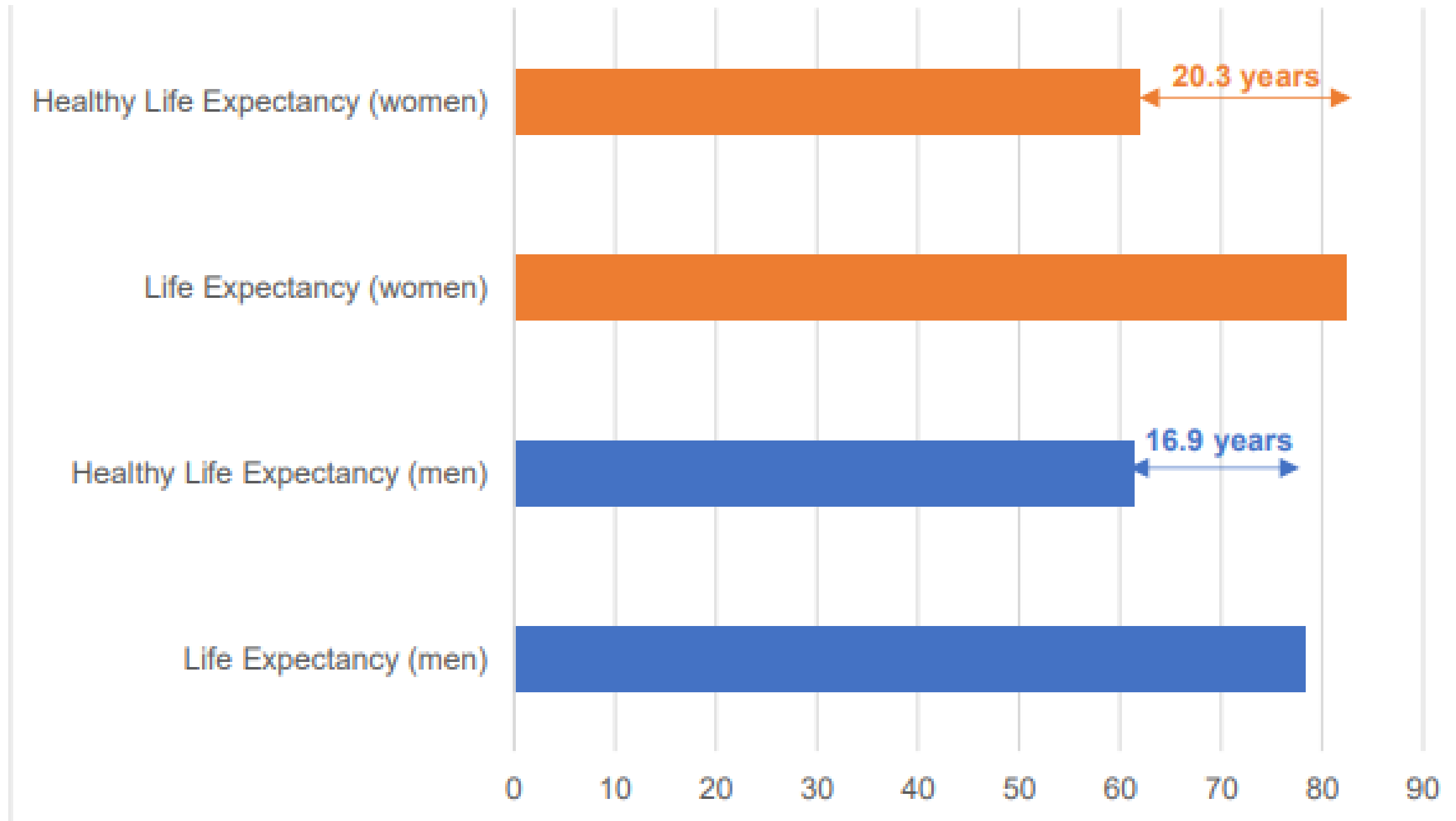
Estimated number of one-person households by age group and sex



Source: Household estimates for Wales, Welsh Government

Disgwyliad Oes yn erbyn Disgwyliad Oes Iach (Cymru)

Life Expectancy vs Healthy Life Expectancy (Wales)

