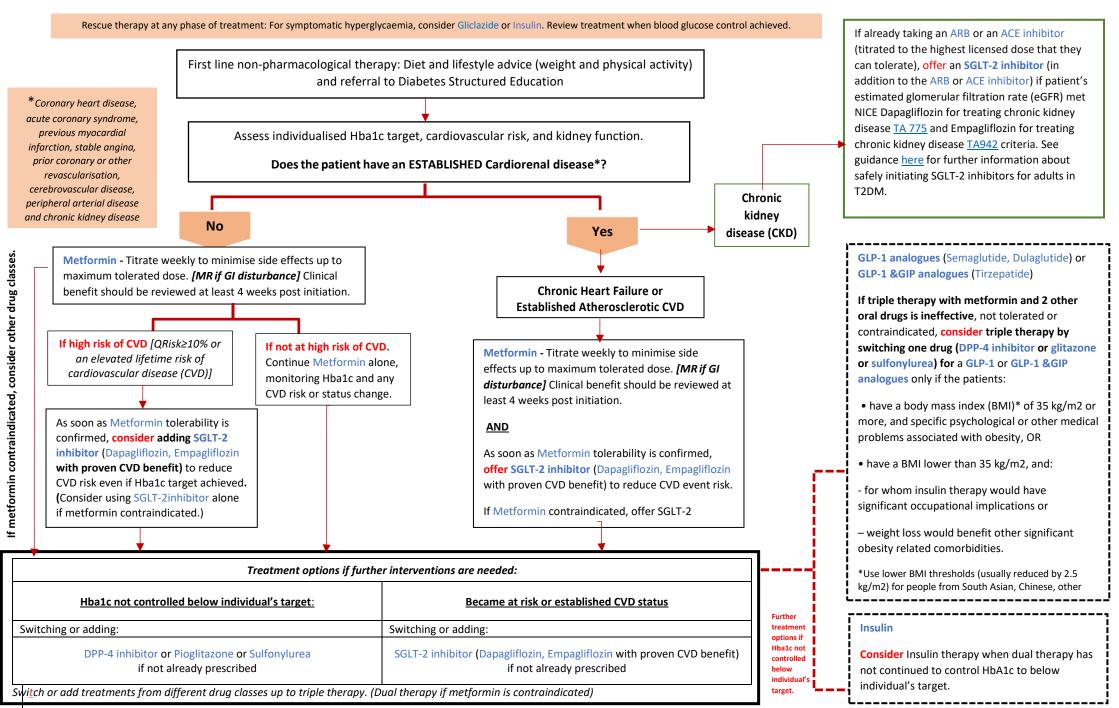
Classification of Diabetes is important for determining therapy. Age of onset and body mass index should not be the sole factors precluding a confident categorisation of newly diagnosed diabetes.



Medication Review & Optimisation

- Reassess patient's status and medication effectiveness at every diabetes review. Stopping medicines that are not tolerated.
- Consider whether switching rather than adding drugs could be effective. Take into account the drug class specific advice below when optimising the glucose lowering therapy.
- Before thinking about changing treatments, taking into account factors such as: adverse effects, adherence to existing medicines, the need to revisit advice about diet and lifestyle, prescribed doses and formulations.
- Stopping medicines that have had no impact on glycaemic control or weight, unless there is an additional clinical benefit.
- At any point in the management of diabetes, where there is a new change to cardiovascular risk or status change, if a SGLT-2 inhibitors isn't already being used, addition of a SGLT-2 inhibitor (not ertugliflozin) ought to be considered. See guidance here for further information about safely initiating SGLT-2 inhibitors for adults in T2DM.
- Consider discussing pregnancy in all women at childbearing age. If planning for pregnancy, discuss the important of keeping glucose level to individual's target level, review medications choice and regimen as per SmPC and BNF. Offer folic acid 5mg daily and refer to pre-conception clinic as appropriate.

