NHS Type 2 Diabetes Path to Remission Programme in BSW

Referrer education session

September 12th, 2023

MES



MOMENTA NEWCASTLE

Agenda



- Welcome, questions, recording
- Background and benefits
- The programme
- Roles and responsibilities, referral pathways
- Medications adjustments
- Searches and referral forms
- Next steps



Background and benefits



Research

- Studies: DiRECT, DROPLET
 - 'Remission' of T2D possible
- Intervention group at 12 mths:
 - 24% lost 15kg+
 - 46% achieved remission (70% retained at 24 mths)
 - Fewer adverse events
- Remission closely linked to weight loss
- Remission: HbA1c
 <48mmol/mol, >6 mths, no meds

Benefits

Patients:

- Weight loss, T2D remission
- Reduction in medications (av. 50%)
- Impact on comorbidities
- Healthy living / Quality of life
- 12 month programme & TDR free
- Participant case studies
- Practices:
 - Free service (NHSE-commissioned)
 - Referrals: WM Enhanced Service
 - Anecdotal: Reduces demands on practice by successful participants (weight loss, impact on comorbidities, peer support). Also medications reviews
 - Extensive support



Framework and Momenta



NHS England approach

- Piloted as NHS Low Calorie
 Diet (2020+) in 20 ICBs
- Similar emerging results to DIRECT
- Now a national Framework (like NDPP):
 - NHS Type 2 Diabetes Path to Remission Programme (T2DR)
 - Design similar to DiRECT
 - Jointly commissioned w' ICB
- BSW: Referrals from 1/8/23

Momenta Newcastle

- SSW provider: Momenta
- Delivering since 2020
 - Originally: Birmingham & Solihull
 - Now in 7 of 20 T2DR ICBs + others
 - Including Somerset
- Early outcomes in line with DiRECT / NHSE pilot:
 - 11-13% weight loss at 3 months
 - Maintained into Phase 3
 - Positive uptake (70-80%)
 - Helps address health inequalities



NHS

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NHS Type 2 Diabetes Path to Remission



- Follows principles of DiRECT, delivered by trained Coaches
- Three phases over 12 months, ALL free to participants:
 - 12 weeks: 8-900 calories/day TDR products
 - 6 weeks: Real food reintroduction
 - 7-8 months: Building healthy eating and activity habits into daily life
 - Plus: TDR Rescue package for those relapsing (>2kg regain)
- Delivery format: Participant choice of In-person or Digital 1:1
- TDR product supplier: Exante
- App platform: Habitual (Momenta content and coaches)
- Coaches: Comprehensive training, pref. nutrition qualification
- 500 'starters' over 2 years



Eligibility criteria (summary)



Inclusion

Aged 18-65

- T2D diagnosis within last 6 years
- BMI >=27kg/m² (>=25kg/m² if BAME origin)
- Attended monitoring and diabetes review in last 12 months
- HbA1c within 12 months:
 - If on diabetes medication, HbA1c >=43 mmol/mol (6.1%)
 - If not on diabetes medication, HbA1c >=48 mmol/mol (6.5%)
 - In all cases, HbA1c must be <=87 mmol/mol
 (10.1%)

Exclusion

- Current insulin user
- Currently breastfeeding
- Pregnant or planning pregnancy within 6 mths
- Heart attack or stroke in last 6 months; severe heart failure (New York Heart Association grade 3 or 4); severe renal impairment (most recent eGFR <30mls/min/1.73m2); active liver disease (not including NAFLD); active substance use disorder; active eating disorder; porphyria; or known proliferative retinopathy that has not been treated
- Had bariatric surgery
 - Health professional assessment; or for whom safe and robust medications adjustment is not practical in a primary care setting

NHS Type 2 Diabetes Path to Remission Programme Momenta participant journey over 12 months



These sessions follow Registration, Individual Assessment and Booking.



RESOURCES Digital participants also receive access to our App

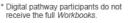


Recipe booklet Pedometer EXi app (Premium access) All TDR products

Phase 3 Workbook and Lifestyle logbook* Momenta-in-my-pocket Any TDR products required Participant experience: Sessions and resources



NHS



Meal replacement products

- ~40+ products (vegan options available)
- Participants order directly (voucher codes provided, support available)
 - Free next-day delivery to home / office
 - Includes 12-week TDR, transition & Reset plan if required
 - Example link: Phase 1 | Exante UK (exantediet.com)
- No cost to participants









Participant resources





• TDR booklet



- Digital pathway
 - Scales
 - BGM + consumables
 - BP monitor (if required)

Plus Momenta Habitual App



- Workbook
 - Session overview
 - Content & explanations
 - Activities and quizzes
 - Goals and targets
 - Backup information
 - Safety information





