DECISION CYCLE FOR PATIENT-CENTRED GLYCAEMIC MANAGEMENT IN TYPE 2 DIABETES

GOALS

OF CARE

• Prevent complications

• Optimise quality of life

REVIEW AND AGREE ON MANAGEMENT PLAN

- Review management plan •
- Mutual agreement on changes •
- Ensure agreed modification of therapy is implemented in a timely fashion to avoid clinical inertia
- Decision cycle undertaken regularly (at least once/twice a year)

ONGOING MONITORING AND SUPPORT INCLUDING:

- Emotional well-being
- Check tolerability of medication
- Monitor glycaemic status
- Biofeedback including SMBG, weight, step count, HbA1,, BP, lipids

IMPLEMENT MANAGEMENT PLAN

Patients not meeting goals generally • should be seen at least every 3 months as long as progress is being made; more frequent contact initially is often desirable for DSMES

ASCVD = Atherosclerotic Cardiovascular Disease CKD = Chronic Kidney Disease HF = Heart Failure DSMES = Diabetes Self-Management Education and Support SMBG = Self-Monitored Blood Glucose

ASSESS KEY PATIENT CHARACTERISTICS

- Current lifestyle
- Comorbidities i.e. ASCVD, CKD, HF .
- Clinical characteristics i.e. age, HbA₁₀, weight
- Issues such as motivation and depression .
 - Cultural and socio-economic context

CONSIDER SPECIFIC FACTORS WHICH IMPACT CHOICE OF TREATMENT

- Individualised HbA_{1c} target
- Impact on weight and hypoglycaemia
- Side effect profile of medication
- Complexity of regimen i.e. frequency, mode of administration
- Choose regimen to optimise adherence and persistence
- Access, cost and availability of medication

SHARED DECISION-MAKING TO CREATE A MANAGEMENT PLAN

- Involves an educated and informed patient (and their family/caregiver)
- Seeks patient preferences
- Effective consultation includes motivational interviewing, goal setting and shared decision-making
- Empowers the patient
- Ensures access to DSMES

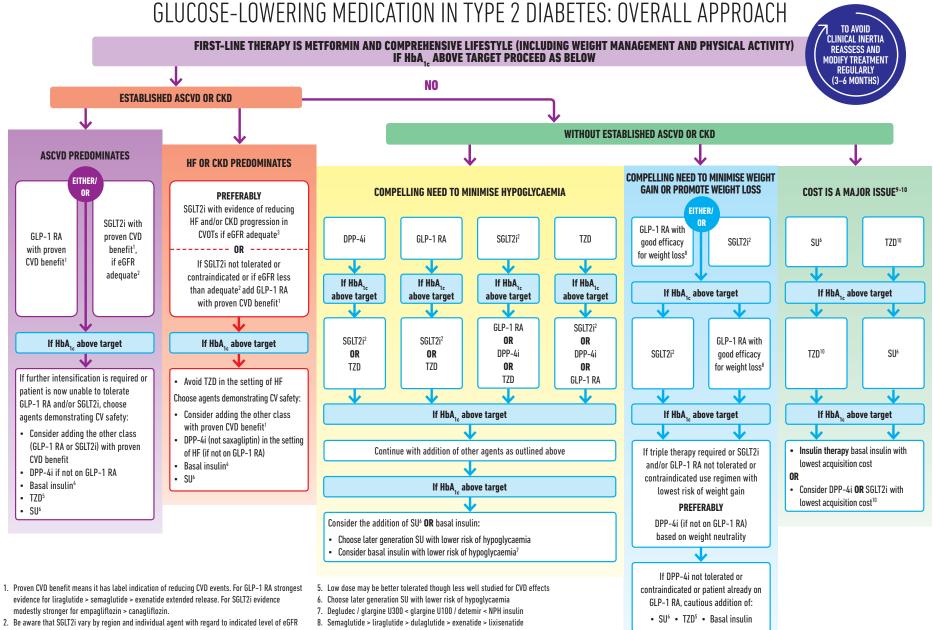
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AGREE ON MANAGEMENT PLAN

