

Rotate phone for diary view

Your readings will be sent when you are next online.

Friday 1 Dec

5.9

Fri 1 Dec | 12:04pm | After lunch

4.0 Fri 1 Dec | 11:37am | Before lunch

7.9 Fri 1 Dec | 10:00am | After breakfast

3.8



>

>

>



DBm-Health Introduction







App (Patient)

BG Meter

SUT	TON, Clare								
	6 June 1956 (64yo) MRN 1	1253426							
Pat	tient timeline Patie	ent record							
May	2020 All readings are in mr	nol/L							
	Pre-breakfast	🖌 Post-breakfast	Pre-lunch	- Post-lunch		Pre-dinner	Ċ	Post-dinner	
20 Wed	3.6 08:35 ∂ ₽	5.6 09:12		5.5 ⇔	12:32	5.3 ∂ ⊜	17:01	5.1	19:50
	 Other readings 9.8 mmol/L Metf Went to the gym! 	ormin - 5 units @11:22							
	5.8 mmol/L @15								
	6.2 mmol/L @17 8.7 mmol/L @23								
	A. Stephanopoulos 4 units Lantus at								
19 Tue	4 units Lantus at			5.5 15.2 Ø	12:32 12:30	5.3	17:01	9.1	20:50
19 Tue 18 Mon	4 units Lantus at	Breakfast 5.6 09:12		15.2		5.3 5.3	17:01	9.1 5.1 ⋧ ⊜	20:50 19:50
	4 units Lantus at 5.5 08:35 3.8 08:35	Breakfast 5.6 09:12 2 ₪ 5.6 09:12		15.2 2 5.5	12:30			5.1	
18 Mon	4 units Lantus at 5.5 08:35 3.8 08:35 3.5 08:35 5.5 08:35	Breakfast 5.6 09:12		15.2	12:30	5.3	17:01	5.1 ∂≅ 12.5	19:50

Website (Physician dashboard)







Potential benefits



Patient communication

Frequent monitoring of readings and in-app messaging can facilitate improved communication and oversight

Improved adherence

Easy-to-use apps can lead to more comprehensive reporting of blood glucose levels



Faster audit

System reports replace time-consuming manual audit processes



6

Increased service capacity

Complex cases can be managed more efficiently, freeing up capacity for more patients without increasing resources

Improved reliability

Replaces paper-based processes which can be associated with poor data reliability



Support for self-monitoring

User-friendly displays of historical readings and self-help guides empower patients to self-manage their condition









Digital interventions in diabetes management – supporting evidence

NICE review of the available literature reported telemedicine interventions such as remote monitoring devices linked to clinicians for review, online education platforms and teleconference sessions were all associated with significantly reduced HbA1c levels.

Evidence was also identified to support the use of a smartphone application to enhance self-monitoring¹

A 2018 meta-analysis of 23 randomised control trials comparing the effects of digital interventions with usual care concluded:

'that participation in digital interventions, particularly web-based interventions, favourably influences HbA1c levels among patients with poorly controlled Type 2 diabetes'²

- 1. 2019 surveillance of 4 diabetes guidelines Consultation document. NICE https://www.nice.org.uk/guidance/ng28/update/ng28-update-1/documents/surveillance-review-proposal
- 2. Kebede MM, Zeeb H, Peters M, Heise TL, Pischke CR. Effectiveness of Digital Interventions for Improving Glycemic Control in Persons with Poorly Controlled Type 2 Diabetes: A Systematic Review, Meta-analysis, and Meta-regression Analysis. Diabetes Technol Ther. 2018;20(11):767-782. doi:10.1089/dia.2018.0216

NICE National Institute for Health and Care Excellence

Surveillance proposal consultation document 2019 surveillance of 4 diabetes guidelines

Surveillance proposal

- In the guideline on Diabetic fr Int (NICE guideline NG19).