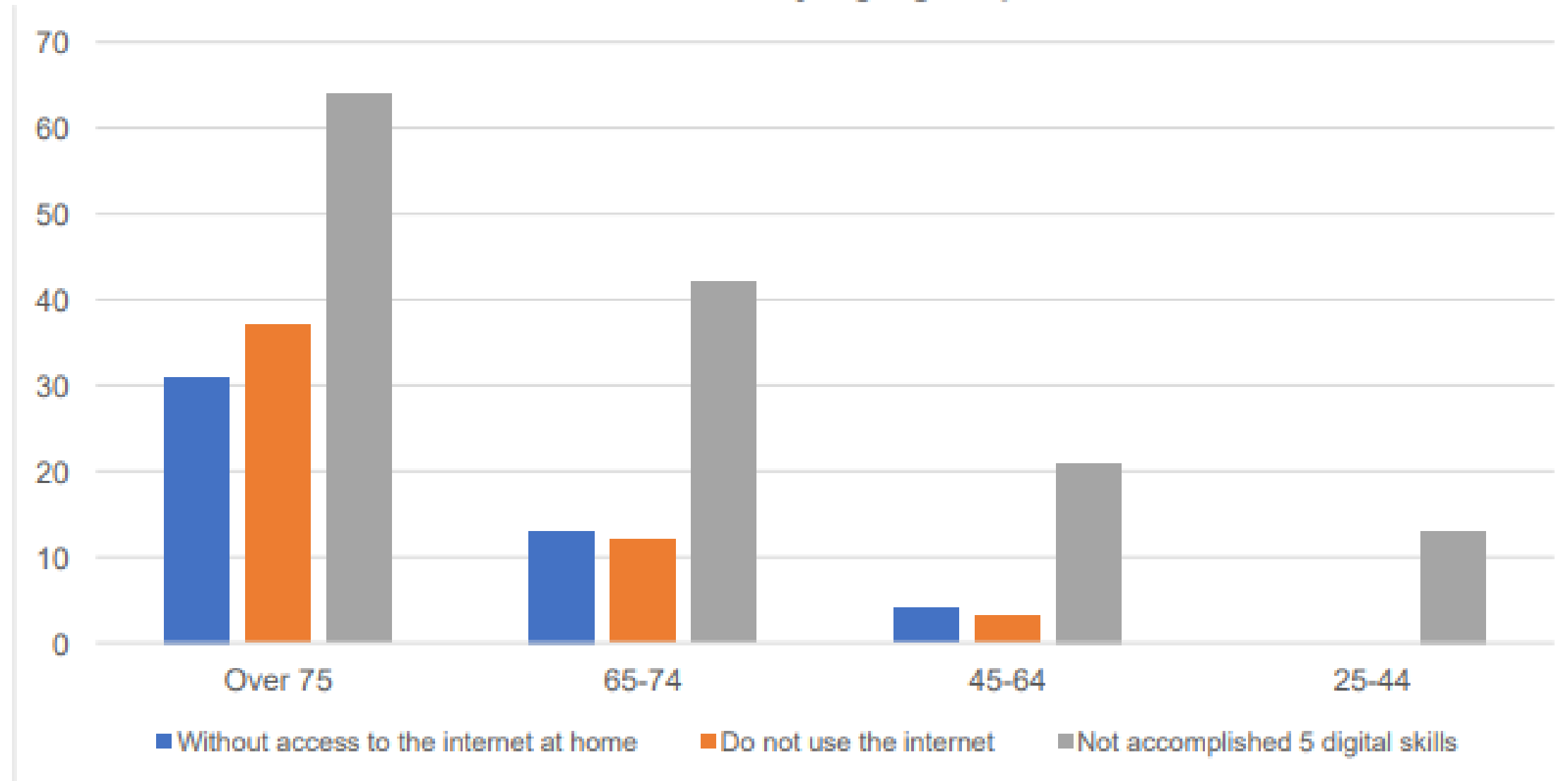


Digidol – nid oes gan 31% o bobl dros 75 oed fynediad i'r rhyngwrwd gartref ac nid yw 33% o bobl dros 75 oed yn defnyddio'r rhyngwrwd (gan gynnwys Teledu Clyfar a dyfeisiau llaw), o gymharu â 13% o bobl 65-74 oed a 0% o bobl 25-44 oed

Digital – 31% of over 75s do not have access to the internet at home and 33% of over 75s do not use the internet (including Smart TV and handheld devices), compared to 13% of 65-74s and 0% of 25 – 44's

Mynediad i'r rhyngwrwd, defnydd a sgiliau yn ôl grŵp oedran

Table 8: Internet access, use and skills by age group



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Benefits of using digital medication adherence systems

Manteision defnyddio systemau cadw meddyginiaeth ddigidol

11/03/2025

i Start presenting to display the poll results on this slide.

slido



Challenges from introducing digital technology to support improving medication adherence



Heriau o gyflwyno technoleg ddigidol i gefnogi gwella ymlyniad wrth feddyginiaeth

① Start presenting to display the poll results on this slide.

Y cyfleoedd

- Mae gwella ymlyniad wrth feddyginiaeth yn cefnogi cynnydd mewn annibyniaeth, iechyd a lles
- Yn cyflwyno technoleg ddigidol ymlyniad i feddyginiaeth yn gynnar gan ddarparu datrysiad ataliol, rhagweithiol sy'n cefnogi pobl i wneud y mwyaf o'u hannibyniaeth gartref
- Mae pobl yn cydnabod mai cymorth digidol yw'r prif gymorth ar gyfer gwella ymlyniad yn hytrach na gofalwyr
- Gellir trosglwyddo defnyddwyr o un dechnoleg i'r llall wrth i anghenion newid
- Defnyddir rhwydwaith cymorth o deulu a ffrindiau o'r dechrau i annog ymlyniad

The Opportunities

- Improving medication adherence supports increases in independence, health and wellbeing
- Introduces digital medication adherence technology early providing a preventative, proactive solution supporting people to maximise their independence at home.
- People recognise digital support as the main support for improving adherence rather than carers
- Users can be transitioned from one technology to the next as needs change
- Support network of family and friends is used from the beginning to nudge adherence

