Type 2 Diabetes Cardiovascular Renal Metabolic Review Checklist

Medscape UK X Guidelines Primary Care Hacks

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Consider the following during T2D CVRM shared decision making:

Lifestyle Considerations	
	Assess weight (e.g. BMI or WHR) and discuss individualised weight loss goals as appropriate. Remember to ethnically adjust these goals where indicated ^[1] Discuss the importance of 24-hour physical behaviours for T2D ^[2] o sitting/breaking up prolonged sitting o sweating o strengthening o sleep o stepping Strive for remission of T2D if possible, ^[3] irrespective of weight. ^[4] Weight loss of 5–10% confers metabolic improvement; weight loss of 10–15% or more can have a disease-modifying effect and lead to remission of T2D ^[2]
Individualised HbA _{1c} Goals	
	Review the person's current HbA _{1c} and trend, and consider other <u>factors when individualising HbA_{1c} goals</u> , e.g.: o risks potentially associated with hypoglycaemia and other drug adverse effects life expectancy comorbidities established vascular complications patient preference, resources, and support systems ^[5] See the <u>expert consensus statement on diabetes and frailty</u> for individualising management in older adults and/or adults with frailty and T2D
Kidneys	
	Individualise HbA _{1c} targets in people with diabetic kidney disease o be aware that all SGLT2is have negligible glucose-lowering effect once eGFR falls below 45 ml/min, so consider adding in an additional glucose-lowering medication such as a GLP-1 RA If eGFR <60 ml/min/1.73 m² or clinically significant proteinuria (ACR ≥3 mg/mmol) and on maximally tolerated dose of ACEi/ARB: consider adding SGLT2i with renal protective benefits, ^[2] irrespective of HbA _{1c} o see the Primary Care Hack, Extra-Glycaemic Indications of SGLT2 Inhibitors If CKD present, offer atorvastatin 20 mg for primary or secondary prevention of CVD ^[6] Offer aspirin or clopidogrel to adults with CKD for the secondary prevention of CVD, ^[7] but be aware of the risk of bleeding Consider referral as per NICE criteria, or if 5-year risk of requiring renal replacement therapy is >5% (measured using the Four-Variable Kidney Failure Risk Equation)
Bloo	d Pressure
	First instance: aim for a HBPM average target of <135/85 mmHg (<140/90 mmHg clinic target) in all people ^[8] Provided treatment is well tolerated: then aim for HBPM average of 125/75 mmHg (130/80 mmHg clinic target) or lower in most people ^[8] For adults aged >80 years: consider a clinic BP target of <150/90 mmHg ^[9] For people living with T2D: start drug treatment with an ACEi/ARB, ^[9] irrespective of age or ethnic background Measure sitting and standing BP in people with hypertension and T2D. ^[9] In those with a significant postural drop in BP (i.e., ≥20 mmHg systolic and/or ≥10 mm Hg diastolic that occurs on standing ^[10]), treat to a BP target based on the standing BP
Note: SGLT2is have a modest impact on BP, lowering it by around 4/2 mmHg ^[11]	
	LDL-C targets for people living with T2D: ^[12] o moderate risk: <2.6 mmol/l o high risk: ≥50% reduction from baseline and <1.8 mmol/l o very high risk: ≥50% reduction from baseline and <1.4 mmol/l Patient's QRISK3 is ≥10%: offer atorvastatin 20 mg for primary prevention of CVD ^[6] [13]
	If LDL-C targets are not achieved on maximally tolerated dose statin, consider combination lipid-lowering therapy e.g., add in ezetimibe, bempedoic acid, or PCSK9 inhibitor ^[12] For secondary prevention of CVD, offer atorvastatin 80 mg ^[12] Continued overleaf

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