 Trackers e.g. weight, activity, behaviours, specifics



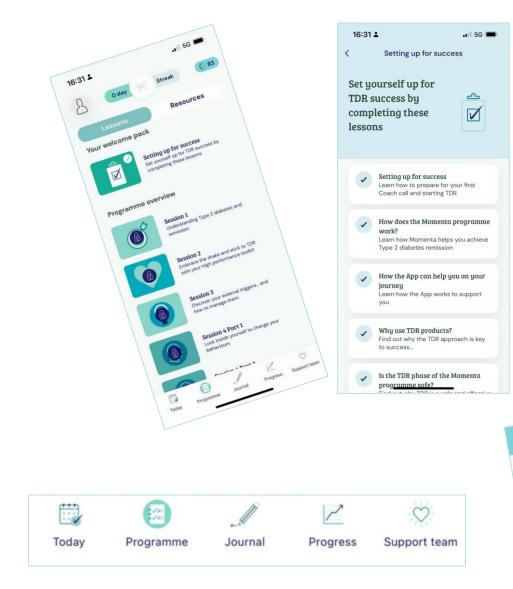
- EXi app (12 mths premium)
- Wallet card
- Pedometer



Momenta T2DR App snapshots



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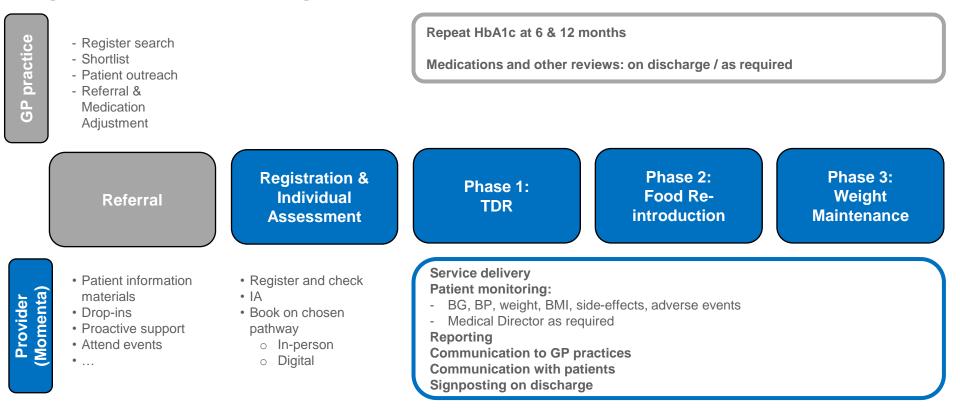
Roles and responsibilities, referral pathways

- Medications adjustments
- Searches and referral forms
- Next steps



NHS T2DR: GP practice & provider responsibilities



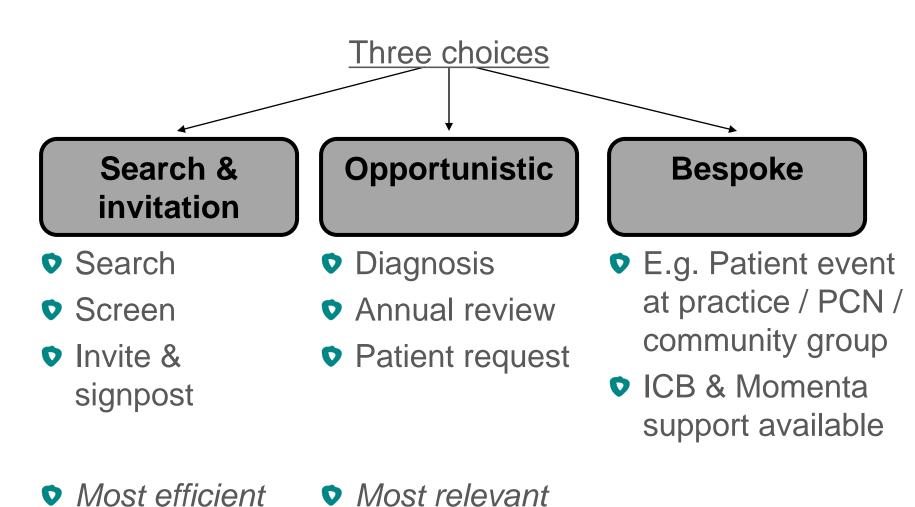


- Search-based referrals minimise patient travel & waiting times if participants opt for in-person
- Delivery venue registration: Your venue or recommendations



Identifying interested patients







Patient information



NHS

- Patient landing page for invitation texts, social media
 - <u>https://momentanewcastle.com/t2dr-bsw</u>

Ask your GP practice for more details.





Have you or a family member been diagnosed with Type 2 diabetes in the last 6 years?

