

EMPA

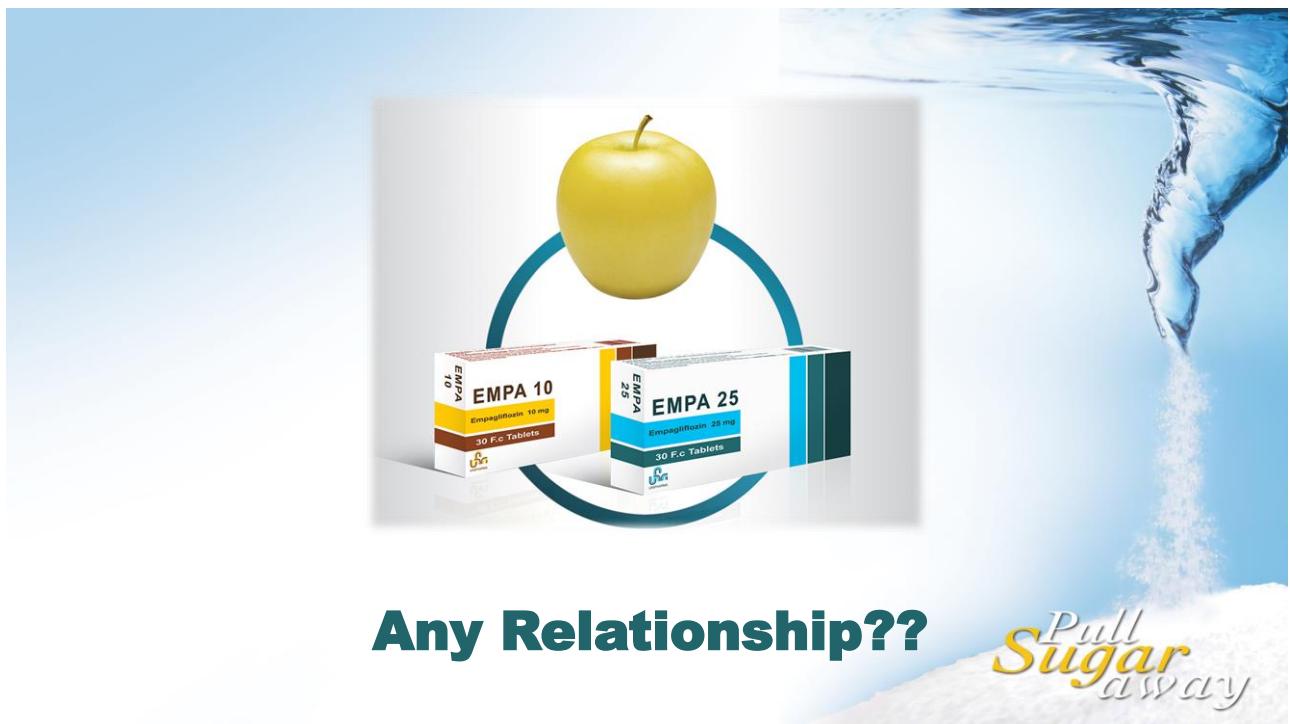
Empagliflozin 10-25

Kidney From Victim to Ally

