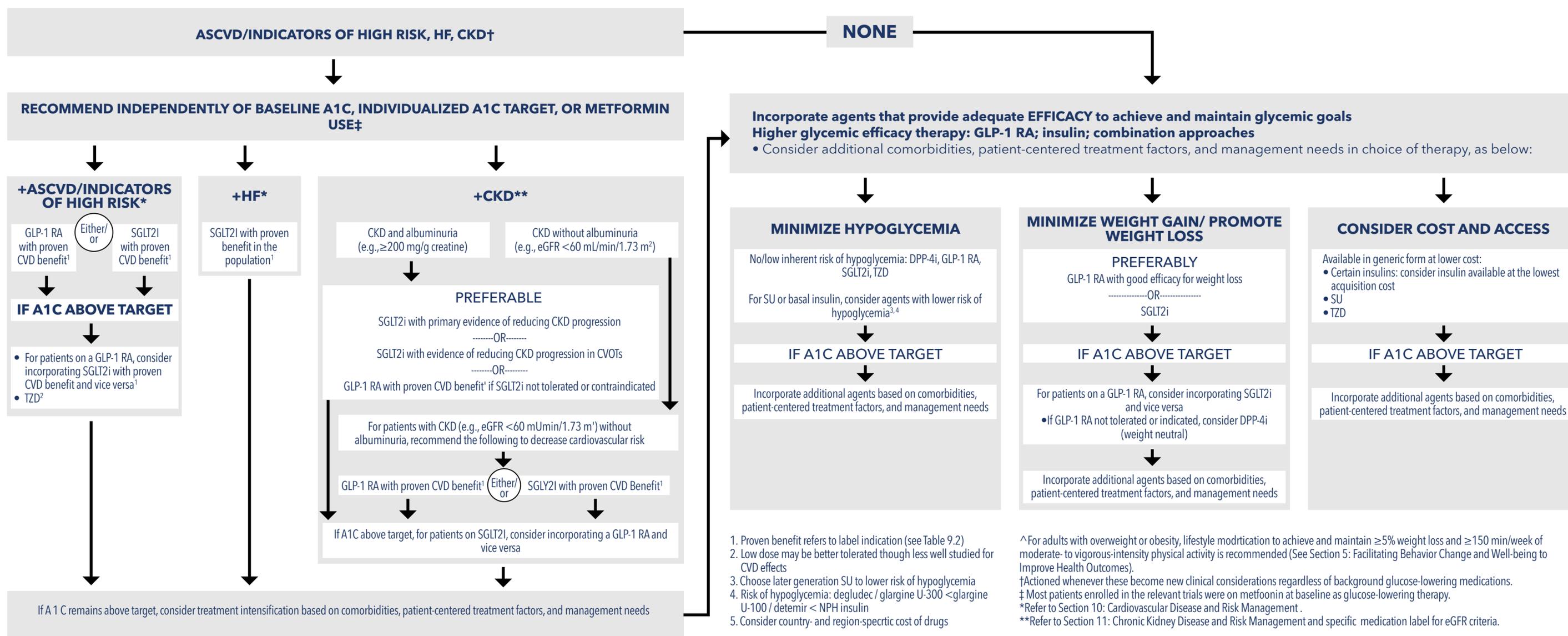


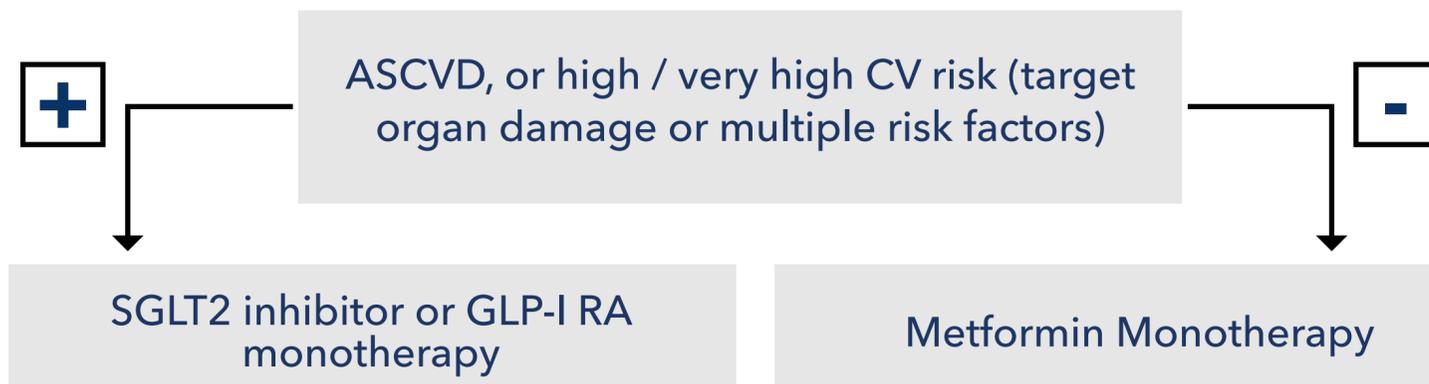
Pharmacologic Treatment of Hyperglycemia in Adults with Type 2 Diabetes