Patients need to be:

Aged 18-65
 Above a healthy weight
 Able to commit to a 12 month programme

Willing to attend either in-person or digitally Comfortable with just soups & shakes for the first 12 weeks

If you/they meet these and some other specific criteria the FREE NHS Type 2 Diabetes Path to Remission Programme may be suitable.

Some NHS Type 2 Diabetes Path to Remission Programme (formerly the NHS Low Caloriee Diet) participants have achieved remission from Type 2 diabetes and reduced or completely come off their diabetes medications. Participants have also lost significant amounts of weight and feel fitter, healthier and happier. Speak to your GP practice about a referral.



For more details and patient stories: momentanewcastle.com/t2dr-bsw Service provided by



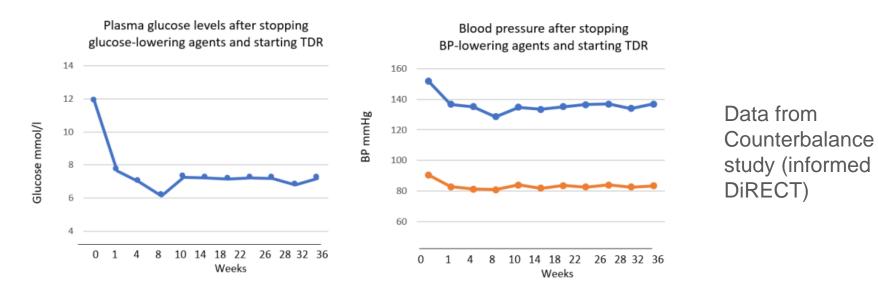
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Deprescribing: First day of TDR



- Starting medications more familiar than stopping to most
- Comprehensive NHSE Expert Reference Group guidance
 - Safe, evidence-based, pragmatic
 - More conservative than DiRECT
 - Clinical responsibility remains with referring GP
 - Do not replace clinical judgement



Deprescribing glucose medication

- Blood glucose levels drop significantly on day 1 of TDR so patients should adjust medications on the first day of TDR products (not before)
- If on 1 or 2 glucose lowering medications, stop them all
- If on ≥3 medications, continue with metformin only (or a DPP4i "gliptin" or pioglitazone if not on metformin)
- Sulfonylureas, meglitinides, SGLT2 inhibitors are NOT safe with TDR and MUST be stopped
- GLP-1 analogues should be stopped due to cost (and availability)



Which glucose-lowering agents are safe with TDR?

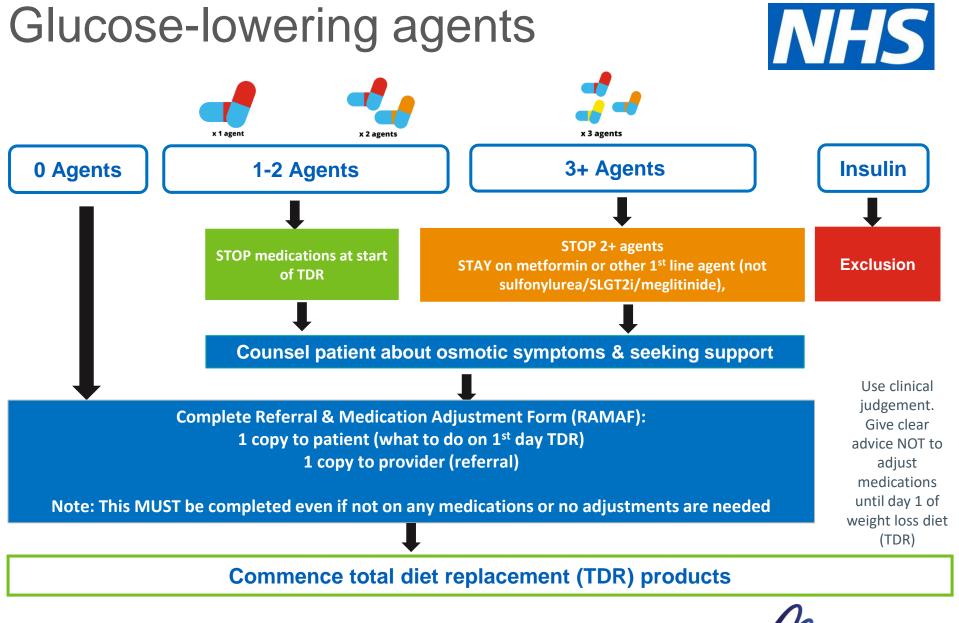


Class of medication	Examples of drugs	Is this safe with TDR?
Biguanides	Metformin	Yes – safe
Sulfonylureas	Gliclazide, Glibenclamide, Glimepiride	No – risk of hypoglycaemia
Meglitinides	Repaglinide, Nateglinide	No – risk of hypoglycaemia
Thiazolidinediones	Piogliazone	Yes - safe
DPP4 inhibitors (-gliptins)	Linagliptin, Alogliptin, Sitagliptin, Saxagliptin, Vildagliptin	Yes - safe
SGLT2 inhibitors (-flozins)	Dapagliflozin, Canagliflozin, Empagliflozin, Ertugliflozin	No - risk of ketoacidosis
GLP-1 analogues (-tides)	Exenatide, Dulaglitide, Liraglutide, Lixisenatide, Semaglutide	Yes - safe
Alpha-glucosidase inhibitors	Acarbose	Yes – safe