DIGITAL MEDICATION ADHERENCE TOOLKIT



Support along the care pathway

Early support

Pillpal

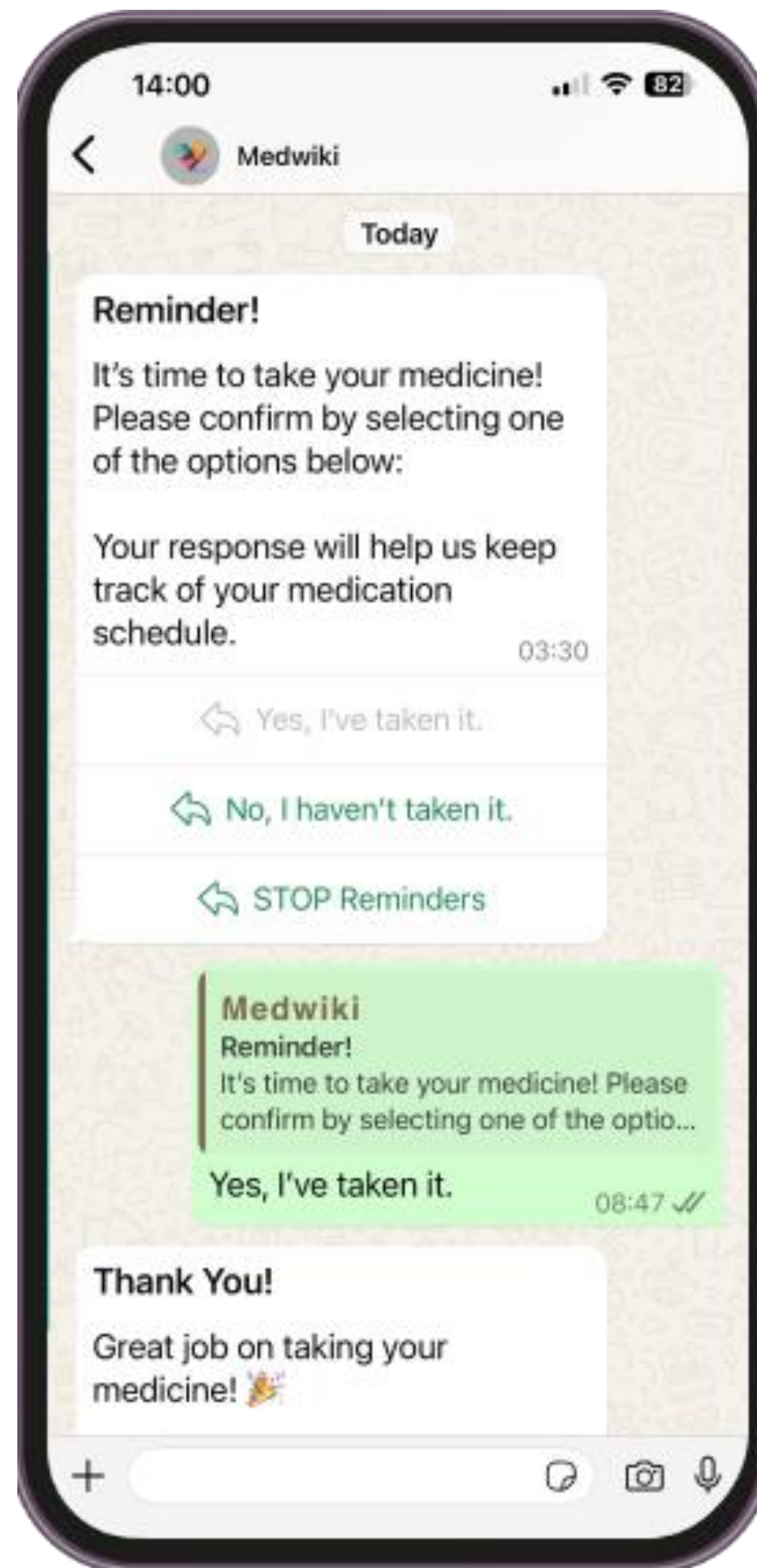
MedoDeR


YOURmeds

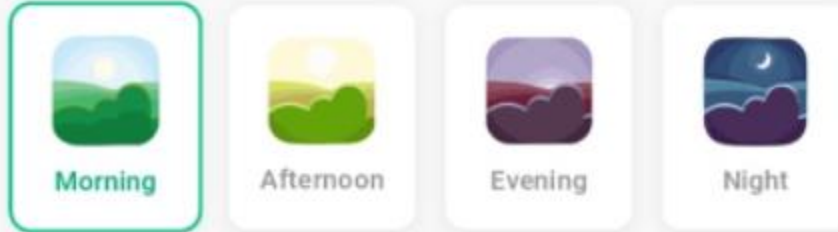
Advanced support

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MEDS
TIME 



Create new reminder



Patient

Myself

Number of Days

Enter number of days

Select Time

04 00 am

For which medicine?