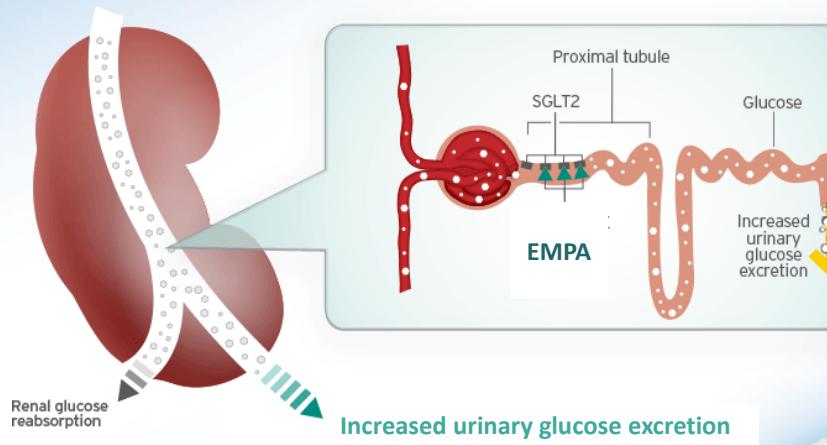


*Pull
Sugar
away*





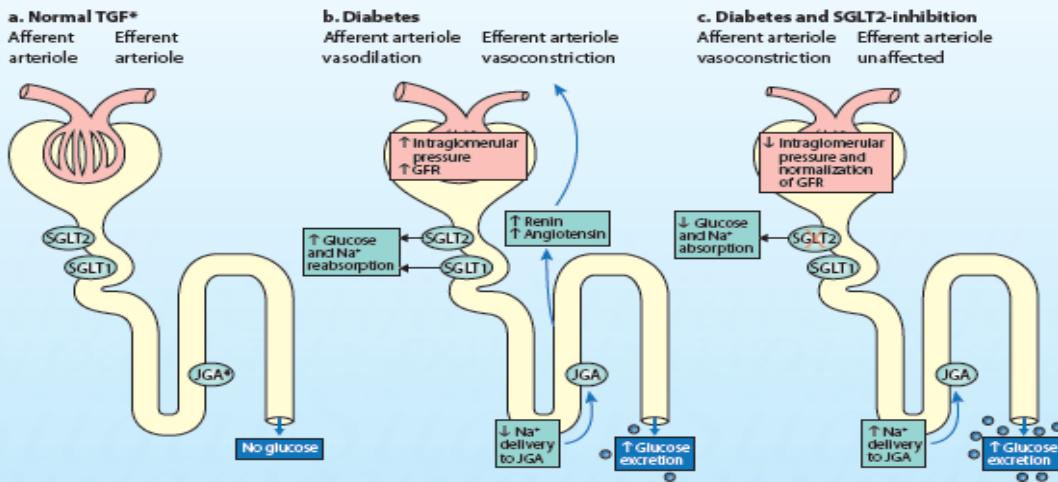
Mechanism of action