(insulin is not included here as people treated with insulin are not eligible for the NHS LCD Programme pilots)

NHS England and NHS Improvement





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Restarting glucose-lowering agents MHS

If Momenta flags that blood glucose is >15, or HbA1c at 6 or 12 months has risen:

- Metformin first line and is also safe in TDR
- Pioglitazone or DPP4 inhibitors are also safe in TDR

Sulfonylureas, meglitinides or SGLT2 inhibitors MUST NOT be used during TDR for safety reasons

If insulin initiation is deemed clinically necessary at any stage patients MUST stop the programme



Adjusting BP-lowering agents



• On referral:

If BP is raised (systolic ≥ 140mmHg or diastolic ≥ 90mmHg)

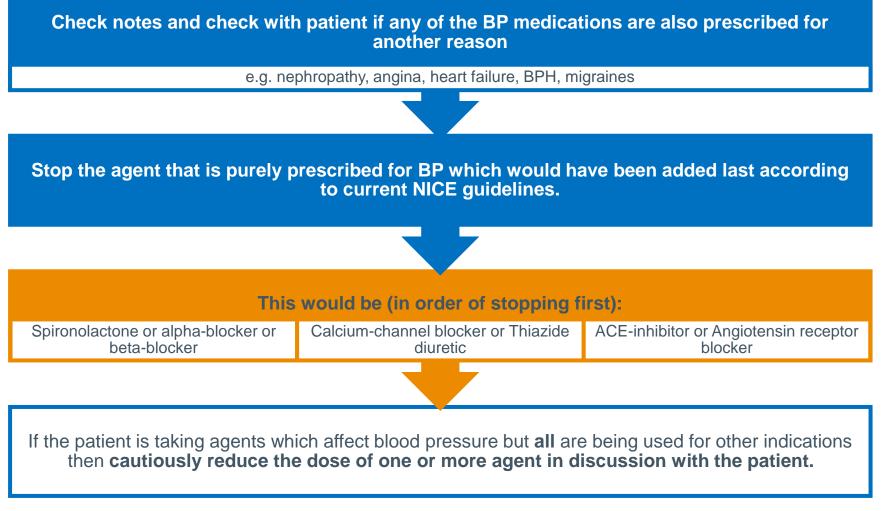
Make NO changes to BP-lowering agents

If BP is in range (both systolic < 140mmHg and diastolic < 90mmHg)

One BP-lowering agent should be stopped/adjusted on the first day of the TDR products - not before