Sodium-glucose co-transporter-2 (SGLT-2 inhibitor) - Dapagliflozin,

Empagliflozin, Canagliflozin

- The risk of diabetic ketoacidosis must be considered in the event of non-specific symptoms such as nausea, vomiting, anorexia, abdominal pain, excessive thirst, difficulty breathing, confusion, unusual fatigue or sleepiness. Stop & reassess for ketoacidosis immediately if these symptoms occur, regardless of blood glucose level. Ref: Drug Safety Update.
- SGLT-2 inhibitors block renal tubular glucose reabsorption and thus their glucose lowering
 efficacy depends on the amount of filtered glucose and glomerular filtration rate and is reduced
 in people with impaired eGFR. Additional glucose lowering therapies should be considered in
 people with T2D when eGFR is persistently impaired & HbA1c is above the individualised target.
- Noted there is insufficient evidence to support a cardiovascular benefit with Ertugliflozin.

Dipeptidyl peptidase-4 inhibitor (DPP-4 inhibitor)

Alogliptin, Linagliptin, Saxaaliptin, Sitaaliptin

 Not to be used inconjunction with GLP1 agents. These drugs work on the same pathway.
 DPP4 antagonist block DPP4, an enzyme which breaks down GLP and GIP. If patient has cardiovascular risk or CKD consider an SGLT-2 inhibitor in place of DPP-4 inhibitor, unless contraindicated, or not tolerated.

Glitazones - Pioglitazone

 Reassess the risk of concomitant use with insulin (risk of heart failure). Patients with active bladder cancer, history of bladder cancer or uninvestigated haematuria should not receive pioglitazone.

Sulfonylurea- Gliclazide

- Moderate to high risk of hypoglycaemia in older people.
- Glimepiride not suitable for use in elderly patients due to its long half-life which increases the risk of precipitating hypoglycaemia.
- Offer self-monitoring blood glucose meter and testing strips to support glucose monitoring at times relevant to driving. Provide DVLA Diabetes and Driving rule information, see Diabetes UK resources for further information: here.

Glucagon-like peptide 1 (GLP-1) - Dulaglutide, Semaglutide

Only continue in those with a beneficial metabolic response after 6 months (reduction of ≥11 mmol/mol [1.0%] in HbA1c and weight loss of ≥ 3% of initial body weight).

minor/mor [1.0%] in ribAte and weight loss of 2.5% of initial body weight).		
Consider adjustments to oral therapy when GLP1 analogue initiated		
Triple oral therapy	Swap DPP-4 inhibitor for	Consider reducing
' ' '	· ·	O .
containing DPP-4 inhibitor:	GLP-1 mimetic.	Sulfonylurea by 50% (if co prescribed)
Triple oral therapy without	Add in GLP-1 mimetic,	Continue to review dose of
DPP-4 inhibitor:	reduce sulfonylurea by 50%.	sulfonylurea, reducing as
DFF-4 IIIIIbitor.	reduce suitoriyidrea by 50%.	, ,
		necessary, as GLP-1 mimetic
		up titrated.

 An updated NatPSA alert on the shortage of GLP-1 issued on 3rd Jan 2024 note that supply of GLP-1 is not expected to return to normal until at least the end of 2024. Always consult BSW local formulary information prior prescribing. Further information can be found: here

Glucagon-like peptide 1 (GLP-1) and glucose-dependent insulinotropic polypeptide (GIP) - *Tirzepatide*

- Tirzepatide has not been studied in patients with non-proliferative diabetic retinopathy requiring acute therapy, proliferative diabetic retinopathy or diabetic macular oedema.
 Consider use with caution in these patients with appropriate monitoring.
- STOP any existing GLP-1 agent when Tirzepatide is initiated.
- When Tirzepatide is added to existing therapy of a sulfonylurea, a reduction in the dose of sulfonylurea may be considered to reduce the risk of hypoglycaemia. See adjustments to oral therapy table under GLP-1 box.