- Specify SMART goals:
 - _

 - Achievable
- Time limited

- - **S**pecific
 - Measurable
- **R**ealistic

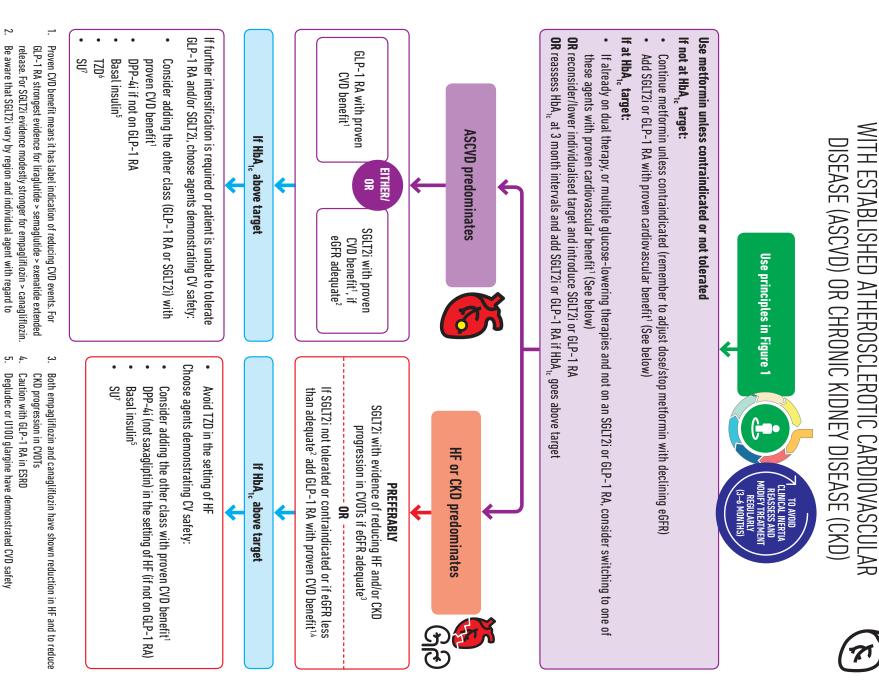


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3. Both empaquificzin and canagliflozin have shown reduction in HF and reduction in CKD

- Both empaguitozin and canaguitozin have shown reduction in HF and reduction in LM progression in CVOTs
- 4. Degludec or U100 glargine have demonstrated CVD safety

- If no specific comorbidities (i.e. no established CVD, low risk of hypoglycaemia and lower priority to avoid weight gain or no weight-related comorbidities)
- 10. Consider country- and region-specific cost of drugs. In some countries TZDs relatively more expensive and DPP-4i relatively cheaper

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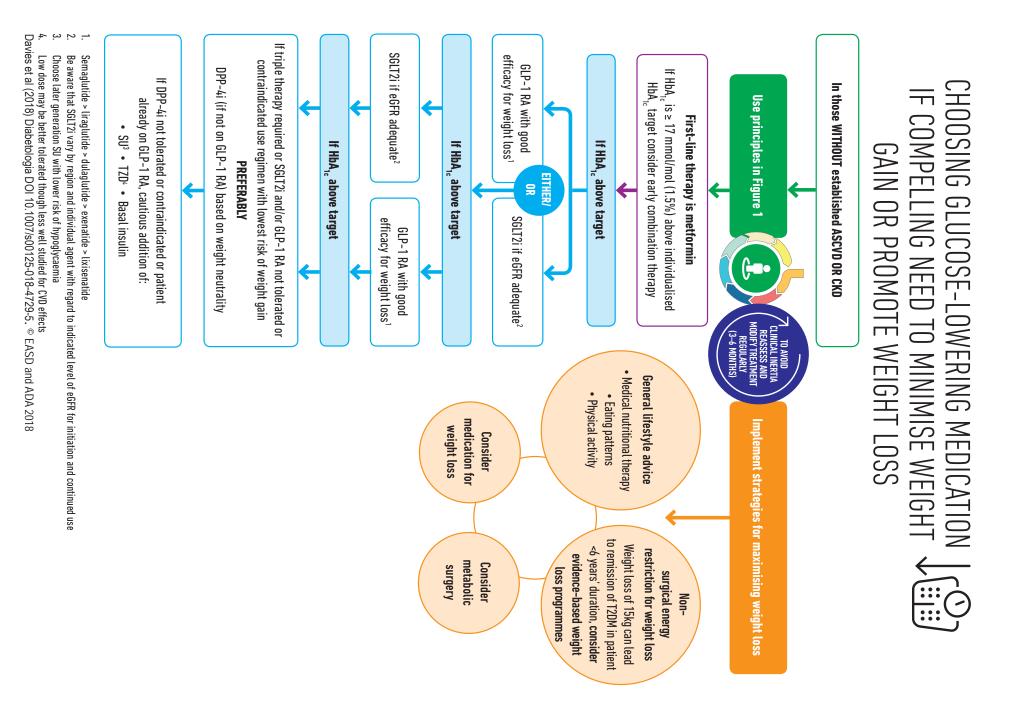