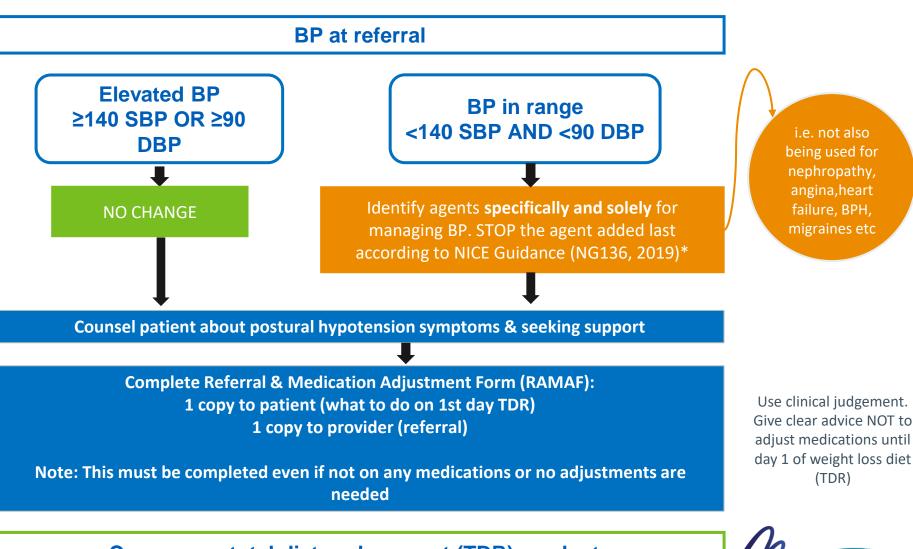


Which BP medication to adjust? NHS





Adjusting BP-lowering agents

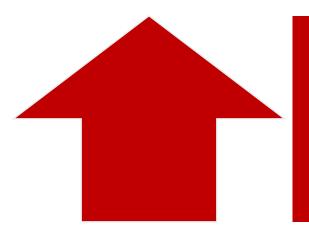


Commence total diet replacement (TDR) products



NFS

Subsequent BP agent adjustment



Blood pressure too high

- SBP 160-179 OR DBP 100-119 : Increase or uptitrate as per NICE Guideline
- SBP ≥180 OR DBP ≥ 120: Same day contact with GP practice. Increase/uptitrate per NICE



 SBP<90 or DBP<60 or postural symptoms reported: Repeat the same process for BP adjustment (on previous slide)

Agents being used specifically and solely for managing BP in a particular patient, are the priority for adjustment



Medications needing adjustment: Weight / dietary changes



Some medications may need to be adjusted due to changes in body weight or dietary intake

Some may be prescribed or administered by other services or settings

Ask yourself 'if someone lost weight or had a major dietary change, is the dose of this medicine likely to need adjustment?'

Responsibility of referrer to make sure that processes are in place for medications to be adjusted

If this cannot be done safely then the patient should not be referred to the T2DR programme



Examples – not exhaustive



- Warfarin
- Direct oral anticoagulants (DOACs)
- Digoxin
- Phenytoin
- Ciclosporin
- Antifungals voriconazole
- Long term antibiotic therapy (e.g. isoniazid) Low molecular weight heparin
- Infliximab (and other biologics)
- Long term antibiotic therapy (e.g. macrolides, aminoglycosides, fluoroquinolones, beta lactams)



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Searches and referral forms

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Making a successful referral



Step 1: Identify & invite eligible patients

Search, screen and invite: searches, template SMS / letter, patient landing page Opportunistically: Discuss at diagnosis, annual review, patient request Bespoke: Patient event

Step 2: Referral appointment, including medications adjustments

Appointment (typically 15 mins): Explain programme and discuss medication changes Make patient aware medication changes to start on day 1 of TDR Provide patient with copy of MAF

Step 3: Send referral

Ensure all sections on referral form and MAF are fully completed and email to: momenta.t2dr-bsw@nhs.net



Searches and referral forms



• On Ardens:

- Search: 'T2DR Path to Remission'
- Referral form: Under 'T2DR'

Largely autopopulated

	с т a		Programme Referral NHS		
	S Type 2	Diabetes Path to Remission	Programme Referral		
			uding GPs, nurses, pharmacists, dietitians and nains with the patient's GP and medications by an appropriate professional.		
	Acti	ons required by referring practitioner BE	FORE referral into the programme:		
1.		adjustment forms below for all patients. If n	rson, to support completion of the referral and o medications need adjusting simply select 'No'		
2	Discuss me adjust their	dication changes with the patient. Instru medications only on the day they start th			
3.		d a copy of the Medication Adjustment F not even if the patient is NOT taking a	other programme-related data, including	test results and	nited, who will securely share this data and d outcomes, with their GP practice and NHS
	day	ise note that SGLT2 inhibitors, Meglitinia of TDR <u>products</u>	England to enable the programme to be Their data will be treated as confidential requirements (including the Data Protect	and held, share	
4. •••		completed Referral and Medication Adju dr-bsw@nhs.net	Guidelines)	,	o guidance (milen includes the outdroot
	Destaution	Patient Name*: Title Full Name	In addition to seeking their consent (in comr inform patients of the GDPR legal basis reliv Momenta Newcastle's privacy policy is avail	ed upon to ho	
	Declaration*	By entering my name below I confirm ti - Meets the inclusion criteria and doe programme (see below), - Understands the context and mean - Understands that the NHS T2DR p person or digital sessions;	www.momentanewcastle.com Please complete <u>all sections</u> of this form a referral. Please note that missing information will dela request this from you before proceeding.	ind please e	
1		 Understands that this programme in diet with a fibre supplement where it 	Patient information (essential information is n	(W)	DPP4 inh
1		 Has discussed and agreed their me of TDR and has been given a writte 	Patient Name*: Title Full Name	iarkeu ⁻)	SGLT2 inl
1		- Agrees that, if they proceed on the	Sex*: Gender		GLP-1 at
1		attending yearly diabetes review ap whether remission is achieved: noti	NHS Number*: NHS Number Address*: Home Full Address (single line	a	GEFT
1		concerning symptoms considered u			Meglit
1		 disengage or drop out before the er Understands and consents to their 	E-mail address: Patient E-mail Address Telephone*: - provide at least one phone	Home*: Pa	inegit.
	Referrer's organisation	Name of GP practice: Organisation I	Can we leave a voicemail? Yes /	Telephone Does the p	
		Registered Practice Code: Organisa	What is the patient's first language?	Does the p	Are any medicines currently taken w blood pressure?*
		GP practice email address – this mus			and a second sec
1		Organisation E-mail Address	Clinical information		
	Referrer's	Current User	Date of diagnosis of Type 2 diabetes*: Weight (kg)*: must be within last 12 months	. 5	Eligibility criteria
	name*			B	Inclusion criteria Aged between 18-65 inclusive
- H-		djustment signed off by (if not above):	Height (cm) *:	0 00 00	Diagnosed with Type 2 diabetes within
	 In agreein 	haring: Before referral, please confirm g to the referral being made they are givi ed appropriately and received	BMI (kg/m ²): HbA1c (mmol/mol) * must be within last 12	B	years BMI of >=27kg/m ² (adjusted to >=25kg/ people of BAME origin)
	 they can p Their pers 	onal and medical information is being sh articipate in the <u>programme</u> onal and medical information will be stor se other than programme delivery, ensur		F C L S	Attended monitoring and diabetes revie last 12 months, incl. retinal screening, a commit to continue annual reviews, eve achieve remission. If newly diagnosed need to wait for retinal screening. HbA1c within 12 months, with values as
T	2DR Referral Mo	menta v1	Blood pressure* (mmHg):	S C R	 If on diabetes medication, HbA1c >=4 mmol/mol If not on diabetes medication, HbA1c
			Is the patient on the Learning Disability F	legister?	mmol/mol
			Is the patient on the SMI Register?		In all cases, HbA1c must be <=87 mmo
			Describe any relevant disability?	_	
			Current medication		
			Medication		