Enter Medicine name

Select Dose

1x



Save Reminder

Manage Medicines

My Medicines

Family Medicines

Vitamin D
10 00 AM (1x)
01 Jan 2025 To 10 Jan 2025

Paracetamol
9 30 AM (1x)
01 Jan 2025 To 30 Jan 2025

Panadol
10 30 AM (1x)
01 Jan 2025 To 20 Jan 2025

Amrolstar Cream 30gm
5 30 PM (1x)
02 Jan 2025 To 21 Jan 2025

Pure C Tablet 10s
5 30 PM (1x)
02 Jan 2025 To 06 Jan 2025

Today, 02 Jan

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4

My Reminders

Family Reminders

Shruti's reminders

Morning 10 00 am

Vitamin D
Take with food
Dose : 1x

Morning 9 30 am

Paracetamol
Take with food
Dose : 1x
Medicine taken at: 11:06am

Morning 10 30 am

Panadol
Take with food
Dose : 1x

Prachi's reminders

Morning 5 30 pm

Amrolstar Cream 30gm
Take with food
Dose : 1x

Evening 5 30 pm

Today, 02 Jan

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4

My Reminders

Family Reminders

Raunak's reminders

Evening 5 00 pm

Bicosule
Take with food
Dose : 1x
Medicine taken at: 12:15pm

Night 09 30 pm

Refix P 50mg Dry Syrup
Take with food
Dose : 1x



DIGITAL MEDICATION ADHERENCE TOOLKIT



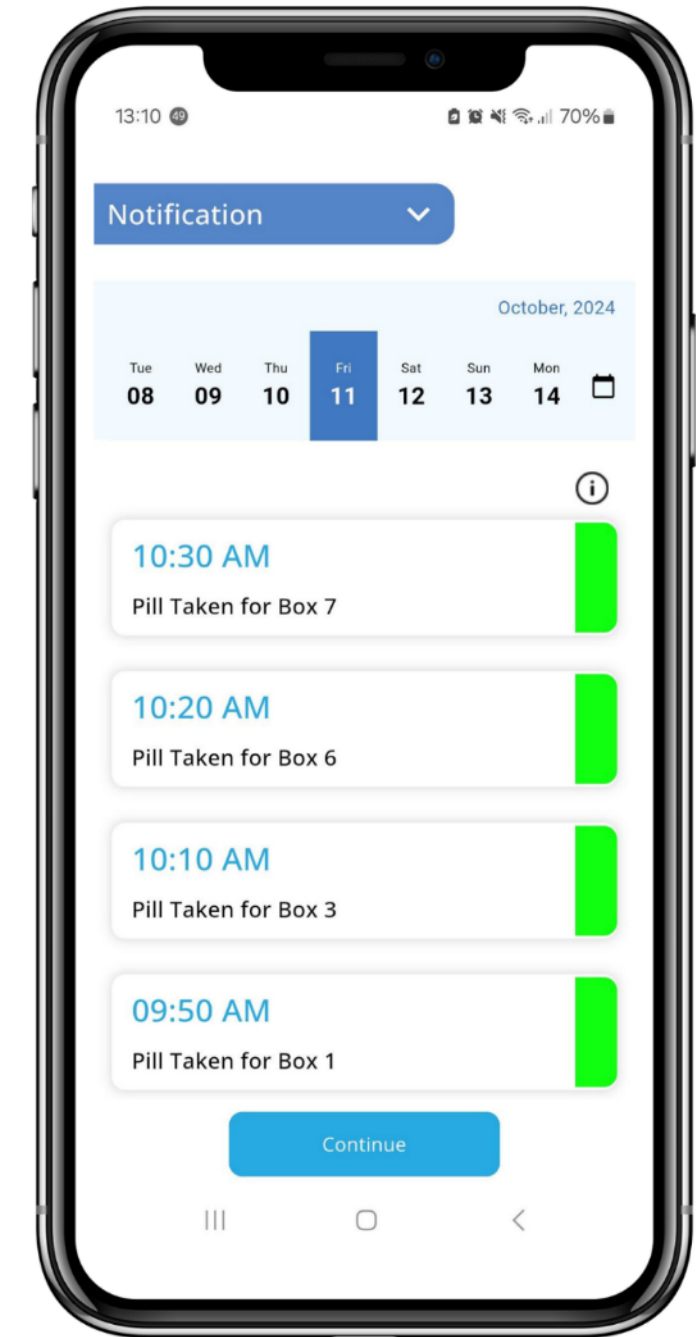
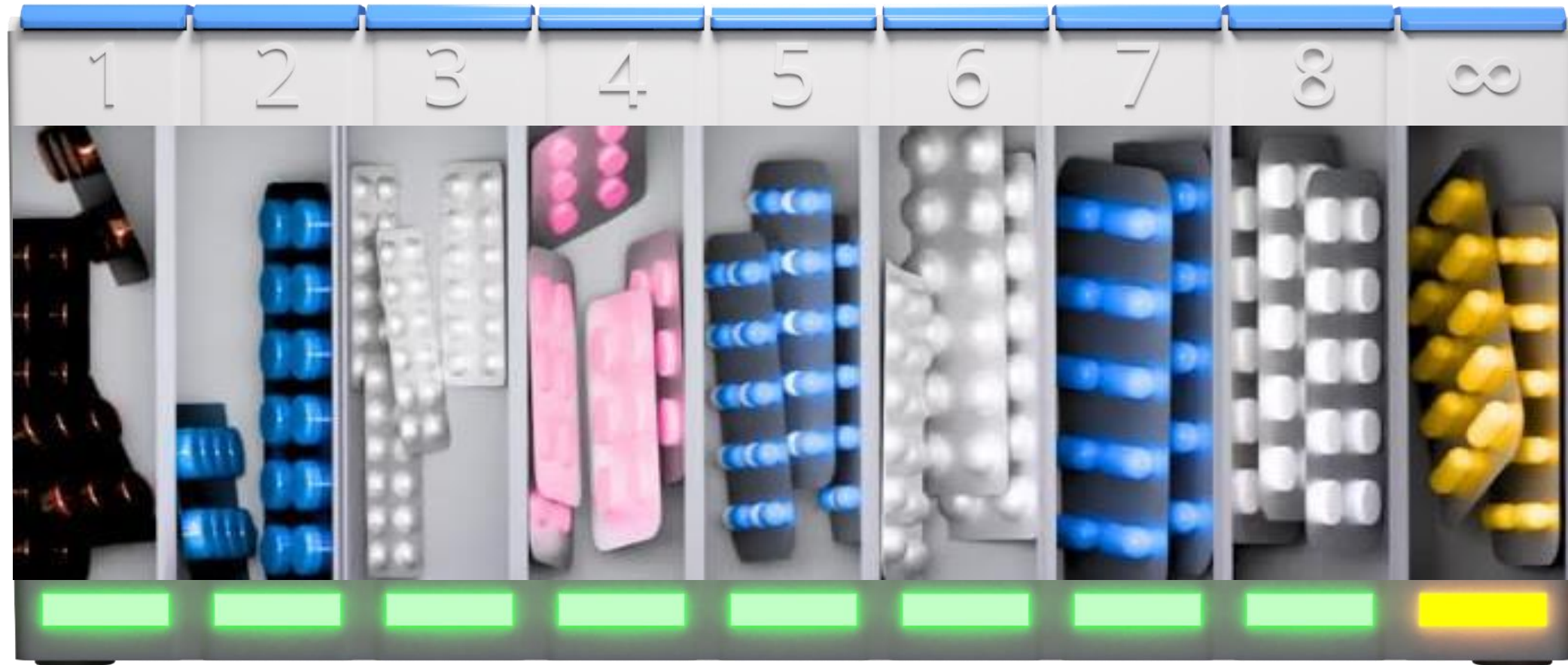
Support along the care pathway

