CASE FINDING – YOUNG PEOPLE WITH TYPE 2 (<25 YEARS)

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AGENDA

Why bother? How to address this? What is the impact?

INTRODUCTION

Type 2 YP have higher risks and great potential to change

Need specialist I:I MDT input, often several co-morbidities

How do we find them?

PHONE A FRIEND – RETINAL SCREENING MANAGER

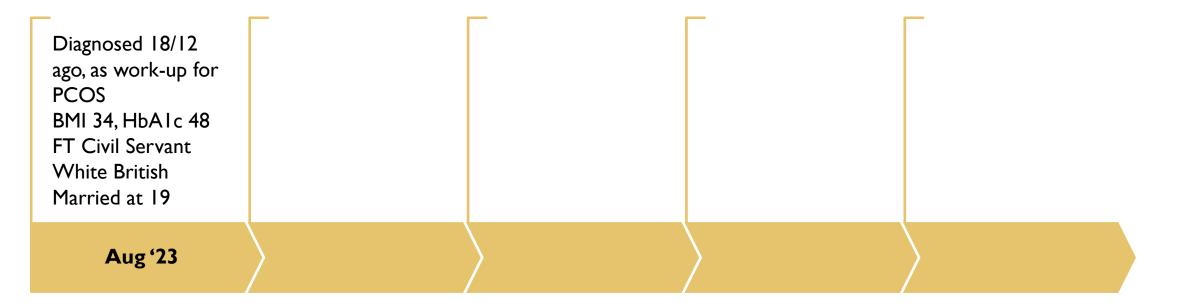
Dec 2022, 480 known to have diabetes 406 type I 55 type 2

All YP under 25 on retinal screening

Dec '23, 506 known to have diabetes Type 2 numbers increased to 74, i.e, 25% not known to our service at all







Diagnosed 18/12 ago, as work-up for PCOS BMI 34, HbA1c 48 FT Civil Servant White British Married at 19	BMI 31, HbA1c 41 FH – CVD SR Metformin Libre Dietician 24h BP		
Augʻ23	Mx plan		

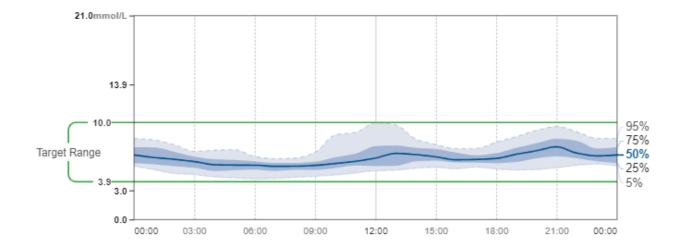
ago, as work-up for PCOS BMI 34, HbA1c 48 FT Civil Servant White British Married at 19	FH – CVD SR Metformin Libre Dietician 24h BP	Vitamin D BMI <30 for IVF		
Augʻ23	Mx plan	Mx plan		

BMI 34, HbA1c 48 FT Civil Servant White British Married at 19	Libre Dietician 24h BP		Aim weight neutral Jan '24 Mum RIP	
Diagnosed 18/12	BMI 31, HbA1c 41	Folic acid	9/40 pregnant	
ago, as work-up for	FH – CVD	Vitamin D	By Dec on insulin,	
PCOS	SR Metformin	BMI <30 for IVF	TIRp 83% (3.5 to 7.8)	