Reasons for the proposals

Type 1 diabetes in adults: diagnosis and management



ersons with Poors



Healthcare professionals use the dashboard to:

- Review submitted data
- Filter patient lists
- Filter by time in target glycaemic range
- Feedback via text messages





Secure cloud environment

Clinician reviews blood glucose readings

Pat	tient li	st												Creater	reco
A	ctive	Archived										📰 Filt	ter patients	No sav	ved
¢	First name	¢	Last name	2				\$ Latest	data	¢	Day 🗘	Type 🗘	Hospital n	o. ‡	\$
	Abigail		Osborne					6 Jul 20)20		23	T1	28374643		
	James		Winfield					5 Jul 20)20		11	T2	88463728		(
¢	Clare		Sutton					6 Jul 20)20		01	T1	11253426		
	Eric		Butcher					6 Jul 20)20		15	T1	88982637		
	Jim		Moore					6 Jul 20)20		30	T1	00928362		
	Abigail		Osborne					6 Jul 20)20		23	T1	28374643		
	James		Winfield					5 Jul 20)20		11	T2	88463728		
	Clare		Sutton					6 Jul 20)20		01	T1	11253426		
	Eric		Butcher					6 Jul 20)20		15	T1	88982637		
	Jim		Moore					6 Jul 20)20		30	T1	00928362		
Diana	ying: 1-10 of 1	77 patients		< 1	2	2	1 1	 7	Q	٩	10	11 1	12 13	2	22

MacBook Pro



Feedback from diabetes clinic and requests for contact by patient as required

A









Patient list

Active 👻 All location	ns 🔻 All typ	oes 🔻							.ast 7 days 👻
≑ First name	Last name 🛛 🌣	Date of birth $\ \ \hat{}$	Hospital no. 🗘	Type 🗘	Latest data 🔅	Lowest \Rightarrow	Highest 🗘	In range 💠	Completed 🔅
📞 Abigail	Osborne	21 Apr 1989 (31y)	28374643	Τ1	Today	5.4	9.2	85%	92%
📞 James	Winfield	01 Feb 1954 (64y)	88463728	T2	Today	5.0	14.6	95%	81%
📞 Clare	Sutton	13 Nov 1944 (75y)	11253426	Τ1	3 days ago	3.2	8.4	100%	66%
% Eric	Butcher	29 Apr 1965 (55y)	88982637	Τ1	1 day ago	4.3	22.0	45%	72%
📞 Jim	Moore	18 Mar 1988 (32y)	00928362	Τ1	1 day ago	4.8	8.7	63%	90%
📞 Alfie	Crowburg	16 Feb 1966 (54y)	82574643	Τ1	Today	2.3	7.2	92%	96%
📞 Daniel	Hunt	04 Jul 1977 (43y)	23093384	T2	8 days ago	_	_	0%	0%
📞 Gordon	Brian	11 Aug 1971 (49y)	54674568	Τ1	6 days ago	5.4	11.0	97%	54%
📞 Esme	Groundwell	19 Mar 1950 (70y)	04644363	Τ1	12 days ago	_	_	0%	0%
No. Belinda	Bishop	23 Sep 1944 (76y)	46495773	T1	1 day ago	3.8	9.1	83%	83%

j

Q Log out

Create record

MacBook Pro





– Patient lis	t				
SUTTON, DOB 26 June	Clare 1956 (64yo) MRN 1	1253426			
Patient ti	imeline Patie	ent record			
May 2020	All readings are in mn	nol/L			
P	re-breakfast	Post-breakfas	st	Pre-lunch	Post-
Wed	3.6 08:35 ₽ 🛱	5.6 ¤	09:12		5. e
	 Other readings 9.8 mmol/L Metf Went to the gym! 		@11:22		
	 5.8 mmol/L @15 6.2 mmol/L @17 8.7 mmol/L @23 	:43			
	A. Stephanopoulos 4 units Lantus at		cation		
19 . Tue	5.5 08:35	5.6 <i>⋧</i> ⊜	09:12		5. 15.
Mon	3.8 08:35	5.6 ⊜	09:12		5. ⊜
17 J	5.5 08:35	5.6	09:12		5.







Send in-app text message

Su	ummary Patient	record						
Jun 2020	Pre-breakfast	Post-breakfast	Pre-lunch	Post-lunc				
12 Fri	6.0 09:00 Lantus 10 units	11.1 10:04		8.1 ®				
		Cereal with milk and some fruit		I had a homema hicken salad wi ceaser dressing				
				more 🗸 8.1				
11 Thu	5.5 08:54 Lantus 10 units	10.3 09:54		9.2				
	This is a note about why my reading is high.	Usual cereal and milk		Chicken sandwi				
	→ Another reading							
		ere. Saw the patient and is Lantus at Breakfast @1						