Early support

Advanced support



MEOPDER





YOURmeds
Freedom
Self Fill



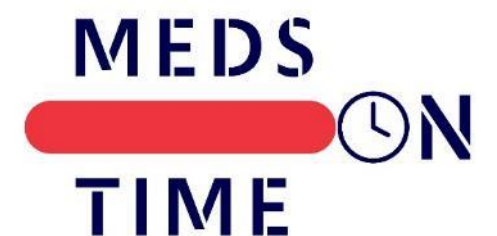
YOURmeds
Flourish
Pharmacy Fill

S u p p o r t a l o n g t h e c a r e p a t h w a y

**Early
support**

www.yourmeds.net

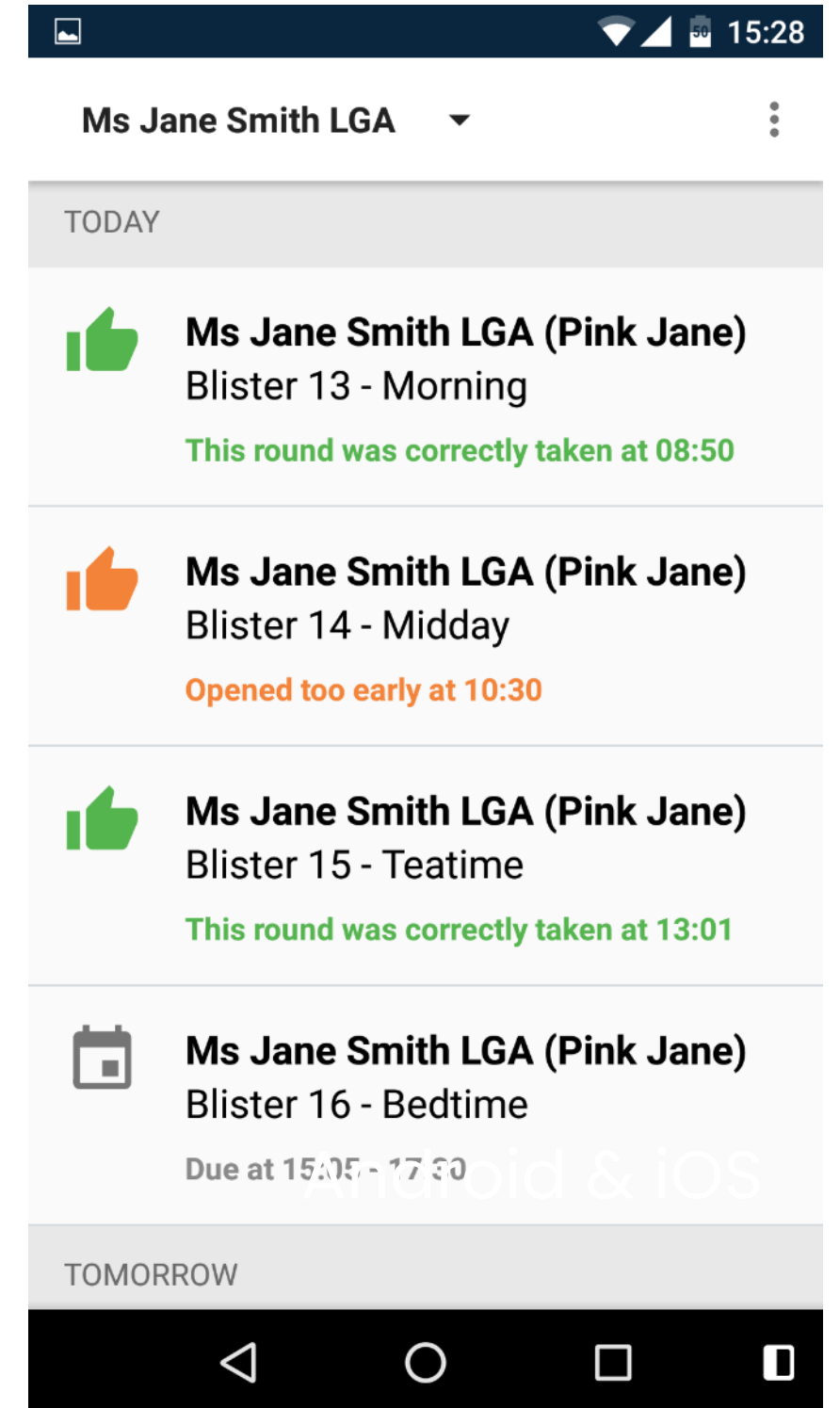
**Advanced
support**





Most recent data as of 2023-10-05 10:57:54

Patient	Last Seen ↑ 1	Last Seen Days ↑ 1	Last Sync	Battery ↑ 3	Last Pack ↓ 2	Last Signal	Schedule																
Hughes_Mr Robert	2023-10-05 09:17:41	0	2023-10-03 11:12:36	4009 mV	Disconnected	-87 dbm	<table border="1"> <thead> <tr> <th>No</th> <th>Name</th> <th>Window</th> <th>Taken</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>Morning</td> <td>10:25 - 12:30</td> <td></td> </tr> <tr> <td>14</td> <td>Midday</td> <td>16:30 - 18:30</td> <td></td> </tr> <tr> <td>16</td> <td>Bedtime</td> <td>21:00 - 22:00</td> <td></td> </tr> </tbody> </table>	No	Name	Window	Taken	13	Morning	10:25 - 12:30		14	Midday	16:30 - 18:30		16	Bedtime	21:00 - 22:00	
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Patel 123456789_Mrs Priti	2023-10-05 10:57:54	0	2023-10-04 13:33:44	4063 mV	Connected	-82 dbm	<table border="1"> <thead> <tr> <th>No</th> <th>Name</th> <th>Window</th> <th>Taken</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>Morning</td> <td>07:00 - 08:00</td> <td>2023-10-05 08:00:00</td> </tr> <tr> <td>14</td> <td>Midday</td> <td>10:50 - 12:30</td> <td></td> </tr> <tr> <td>16</td> <td>Bedtime</td> <td>21:00 - 23:00</td> <td></td> </tr> </tbody> </table>	No	Name	Window	Taken	13	Morning	07:00 - 08:00	2023-10-05 08:00:00	14	Midday	10:50 - 12:30		16	Bedtime	21:00 - 23:00	
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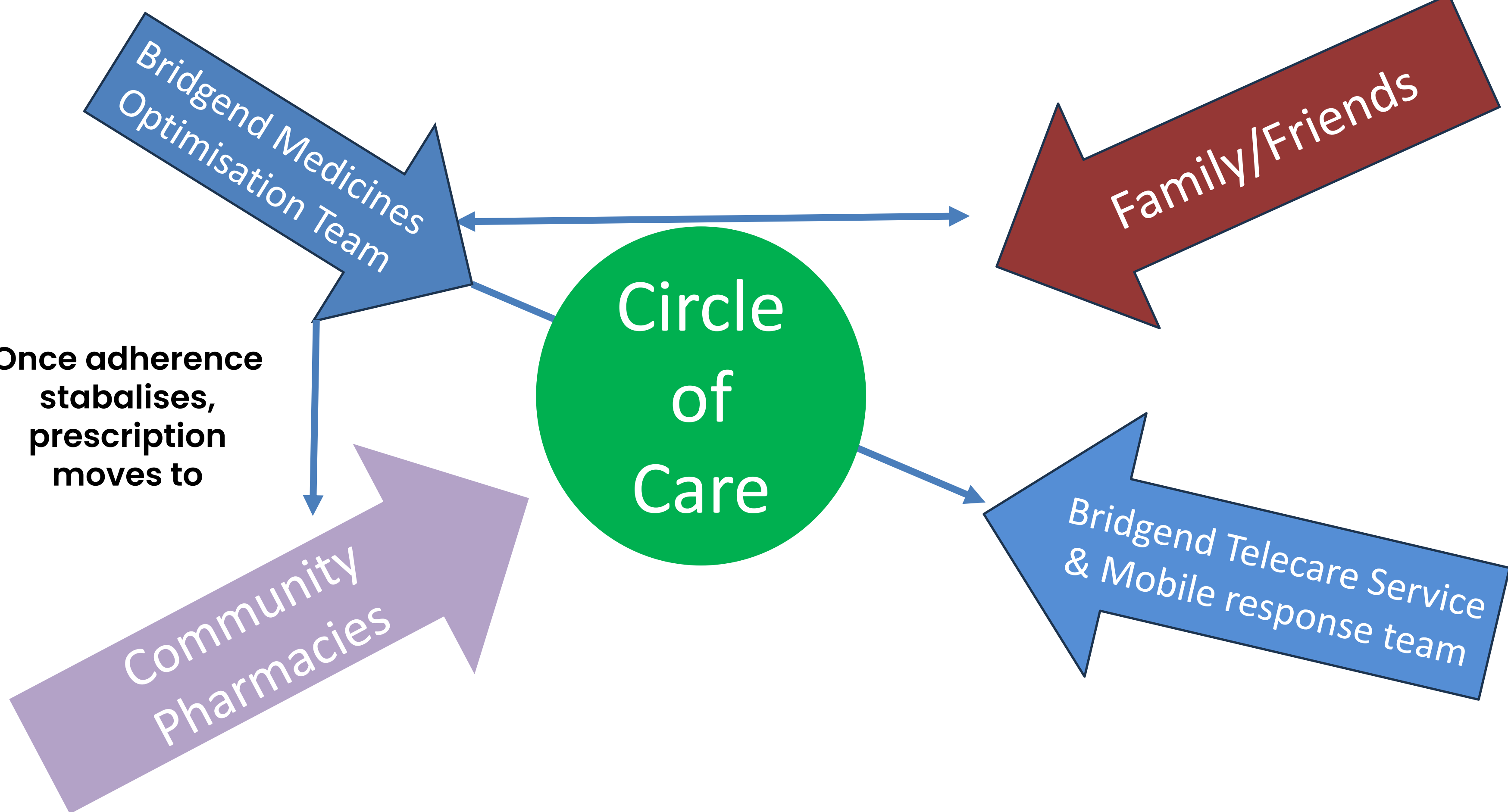