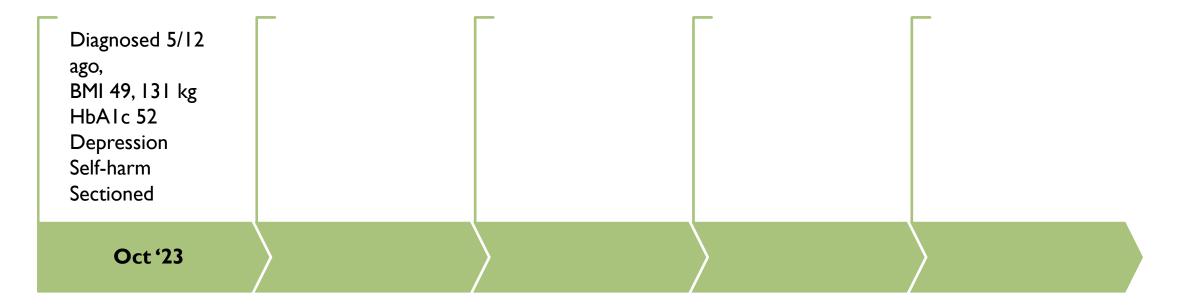
GLUCOSE STATISTICS AND	TARGETS	TIME IN RANGES		
7 April 2024 - 20 April 2024		14 Days		
Time sensor active:		97%	Von Hig	h 0%
Ranges And Targets For		Type 1 or Type 2 Diabetes	13.9 >13.9 mmol/L 10.0	
Glucose Ranges Target Range 3.9-10.0 mmol/L	Targets % of Readings Greater than 70% (18		High 10.1 - 13.9 m	mol/L (14min)
Below 3.9 mmol/L	Less than 4% (58min	n)		
Below 3.0 mmol/L	Less than 1% (14min	n)		
Above 10.0 mmol/L	Less than 25% (6h)		Target R 3.9 - 10.0 mm	ange 99% 10//L (23h 48min)
Above 13.9 mmol/L	Less than 5% (1h 12	lmin)	3.8 - 10.0 min	(2311401111)
Each 5% increase in time in range (3.9-	10.0 mmol/L) is clinically bene	eficial.		
Average Glucose		6.3 mmol/L	3.9 Low	0%
Glucose Management Indicator (GMI)		6.0% or 42 mmol/mol	3.0 - 3.8 mm	ol/L (Omin)
Glucose Variability	ion (%CV): target <36%	18.3%	Very Lov <3.0 mmol/L	V 0% (0min)

AMBULATORY GLUCOSE PROFILE (AGP)

AGP is a summary of glucose values from the report period, with median (50%) and other percentiles shown as if occurring in a single day.



BMI 34, HbA1c 48 FT Civil Servant White British Married at 19 Aug '23	SR Metformin Libre Dietician 24h BP Mx plan	BMI <30 for IVF	Aim weight neutral Jan '24 Mum RIP Oct '23 – Jan '24	TIRp 91%, 0% hypos Now 37/40 Apr '23
Diagnosed 18/12 ago, as work-up for PCOS	BMI 31, HbA1c 41 FH – CVD	Folic acid Vitamin D	9/40 pregnant By Dec on insulin, TIRp 83% (3.5 to 7.8)	MDI regimen No weight gain



ago, BMI 49, 131 kg HbA1c 52 Depression Self-harm Sectioned	FH ?aunt type I HbAIc 49 Pepsi to Pepsi Max Libre Inc metformin SR			
Oct '23	Mx plan		\rangle	

Sectioned Oct '23	Inc metformin SR Mx plan	Commenced GLP-I Mar '24	
ago, BMI 49, 131 kg HbA1c 52 Depression Self-harm	FH ?aunt type 1 HbA1c 49 Pepsi to Pepsi Max Libre	HbA1c 58 SH ongoing Libre – Binging Fruit juice to squash	
Diagnosed 5/12	Declined weight	BMI 53, 141 kg	

Oct '23	Mx plan	Mar '24	Mx plan		
ago, BMI 49, I31 kg HbA1c 52 Depression Self-harm Sectioned	FH ?aunt type I HbAIc 49 Pepsi to Pepsi Max Libre Inc metformin SR	HbA1c 58 SH ongoing Libre – Binging Fruit juice to squash Commenced GLP-1	Commenced GLP-I		
Diagnosed 5/12	Declined weight	BMI 53, 141 kg	Libre receiver		

Depression Self-harm Sectioned Oct '23	Pepsi to Pepsi Max Libre Inc metformin SR Mx plan	Libre – Binging Fruit juice to squash Commenced GLP-I Mar '24	Mx plan	dose Apr '24
Diagnosed 5/12 ago, BMI 49, 131 kg HbA1c 52	Declined weight FH ?aunt type I HbA1c 49	BMI 53, 141 kg HbA1c 58 SH ongoing	Libre receiver Commenced GLP-1	BMI 51, 137 kg HbA1c 48 Agreed to increase

High risk individuals need specialist MDT Help primary care T2DAY programme – what is your ICB doing?

SUMMARY

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