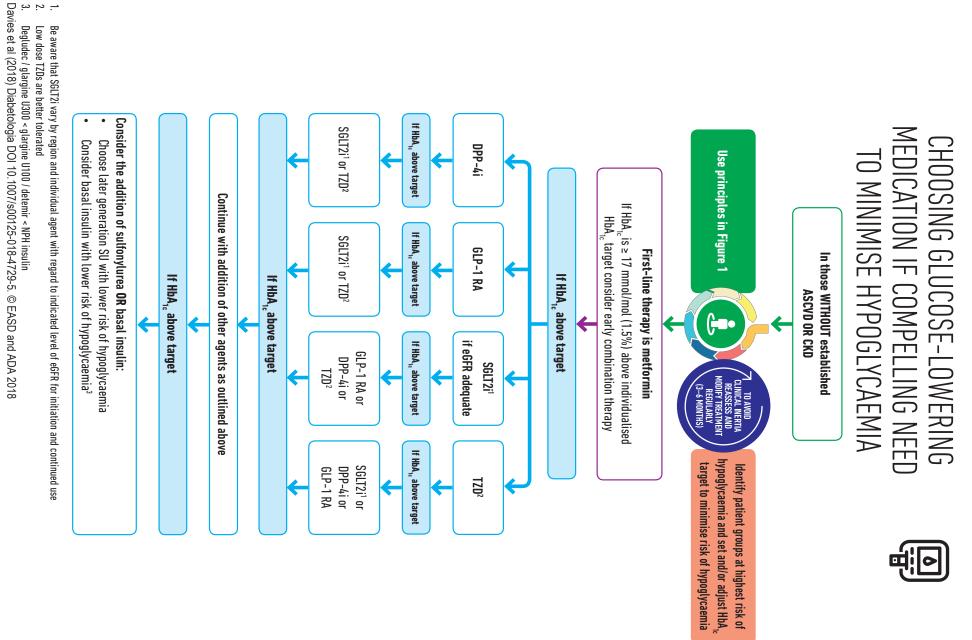
CHOOSING GLUCOSE-LOWERING MEDICATION IN THOSE

Be aware that SGLT2i vary by region and individual agent with regard to indicated level of eGFR for initiation and continued use

- Davies et al (2018) Diabetologia DOI 10.1007/s00125-018-4729-5. © EASD and ADA 2018
 - Choose later generation SU to lower risk of hypoglycaemia