Pull Sugar away

EMPA

Counteracts the Hyperfiltration State in Diabetic Kidney



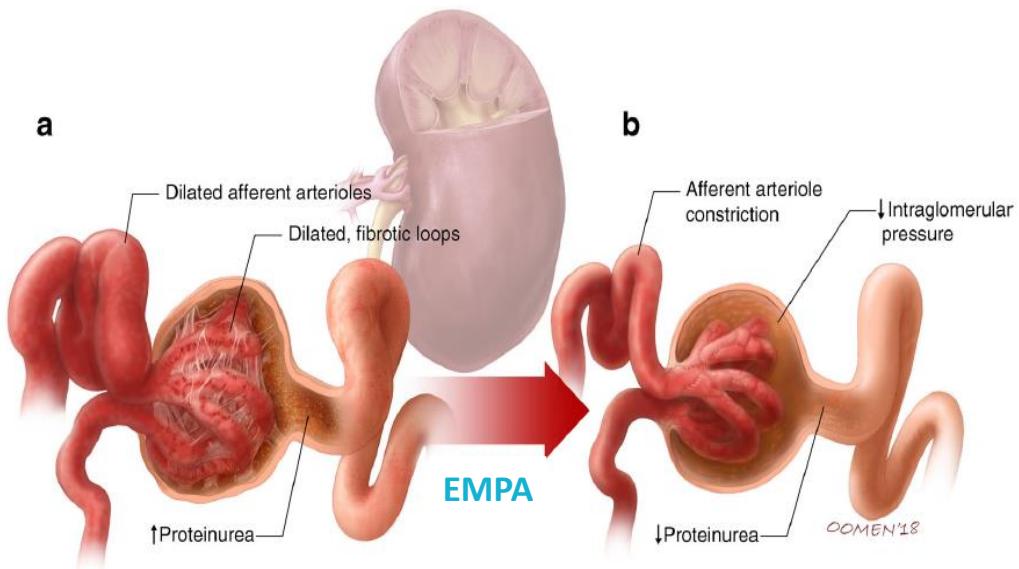
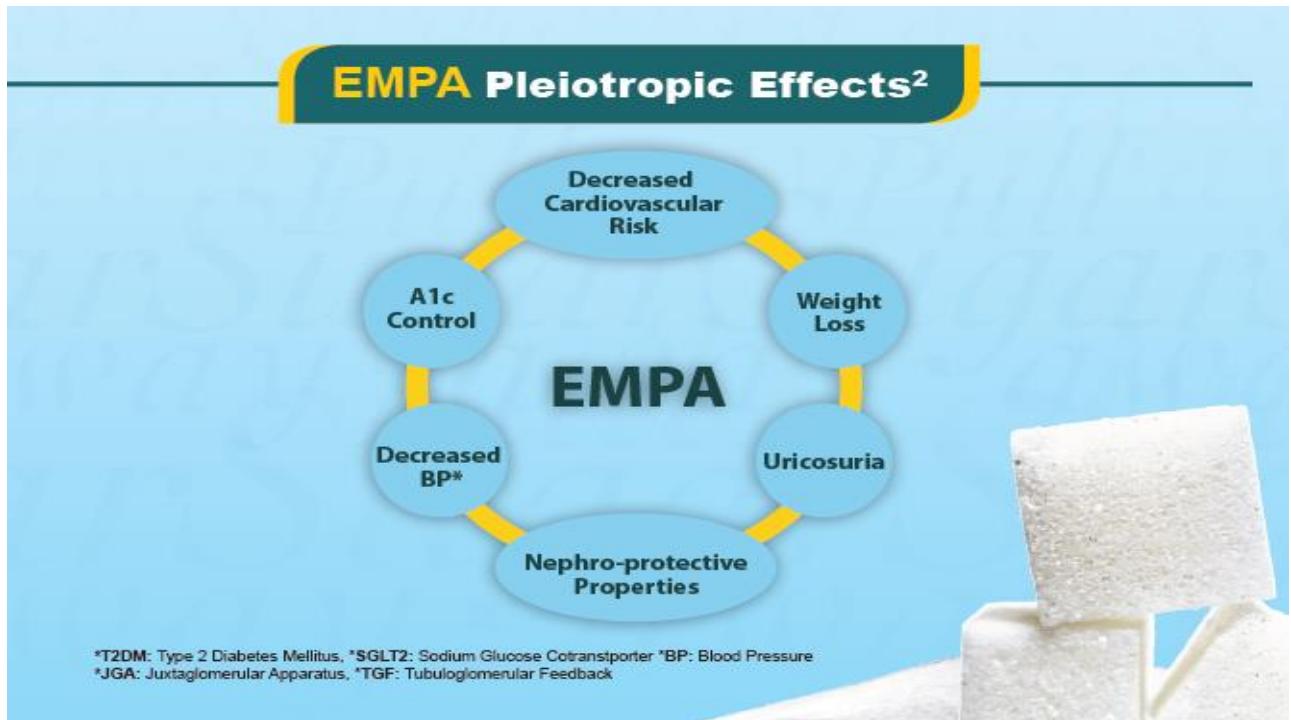
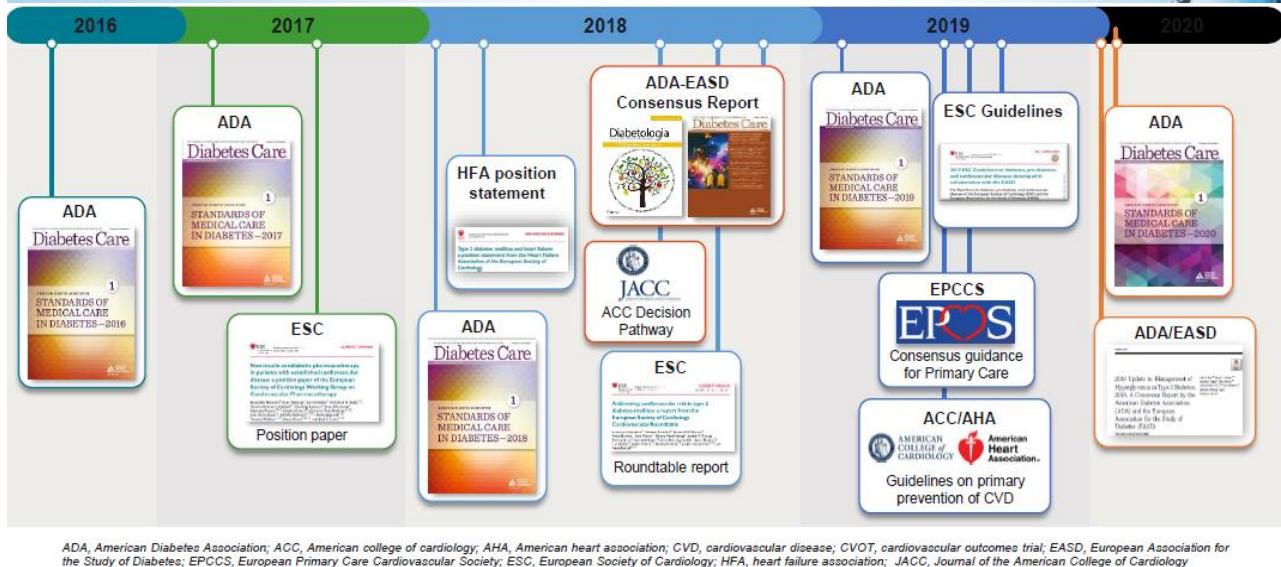