T2DR Referral Momenta v1

Diabetes: current medications:	Tick as appropriate – for dose and frequ see above table
Metformin*	Yes / No
Sulfonylureas *	Yes / No
DPP4 inhibitors (-gliptins)*	Yes / No
SGLT2 inhibitors (-flozins)*	Yes / No
GLP-1 analogues (-tides)*	Yes / No
Pioglitazone*	Yes / No
Meglitinides (-glinides)*	Yes / No
Acarbose*	Yes / No
Are any medicines currently taken which affect blood pressure?*	Yes / No Detail below:

ligibility criteria	
Inclusion criteria	Exclusion criteria
Aged between 18-65 inclusive	Current insulin user
Diagnosed with Type 2 diabetes within last 6 years	Currently breastfeeding
BMI of >=27kg/m ² (adjusted to >=25kg/m ² in people of BAME origin)	Pregnant or planning to become pregnant within the next 6 months
Altended monitoring and diabetes review in last 12 months, inc. retinal screening, and commit to continue annual reviews, even if achieve remission. If newly diagnosed no need to wait for retinal screening. HbAt within 12 months, with values as follows: • If on diabetes medication, HbAtc >=43 mmol/mol • If not on diabetes medication, HbAtc >=48	Has at least one of the blowing co-morbidites. Active cancer, heart attack or stroke in last 6 months, severe heart failure (New York Heart Association grade 3 or 4) severe real impriment (most recent eGFR -30ms/mini 173m ³), active liver disease (not including NAFLD), active substance use disorder; active acting disorder (including binge eating disorder), portynia, or from proliferative relinpagity that has not been treated (not excluding newly diagnosed awaiting retinal screening).
In all cases, HbA1c must be <=87 mmol/mol	Had bariatric surgery
	Health professional assessment that patient is. Unable to understand or meet the demands of the NHS T2DR Programme and/or monitoring requirements, or for whom the programme is not appropriate clinically (consulting with relevant Specialist teams for patients with relevant conditions) or for whom safe and robus medications adjustment would not be practical in a primary care setting.

	tions need adjusting and, if so, have all changes been noted ow? (If no, no further action required).	Yes /_No
Please note: 1	his must be completed	
patient (includi and/or no adjus	d medication changes been discussed and agreed with the ng if the patient does not take any relevant medication tments are required)?	Yes <u>/ No</u>
Please note: 1	his must be completed	
Date form completed*:	Short date letter merged	
structions for	Patient	
	w lists the changes to medications you will need to make on the fit products on the NHS Type 2 Diabetes Path to Remission Program	
replacement For your safel replacement practice pharr		art the meal GP, nurse, GP
replacement For your safet replacement practice pharm for an updated Please read th have been ad	products on the NHS Type 2 Diabetes Path to Remission Program (y do not make any changes to your medications before you st products – unless you have been specifically told to do se by your acis or other referring healthcare professional, in which case you copy of this form is document and keep it safe. You will need to understand the mer vised to make before you start the NHS Type 2 Diabetes Path to Re- remember these, you will need to request a copy from your Gf	art the meal GP, nurse, GP will need to ask ther dication changes you emission Programm
replacement For your safet replacement practice pharr for an updated Please read th have been ad If you cannot can start the If you have ar	products on the NHS Type 2 Diabetes Path to Remission Program (y do not make any changes to your medications before you st products – unless you have been specifically told to do se by your acis or other referring healthcare professional, in which case you copy of this form is document and keep it safe. You will need to understand the mer vised to make before you start the NHS Type 2 Diabetes Path to Re- remember these, you will need to request a copy from your Gf	International and the meal GP, nurse, GP will need to ask their dication changes you emission Programm P Practice before y iP, nurse, GP practi