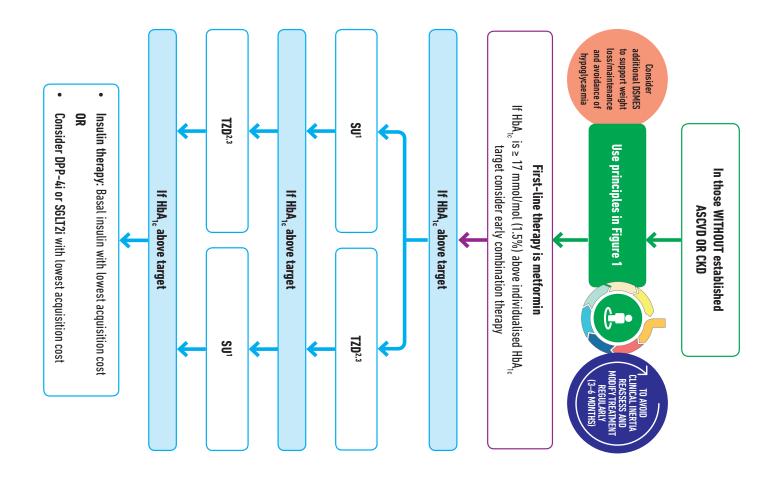
 - Low dose may be better tolerated though less well studied for CVD effects





MEDICATION IF COST IS A MAJOR ISSUE

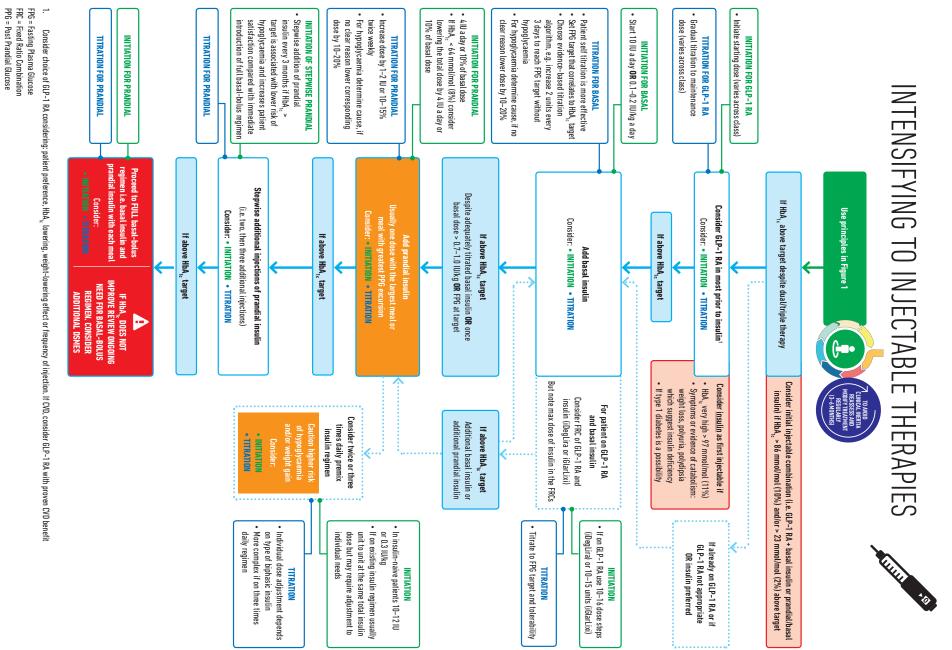




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Choose later-generation SU to minimise risk of hypoglycaemia Consider country- and region-specific cost of drugs. In some countries, TZD relatively more expensive and DPP-4i relatively cheaper Low-dose TZDs are better tolerated

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Prb = host Pranal bucose Davies et al (2018) Diabetologia DOI 10.1007/s00125-018-4729-5. © EASD and ADA 2018

CONSIDERING ORAL THERAPY IN COMBINATION WITH INJECTABLE THERAPIES



METFORMIN

SGLT2i



with metformin Continue treatment





OR reduce dose commencing insulin Stop TZD when



treatment Consider adding SGLT2i if If on SGLT2i, continue Established CVD

- If HbA_{1c} above
- reduction aid target or as weight



Beware

- DKA (euglycaemic) Instruct on sick-day rules
- Do not down-titrate insulin over-aggressively

SULFONYLUREA

DPP-4i



basal insulin initiated dose by 50% when If on SU, stop or reduce



prandial insulin initiated or on a premix regimen Consider stopping SU if



GLP-1 RA initiated

Stop DPP-4i if