FIRST-LINE THERAPY depends on comorbidities, patient-centered treatment factors, including cost and access considerations, and management needs and generally includes metformin and comprehensive lifestyle modification[^]

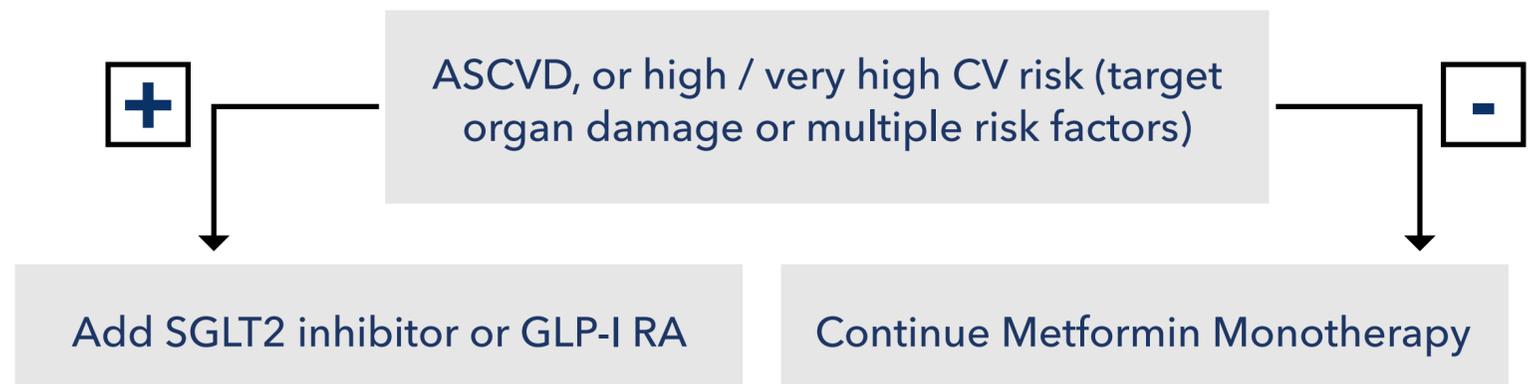
To avoid therapeutic inertia reassess and modify treatment regularly (3-6 Monts)