relevant medication

requiring adjustment or monitoring e.g.

weight-based

Metformin

Sulfonylurea

DPP4 inhibitor T2DR Referral Momenta v1

N/A

N/A

N/A

N/A	
N/A	

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N/A

N/A

N/A

Location of referral form (1)



BaNES

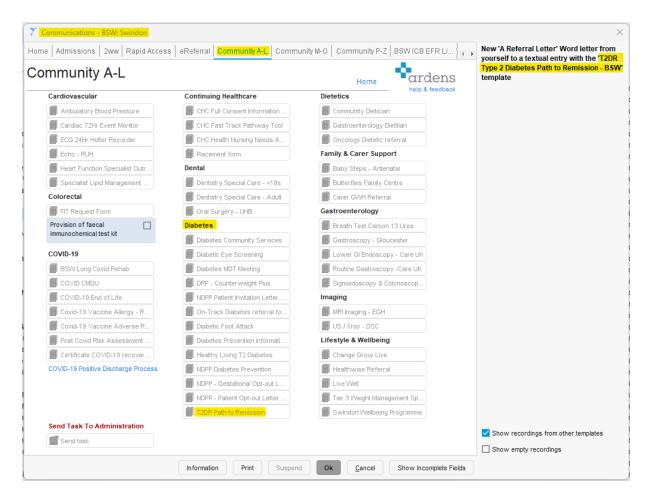
Commu	inity A - G		ardens	yourself to a textual entry with the 'T2Di Type 2 Diabetes Path to Remission - BS' template
Home	Cardiology	Diabetes & Endocrinology	ENT	
Write	Chest Pain - Bristol	Diabetes Oviva	Adult Audiology & Hearing Th	
	Chest Pain - RUH	Diabetes Prevention - NDPP	Deaf Service	
	Heart Failure - RUH	Invitation Letter + PIL	Hearing Therapy & Audiology	
	Palpitations	Invite Letter - Gestational Dia	Nasal Symptoms	
	Phase 4 Cardiac Rehabilitation	Diabetes Specialist Nurse	Gastroenterology	
	Specialist Lipid Management	Diabetic Foot Clinic	Bladder & Bowel Service - H	
	COVID-19	Diabetic Eye Screening	BaNES Colorectal FH	
	Advice Covid Vaccine	Diabetes Prevention informati	CareUK - Lower GI	
	BSW Long Covid Rehab	Eye Screening De-registration	FIT For Occult Blood	
	Certificate COVID-19 recover	Healthy Living T2 Diabetes	Gastro - BaNES / RUH	
		NDPP - Diabetes Prevention	Gastroscopy - BaNES / RUH	
	Post Covid Risk Assessment	NDPP - Gestational Opt-out L	Gastroscopy - CareUK	
	^ COVID-19 Positive Discharge Process	NDPP - Patient Invitation	Gastroscopy - Prime Bristol	
	Dermatology	NDPP - Patient Opt-out Letter	General Medicine / Surgery	
	Dermatology - RUH	T2DR Path to Remission	General Surgery Referral	
	Low and High Risk BCC	Elderly Care	Generic Referral Form	
		Care Home CITT Referral	Lower GI Surgery	
		Falls Clinic	Minor Surgery - Fairfield Park	
		RICE - Memory Clinic	Renal Medicine Assessment	
		Frailty Prescribing Guidance		
	-			Show recordings from other templates
Send Task	📕 Send task			Show empty recordings



Location of referral form (2)