Fig. 3 Diabetes is associated with afferent arteriolar dilatation, which leads to high intraglomerular pressure and hyperfiltration. Ongoing barotrauma to the glomerulus may lead to proteinuria (a). SGLT2 inhibitors, through tubuloglomerular feedback, promote afferent arteriolar

vasoconstriction. This in turn serves as a mechanism to reduce intraglomerular hypertension and provide nephroprotection (b). © G. Oomen 2018. This figure is available as part of a [downloadable slideset](#)



International Guidelines, SGLT2i ERA



ADA, American Diabetes Association; ACC, American college of cardiology; AHA, American heart association; CVD, cardiovascular disease; CVOT, cardiovascular outcomes trial; EASD, European Association for the Study of Diabetes; EPCCS, European Primary Care Cardiovascular Society; ESC, European Society of Cardiology; HFA, heart failure association; JACC, Journal of the American College of Cardiology

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Diabetes Care

WWW.DIABETES.ORG/DIABETESCARE

JANUARY 2021

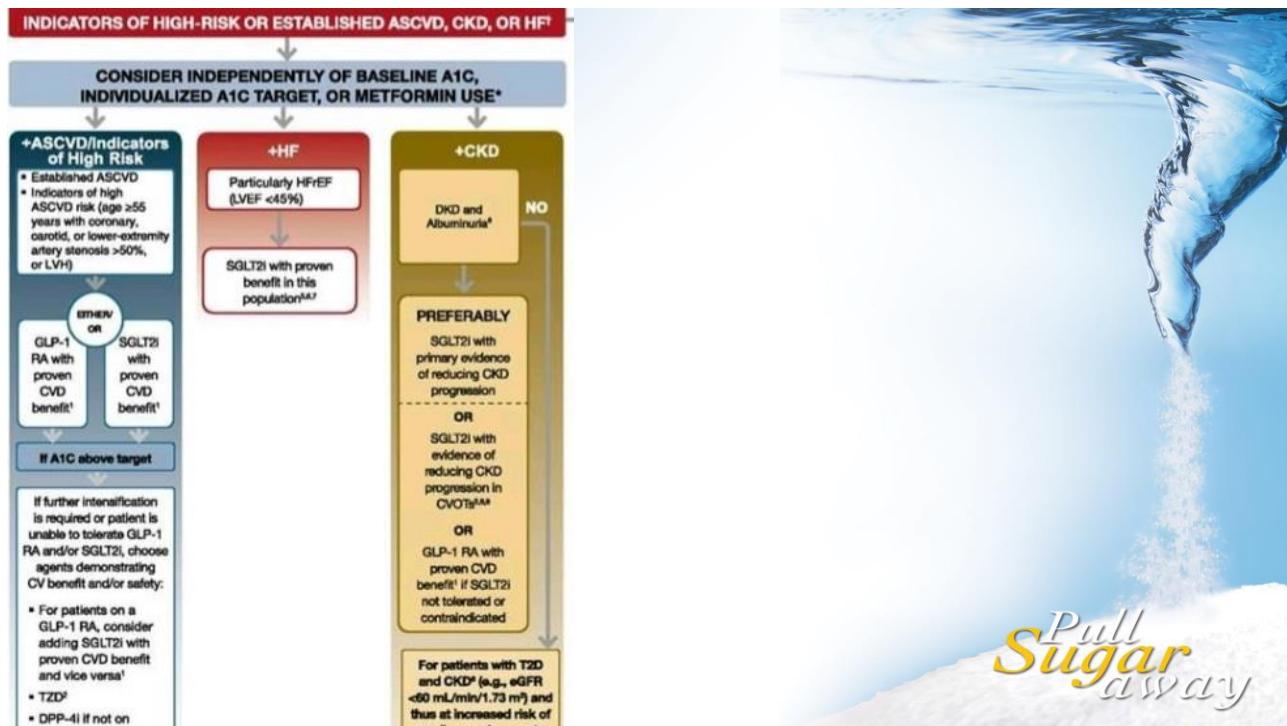
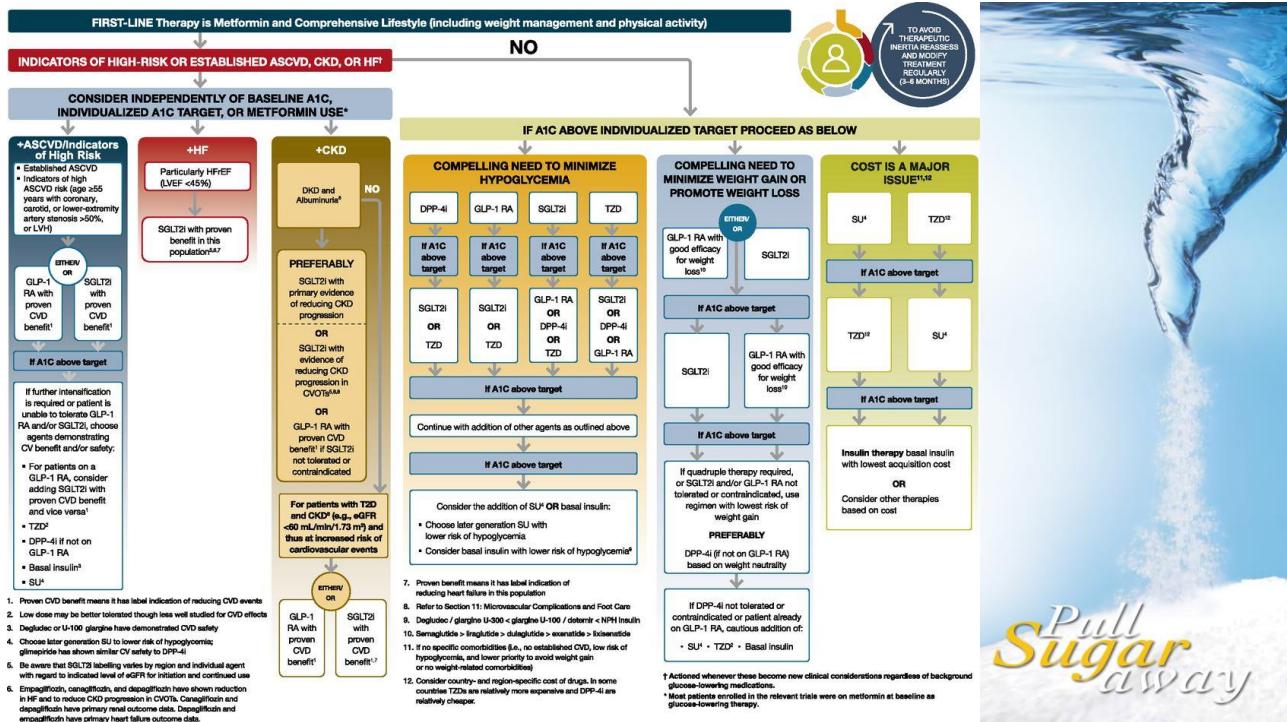
SUPPLEMENT
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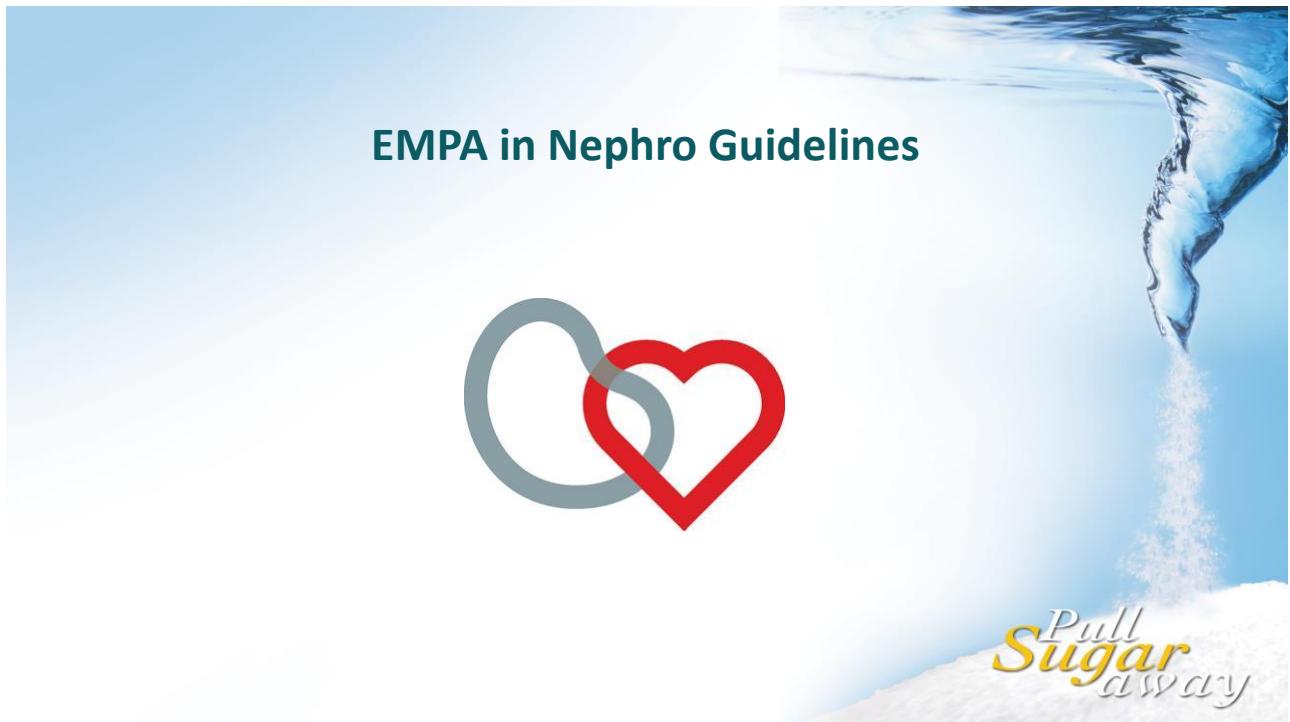
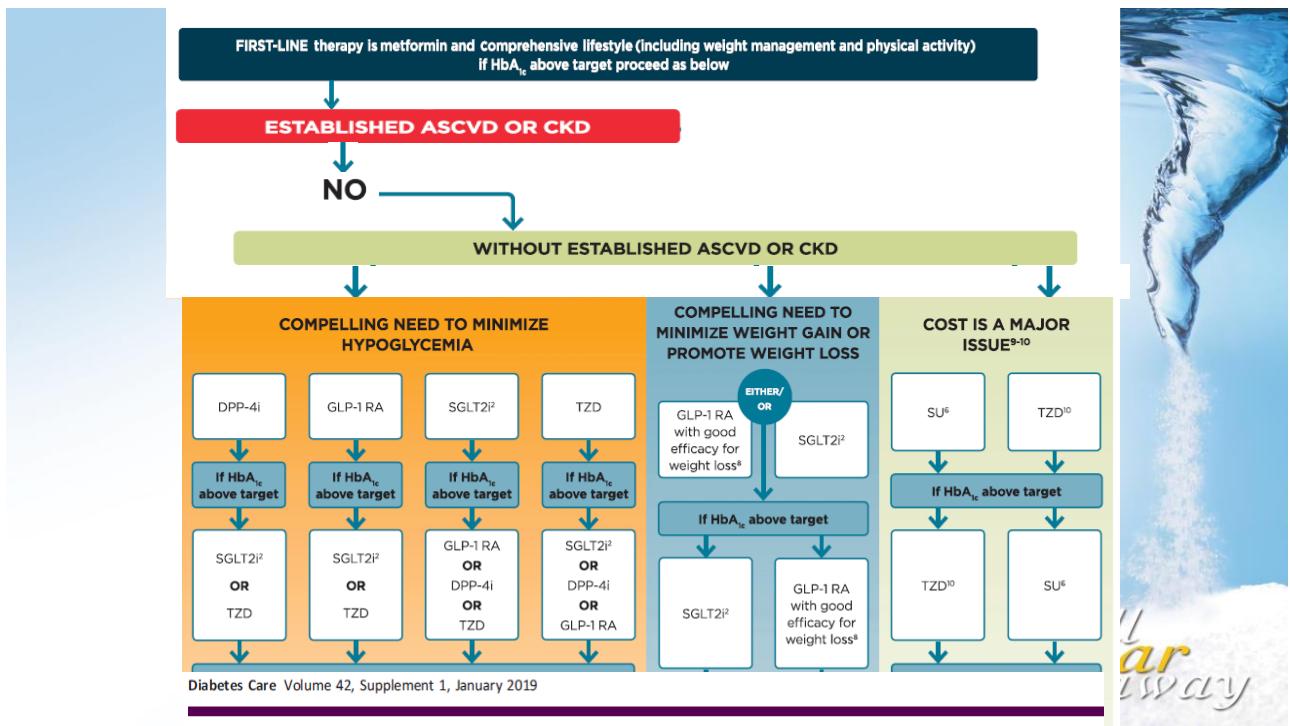
AMERICAN DIABETES ASSOCIATION