BBC



A lot of support that we have out there for

Initial assessment





Medical Adherence (YourMeds)

The online portal supports safe medication adherence and early intervention through proactive data. Life Sciences Hub Wales has managed the Medical Adherence project, completing phase 1 and starting phase 2 in April 2024.



**20 patients
accessing
innovation**



**72 fewer days
spent in hospital,
as a result**



**Anticipated 70%
reduction in
number of care
visits, with
savings of up to
£1000 per week**

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www.evondos.com



Support along the care pathway

**Early
support**

**Advanced
support**

MEDS
TIME 

evondos®

European market leader in automated medicine dispensing

Established
2008

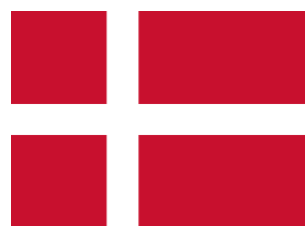
Medical
Device Class 1
(CE-mark)

Regulatory
Compliant

DPA2018
ISO 27001

Customers:
+ 500 Councils/
Care providers

Global
investment



**Providing a global
market leading service**





EVONDOS DEMO



Evondos automatic medicine dispenser

Overview

Locked medicine container

- Storage for 2 - 4 weeks of medications.
- Alarm at any attempt of forced entry.



Only certified staff can access the medicine

- Full traceability: All operations executed with the robot are stored on a log:
 - Record of taken/non-taken medicines
 - Who/what has been done when logged in.
 - No risk of overdosing. Pills are only dispensed when the button is green.



Video connection (Evondos Anna version)

- Direct connection to the end-user

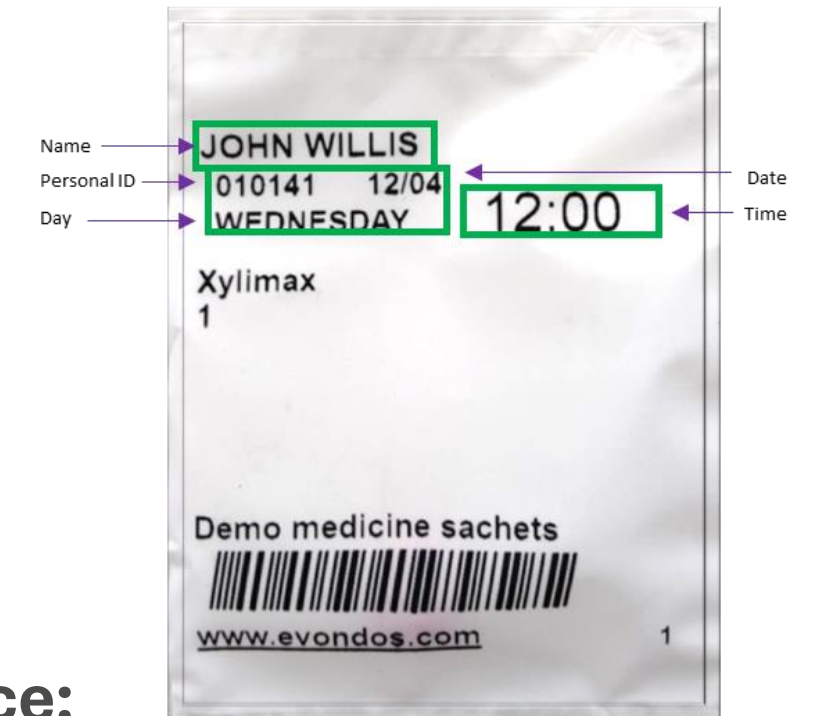


Optimized adherence:

- Automatically identifies the correct medication for the right patient and time for the dispensing windows.
- Timing for medication is read via imprinted data on the sachets.
- Automatic reminders also for non pill medicines:
 - Liquid/powder and temporarily medicines
 - Doctor's appointments etc.