Swindon

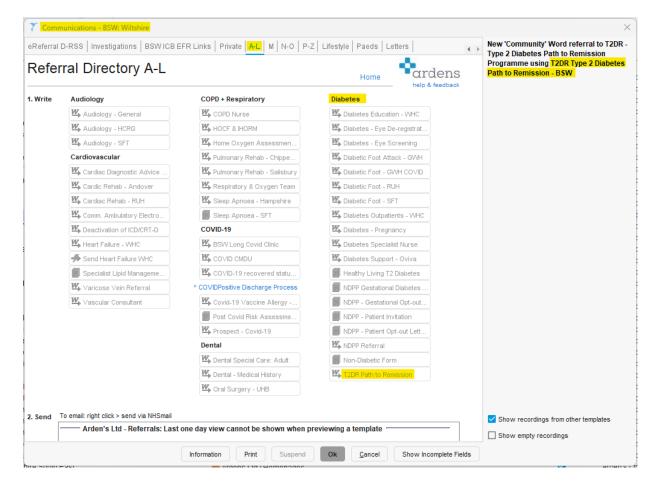




Location of referral form (3)



Wiltshire

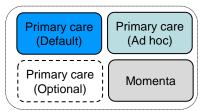




Searches and referral forms: Tips MHS

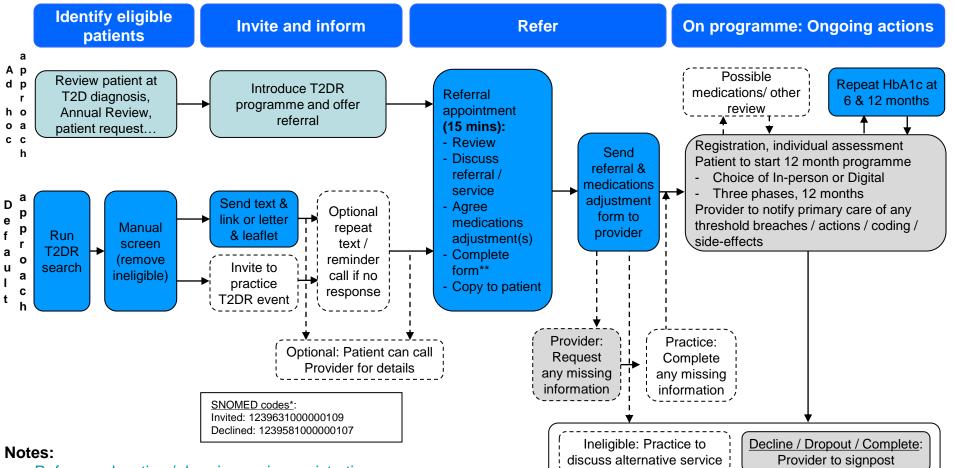
- Searches
 - Sense check
 - Manual screen to confirm eligibility / appropriateness
 - Historical coding challenges
 - Long lists can be reviewed and invited in batches or triaged
- Referral And Medications Adjustment Form (RAMAF)
 - Confirm eligibility criteria before proceeding
 - Ensure patients receive a copy of the MAF
 - If no medications need adjusting you must still complete the MAF top section (check acutes as well as repeats)
 - We are unable to progress the referral until it is complete and patients recall the information





NHS Type 2 Diabetes Path to Remission Programme pathway: Primary care focus





- <u>Referrer education / drop-in session registration</u>
- Patient landing page: Service overview, eligibility, readiness
- <u>Referrer resources: Eligibility, search, forms, patient info, guidance etc.</u>
- Contact: momenta.t2dr-bsw@nhs.net or 01793 557038
- *SNOMED codes: Momenta will write to practices with all other relevant codes after referral

**The form can be completed by health care professionals other than a GP e.g. practice / diabetes nurses and/or pharmacists as long as the medications adjustments are signed off by a GP or someone they give authority to do so on their behalf.



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Next steps



Next steps



- Questions / discussion
- Follow-up email and pack
 - Slides, resources, pathway, NHSE guidance, DPIA, recording
- Update colleagues 'soft launch' from today
- Venues: Let us know
- Happy to attend PLT / PCN / other events
- We look forward to your referrals!



Contacts



- Referrals to <u>momenta.t2dr-bsw@nhs.net</u>
- Supporting referrals feedback welcome
 - <u>Referrer resources</u>
 - Participant page
- Ongoing support: <u>Register here</u>
 - Drop-ins: 30 mins, any questions Wednesday 1300-1330
 - Education session: TBC
- Participant case studies
- Want T2DR delivered at your practice? <u>Register here</u>
- Key contacts:
 - ICB: Brian Leitch and Jo Ross
 - Momenta: <u>Anna Agar</u>



Thank you for your time Harry MacMillan harry.macmillan@momentanewcastle.com

Anna Agar anna.agar@momentanewcastle.com



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T2DR venue requirements



Essential

- Comfortable space for 3 seated participants
- Chairs and a table / desk
- Good local public transport (and parking if needed)
- Clean and appropriately lit and heated / cooled
- Meet accessibility requirements
- Free wifi internet access

Ideally

- Open for extended hours (evenings, weekends)
- Staffed
- Used for other health / community services
- Qualified first aider onsite

