

# ADA/KDIGO Consensus Report 2022

Holistic approach for improving outcomes in patients with diabetes and CKD



## Challenges in Diabetes Management and CKD

**CKD in diabetes is underdiagnosed and therefore may not be appropriately addressed<sup>1</sup>**

- At least 67% of patients with diabetes and CKD by laboratory criteria failed to have appropriate CKD or DKD documentation in the electronic medical record.

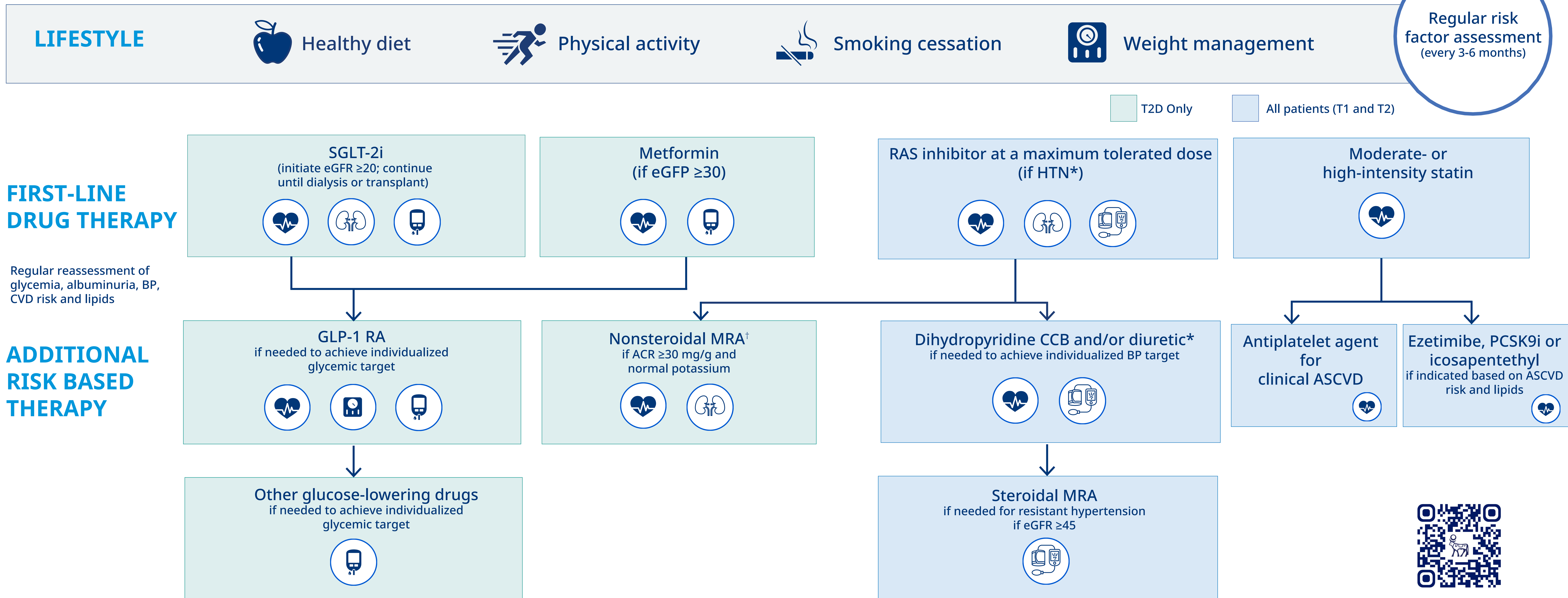
**Patients with diabetes and CKD**

- Are in high-risk socioeconomic groups<sup>2</sup>
- Often have an insulin treatment prevalence >50%,<sup>2,3</sup>
- Have frequent hypo- and hyper- glycemia that may not be captured by traditional methods (finger stick blood glucose and A1c)<sup>4</sup>

**Traditional monitoring of glucose control by A1C may be confounded by<sup>5</sup>**

- Increased red blood cell turnover
- Acidosis
- Iron supplements

## TREATMENT GUIDELINES FOR MANAGEMENT OF CKD<sup>6</sup>



\*ACEi or ARB (at maximal tolerated doses) should be first-line therapy HTN when albuminuria is present. Otherwise, CCB or diuretic can also be considered; all 3 classes are often needed to attain BP targets.

<sup>†</sup>Finerenone is currently the only ns-MRA with proven clinical kidney and cardiovascular benefits.

A1C, glycated hemoglobin; ACR, albumin-to-creatinine ratio; ASCVD, atherosclerotic cardiovascular disease; CKD, chronic kidney disease; CVD, cardiovascular disease; DKD, diabetes kidney disease; GLP-1 RA, GLP-1 receptor agonist; ns-MRA, nonsteroidal mineralocorticoid receptor antagonist; PCSK9i, proprotein convertase subtilisin/kexin type 9 inhibitor; RAS, renin-angiotensin system; SGLT2i, sodium-glucose cotransporter-2 inhibitor; T1D, type 1 diabetes; T2D, type 2 diabetes

1. Clinical Kidney Journal, 2022, vol. 15, no. 10, 1865-1871; 2. Klemens K, et al KIDNEY360 2: 653-665, 2021; 3. Rhee et al. BMC Nephrology (2015) 16:204; 4. Qayyum, et al Blood Purif 2016;41:18-24; 5. Galindo, R et al, Endocrine Reviews, October 2020, 41(5):756-774; 6. De Boer IH et al Diabetes Care. 2022;dcj220027. doi:10.2337/dcj22-0027.