STANDARDS OF MEDICAL CARE IN DIABETES—2021

American Diabetes Association
ISSN 0149-5992

Pull
Sugar
away





KDIGO Clinical Practice Guideline On Diabetes Management In CKD 2021



*Pull
Sugar
away*

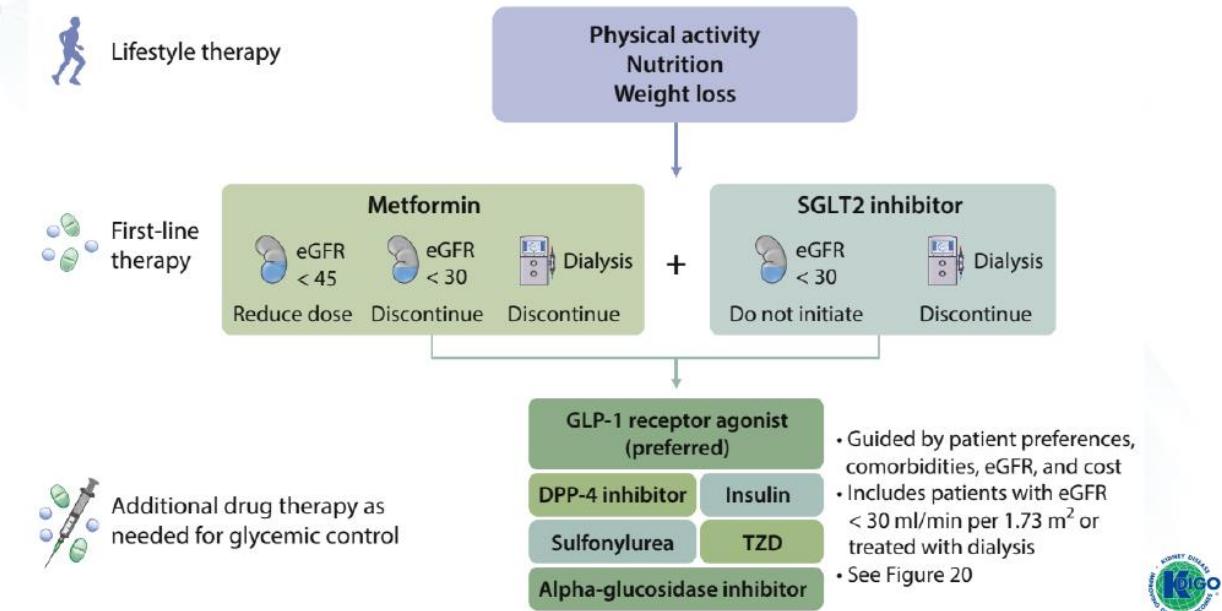
Comprehensive Diabetes and CKD management

- Patients with diabetes and CKD should be treated with a comprehensive strategy to reduce risks of kidney disease progression and cardiovascular disease.

Diabetes with CKD: cardio-kidney treatment

	Glycemic control including SGLT2 inhibitors
	RAAS blockade
	Blood pressure control
	Lipid management
	Lifestyle/physical activity
	Smoking cessation
	Nutrition
	Aspirin for prevalent cardiovascular disease

Treatment Algorithm for Selecting Antihyperglycemic Drugs for Patients with T2D and CKD



Anti-hyperglycemic Therapies in Patients with Diabetes and CKD

- Glycemic management for patients with Type 2 diabetes and CKD should include lifestyle therapy, base drug therapy with metformin and a sodium-glucose cotransporter-2 (SGLT-2) inhibitor
- Most patients with Type 2 diabetes, CKD, and $eGFR \geq 30 \text{ ml/min/1.73 m}^2$ would benefit from treatment with both metformin and an SGLT2i.

*Pull
Sugar
away*



EMPA.. Varied Choices for your Patients



EMPALINA
Empagliflozin / Linagliptin **10/5** **25/5**

*Pull
Sugar
away*