۵ 		
<u>.</u>	Send a message	
	Message	
View medications Ø Hide al	Some info typed here.	
Pre-dinner Constant Post-dinner Bed-ti 4 14.0 18:52 Lantus 20 units Roast beef, potatoes and cake for desert :)		
34 12 10.0 19:12 Lantus 20 units Chicken and rice with med veg		
t breakfast. Increased their dosage and patient is aware. @10.20 b 10.26 by Wolrab	Send message	
MacBook Pro		





Patients use the phone app to:

- Annotate BG data with meal tags, medication doses and other comments
- Review previous data graphically
- Request a call back from the diabetes care team





Secure cloud environment

Clinician reviews blood glucose readings

Pat	tient li	st												Creater	reco
A	ctive	Archived										📰 Filt	ter patients	No sav	ved
¢	First name	¢	Last name	2				\$ Latest	data	¢	Day 🗘	Type 🗘	Hospital n	o. ‡	\$
	Abigail		Osborne					6 Jul 20)20		23	T1	28374643		
	James		Winfield					5 Jul 20)20		11	T2	88463728		(
¢	Clare		Sutton					6 Jul 20)20		01	T1	11253426		
	Eric		Butcher					6 Jul 20)20		15	T1	88982637		
	Jim		Moore					6 Jul 20)20		30	T1	00928362		
	Abigail		Osborne					6 Jul 20)20		23	T1	28374643		
	James		Winfield					5 Jul 20)20		11	T2	88463728		
	Clare		Sutton					6 Jul 20)20		01	T1	11253426		
	Eric		Butcher					6 Jul 20)20		15	T1	88982637		
	Jim		Moore					6 Jul 20)20		30	T1	00928362		
Diana	ying: 1-10 of 1	77 patients		< 1	2	2	1 1	 7	Q	٩	10	11 1	12 13	2	22

MacBook Pro



Feedback from diabetes clinic and requests for contact by patient as required









Patient receives a text to download the app

ul 奈 0 100%	
DBm-Health >	Patient
Text Message Mon 2 Mar, 16:54	
You can download the free DBm-Health app now, click https:// www.sensynehealth.com/dbm	
Thank you for using DBm- Health. Your activation code is HWSX-QNDX-26534 This code expires on 05 Apr 2020.	App Sto
https://dev.sensynehealth.com/ app/dbmhealth/hub	

Patient enters activation code







Information Hub

- Information about diabetes
- Food and diet
- Weight management
- Activity and fitness





9:41 AM Hub

Food & diet

The main nutrient affecting b levels is called carbohyd gives you more info effect you, alon Improve You

Activity & fitness

Whether it is just walking the dog, going for a swim or somethign more - getting active can really help improve your condition and your health in general.

Further Information

Disclaimer: Sensyne Health are not responsible for external website content.









BREA	KFAST	LUI	NCH	EVENING MEAL			
BEFORE	AFTER	BEFORE	AFTER	BEFORE	AFTER		
• .8 ::30		4.7 12:30	8.1 12:50	5.0 18:30	8.1 18:54		
UNTAGGEI 8.5 at 12:38	D 3 Wed 8 Nov, 2 uni	ts Nov					
. 0 3:30	8.0 09:00	5.7 12:30	7.6 13:30	5.4 18:30	8.6 19:00		
8.7 3:30	6.4 09:00	5.6 12:30			7.6 19:00		

Landscape diary view

















Hamburger menu



Messages icon	III 중 INDO% ■ K Back Messages	
	TUESDAY 13 MAR Image: Solution of the second sec	



Sensyne Health

Designed by clinicians, focused on patients, powered by AI

SEND^M, GDm-Health^M, EDGE^M, LIVINGSTONE[®] and Sensyne Health UK are trademarks or registered trademarks of Sensyne Health UK Limited or its Affiliates (together 'Sensyne Health') and their licensors, in the UK and other countries. All other trademarks are the property of their respective owners.

All intellectual property in, related to or disclosed by this document or any information, software, hardware, product or service described herein ('Information') is the property of Sensyne Health or its licensors; no right in or title to the same is granted to any person by provision of this Information which is provided 'as is' for information purposes only.

To the extent allowed by law, Sensyne Health gives no warranty or representation regarding the Information, and disclaims all express and implied warranties regarding the same including without limitation regarding accuracy, performance or fitness for purpose. Sensyne Health assumes no duty to any person by providing the Information and to the extent allowed by law excludes all liability relating to such provision or reliance by any person, including without limitation any direct loss or indirect or consequential loss even if advised of the possibility of the same. All Information is confidential, intended for the authorised addressees only and not for further distribution.





