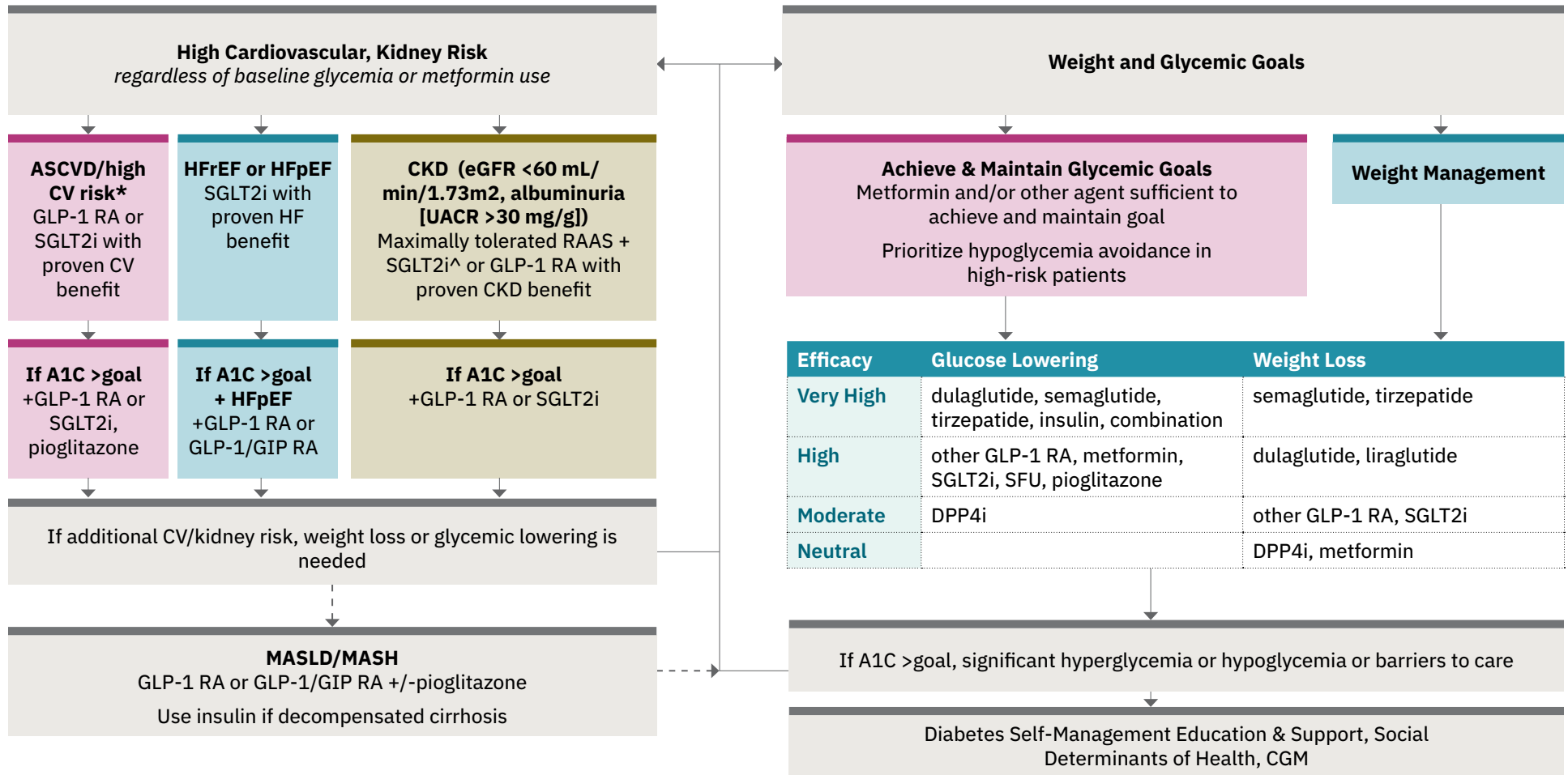


Modified ADA Diabetes Algorithm: Pharmacologic Treatment

Healthy Lifestyle, Diabetes Self-Management Education & Support, Social Determinants of Health



*≥55 years of age with 2+ additional risk factors (obesity, hypertension, smoking, dyslipidemia, or albuminuria).

[^]if eGFR >20 mL/min/1.73m², continue until needing dialysis. Glucose lowering effect reduced if eGFR <45 mL/min/m².

ASCVD = atherosclerotic cardiovascular disease; CGM = continuous glucose monitoring; CKD = chronic kidney disease; CV = cardiovascular; DPP4i = dipeptidyl peptidase-4 inhibitor; EF = ejection fraction; eGFR = estimated glomerular filtration rate; GIP = gastric inhibitory peptide; GLP-1 RA = glucagon-like peptide-1 receptor agonist; HFpEF = heart failure preserved ejection fraction; HFrEF = heart failure reduced ejection fraction; MASH = metabolic dysfunction associated steatohepatitis; MASLD = metabolic dysfunction associated steatotic liver disease; RAAS = renin angiotensin aldosterone system; SGLT2i = sodium-glucose cotransporter-2 inhibitor; SFU = sulfonyleurea; UACR = urine albumin/creatinine.

Adapted from 9. Pharmacologic approaches to glycemic treatment: standards of care in diabetes-2025. *Diabetes Care*.¹

Table 1. Cardiovascular and Renal Benefits of Medications for Treatment of Type 2 Diabetes^{1,2}

Drug	ASCVD	Heart Failure	Chronic Kidney Disease	MASH
SGLT-2i	canagliflozin empagliflozin	canagliflozin empagliflozin dapagliflozin ertugliflozin	canagliflozin dapagliflozin empagliflozin	Possible benefit
GLP-1 RA	dulaglutide liraglutide semaglutide (SQ)	semaglutide* tirzepatide*	dulaglutide ^ liraglutide^ semaglutide (SQ)^	Potential benefit
Thiazolidinediones	pioglitazone (secondary prevention)	Avoid		Potential benefit

ASCVD = atherosclerotic cardiovascular disease; GLP-1 RA = glucagon-like peptide-1 receptor agonist; MASH = metabolic dysfunction associated steatohepatitis; SGLT2i = sodium-glucose cotransporter-2 inhibitor; SQ = subcutaneous.

Items in bold are preferred in Ohio Medicaid Unified Formulary.

*Benefit in HFpEF only: semaglutide reduced symptoms and tirzepatide reduced a composite of cardiovascular death or worsening heart failure.

^Semaglutide demonstrated reduction in progression of chronic kidney disease in a dedicated renal study. Dulaglutide and liraglutide demonstrated reduction in albuminuria.

References

1. American Diabetes Association Professional Practice Committee. 9. Pharmacologic approaches to glycemic treatment: standards of care in diabetes-2025. Diabetes Care. 2025 Jan 1;48(Supplement_1):S181-S206. doi: 10.2337/dc25-S009.
2. Ohio Department of Medicaid. 2025 Unified Preferred Drug List. https://dam.assets.ohio.gov/image/upload/medicaid.ohio.gov/PHM/drug-coverage/20250401_UPDL_v2_approved.pdf Published April 1, 2025. Accessed May 5, 2025.

The Ohio Cardiovascular and Diabetes Health Collaborative is funded by the Ohio Department of Medicaid and administered by the Ohio Colleges of Medicine Government Resource Center. The views expressed in this document are solely those of the authors and do not represent the views of the state of Ohio or federal Medicaid programs.

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