Locked container for missed medications

- Automatic alarm to the care provider.
- Only certified staff can access the missed medications



Design & systems thinking

Patient Ecosystem Map – NHS Tube Map



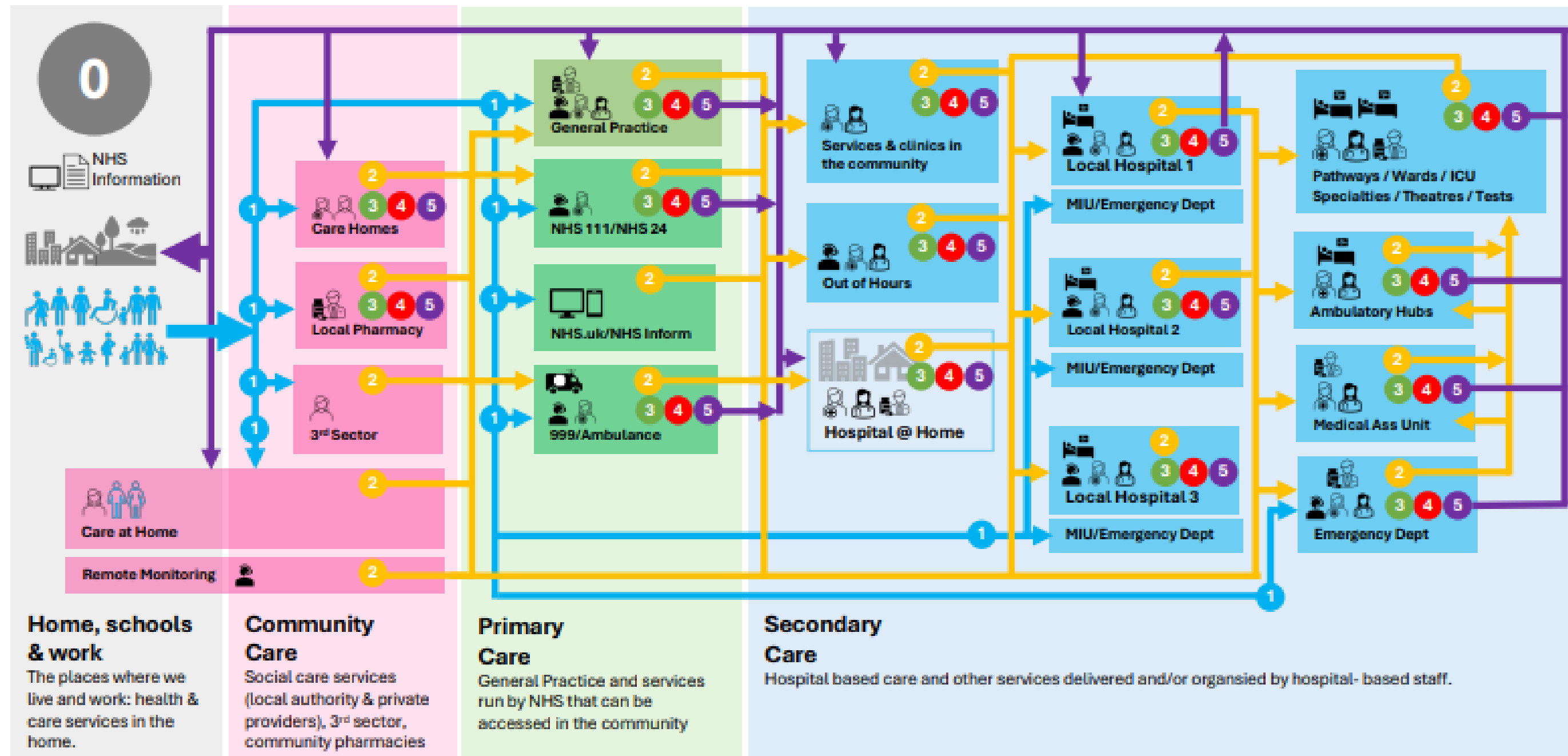
Patients enter healthcare pathways through many different access points. 1

Sometimes signposting to another service is recommended. 2

Diagnosis / Assessment and Treatment / Intervention can be delivered at many different points in the ecosystem. 3 4