A Type 2 DM - Drug naïve patients

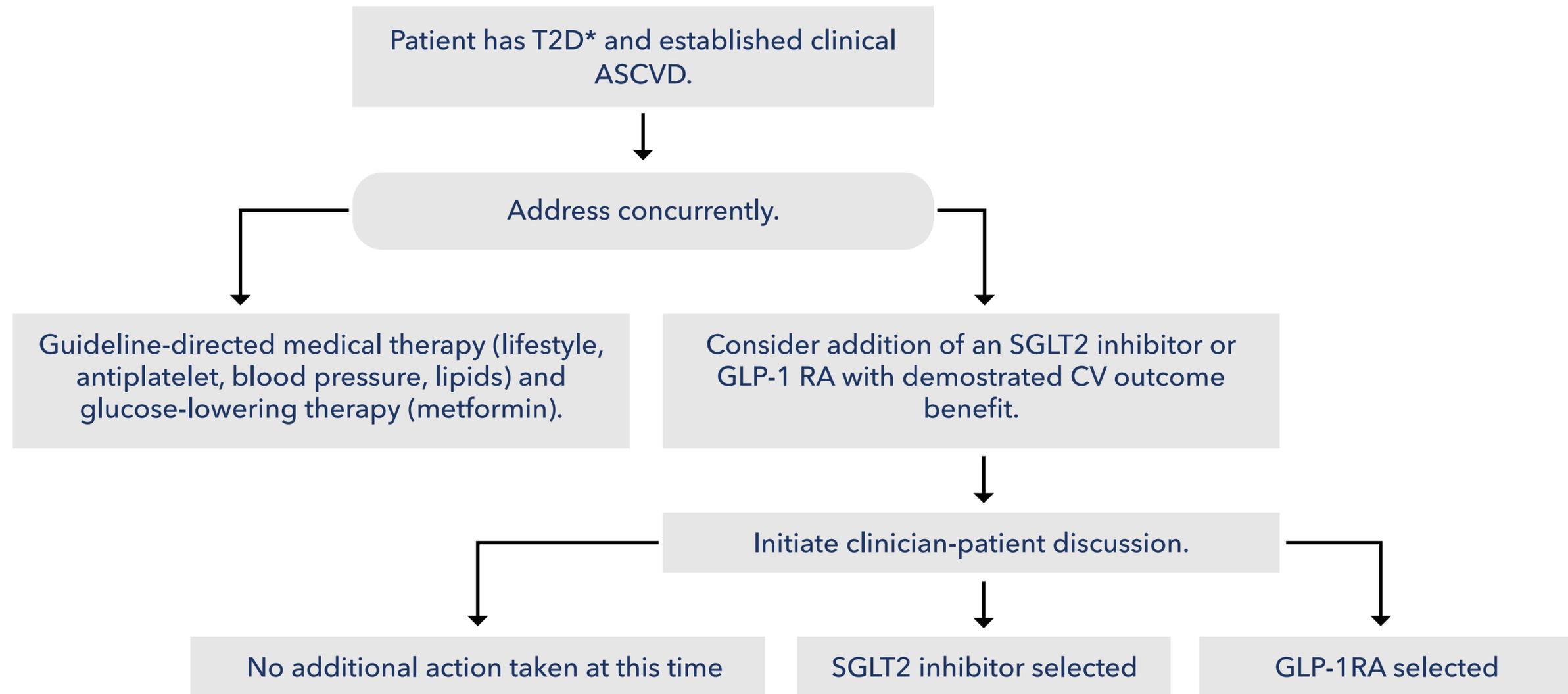


B Type 2 DM - On metformin



As indication moves from glucose management to CV risk mitigation, challenges the “metformin first” recommendation of ADA/EASD

From Glucentricity to CV Risk Mitigation: ACC Decision Pathway



*Most trials of SGLT2i and GLP-1RA required baseline A1C \geq 7% (Example: EXCEL Trial required HbA1c \geq 6.5%), and most patients were already on metformin as first-line therapy if tolerated and not contraindicated

Abbreviations: ASCVD = atherosclerotic cardiovascular disease;
CV = cardiovascular;
GLP-1RA = glucagon-like peptide-1 receptor agonist;
SGLT2 = sodium-glucose cotransporter-2;
T2D = type 2 diabetes.



ACC Decision Pathway: Deciding Between an SGLT2 Inhibitor or a GLP-1 RA

Consider Using an SGLT2 Inhibitor First When Patient and Clinician Priorities Include:

MACE prevention (++++)

HF prevention (++++)

Weight loss (+)

Renal disease progression and prevention{+++}

Mode of administration: oral

Consider alternative agents if:

- Significant CKD
- History of prior amputation, severe peripheral arterial disease, neuropathy, or diabetic foot ulcers (avoid canagliflozin)
- History of recurrent genital candidiasis
- History of diabetic ketoacidosis
- History of osteoporosis (avoid canagliflozin)
- The patient is considering pregnancy
- The patient is breastfeeding

Consider Using a GLP-1 RA First When Patient and Clinician Priorities Include:

MACE prevention (++++)

HF prevention

Weight loss (++++)

Renal disease progression and prevention (+)

Mode of administration: subcutaneous and oral

Consider alternative agents if:

- Persistent nausea, even at low doses
- History of gastroparesis
- History of gallbladder disease
- History of MEN2 or medullary thyroid cancer
- History of proliferative retinopathy (caution with semaglutide or dulaglutide)
- The patient is considering pregnancy
- The patient is breastfeeding