Across the ecosystem there are many different discharge pathways. 5

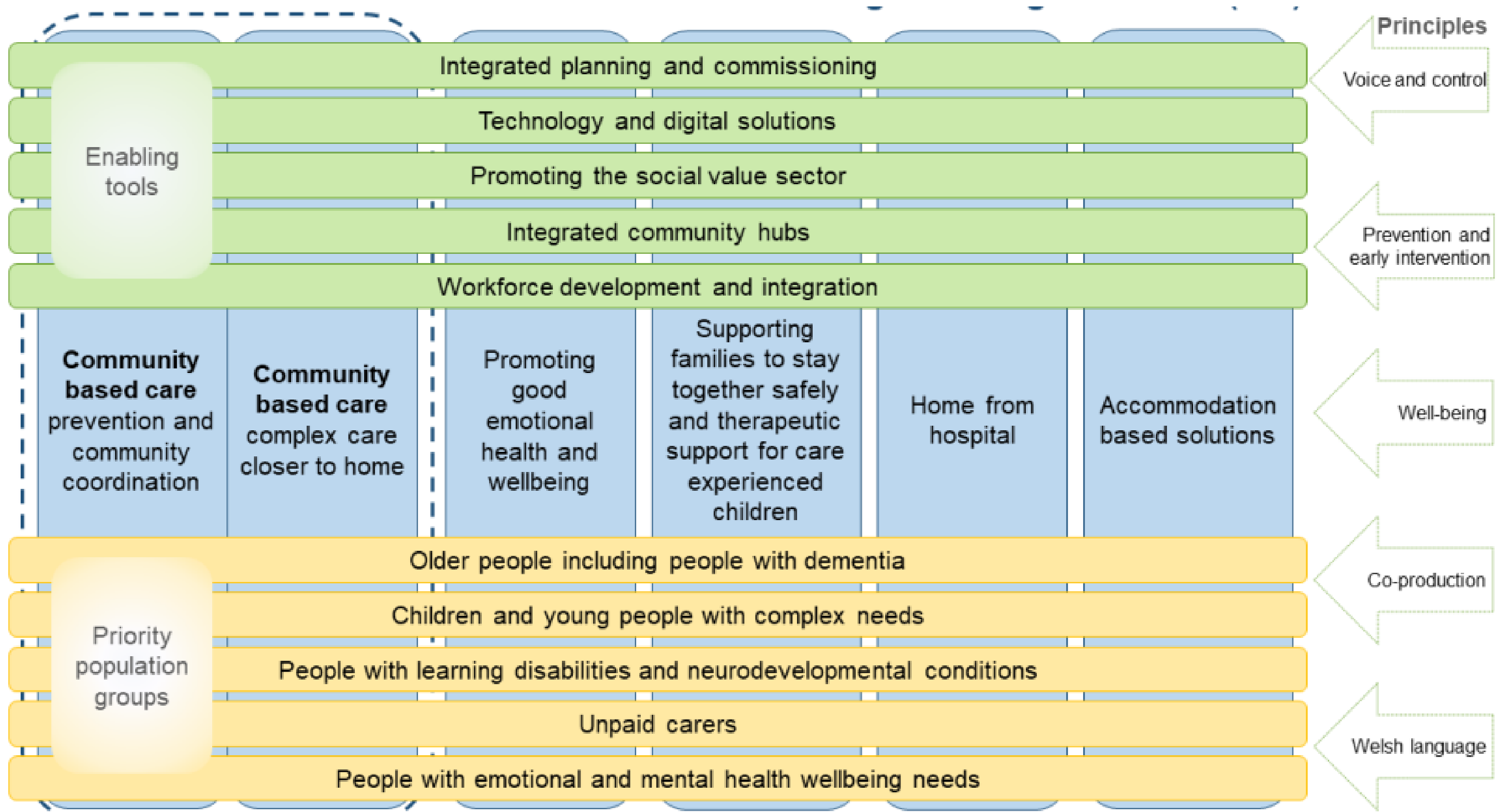
Every patient will experience their own route map through the ecosystem.




Line of visibility – patients don't interface directly with the supporting functions to the right of the line

National Policy
National Bodies
Regional Bodies
Board Members
Executive Team
Board / Trust Functions
• Estates
• IT
• Governance
• Supplies
• Legal
• Catering
• Lab Services
• Procurement
• Finance
• HR
• Training / Education
• Quality Improvement
• Planning
• Communications



Figure 6: National models of care for the Health and Social Care Regional Integration Fund (RIF)



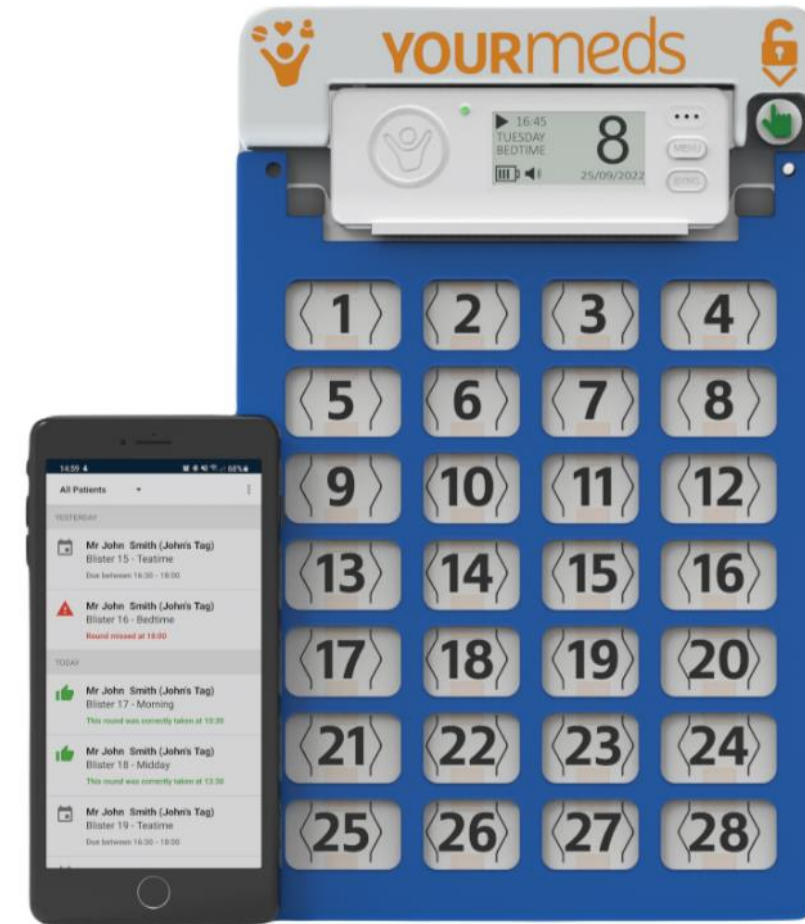
<p>Maes ffocws / Area of focus</p> <p>Pa gyfleoedd ydych chi'n eu gweld o brosiect ymlyniad meds?/ What opportunities do you see from a meds adherence project?</p>	
<p>Nodi rhanddeiliaid allweddol / Identify Key Stakeholders</p>	
<p>Pa adnoddau sydd eu hangen i wneud prosiect llwyddiannus? What resources are required to make a successful project?</p>	
<p>Nodwch unrhyw heriau/ Identify any challenges</p>	
<p>Pa dimau fyddai'r lle gorau i nodi atgyfeiriadau? Which teams would be best placed to identify referrals?</p>	
<p>Beth fyddai llwyddiant?/ What would constitute success?</p>	



Cwestiynau?
Questions?

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Explore the innovations



Support along the care pathway

Early support

Pillpal

MedoDeR


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Advanced support

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Priti Patel

Tel: 07905256769

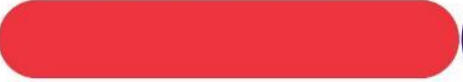

priti@medsontime.tech

Diolch am gymryd rhan

Cysylltwch

Thank you for participating

Get in touch

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