



FROM DATA TO DECISIONS

# Real-World Case Studies in Personalized GLP-1 RA Therapy for Type 2 Diabetes

Are you equipped to translate GLP-1 receptor agonist (RA) clinical trial data into actionable, individualized care for your patients with T2D? What about other comorbidities?

## CASE CHALLENGE

A 62-year-old woman with T2D, hypertension, and moderate CKD has a friend who is taking a GLP-1 RA and asks if she should be taking one.

**What clinical evidence should you factor into your decision-making and patient counseling for this patient?**

## COMPELLING INSIGHTS ON GLP-1 RAs TO SHARPEN CLINICAL CURIOSITY

- A1C reductions range from ~0.8% to 2.4% across different GLP-1 RAs – significant control with minimal hypoglycemia risk.
  - *How do you choose an agent for these patients?*
- Cardiovascular meta-analyses show 12%-14% reduction in MACE with dulaglutide, liraglutide, and semaglutide, with data emerging on tirzepatide.
  - *Should GLP-1 RAs be first-line in therapy decisions for T2D with CVD?*
- Improvements in HFpEF, exercise tolerance, and quality of life have been observed in patients with obesity using semaglutide and tirzepatide.
  - *Are you prepared for evolving standards of care in metabolic cardiology?*
- GLP-1 RAs enable sustained weight loss and reduced BMI and waist circumference – beneficial for T2D patients with overweight or obesity.
  - *Should patients with T2D and obesity be dosed according to diabetes or obesity guidance?*

- Kidney-protective effects, arising from improved intrarenal hemodynamics and systemic effects, have been demonstrated with semaglutide.  
→ *How might GLP-1 RAs challenge the current CKD treatment paradigm?*
- GLP-1 RAs are emerging as tools against MASH (formerly NASH), reducing hepatic decompensation and improving liver outcomes.  
→ *Will this be the next frontier for endocrinology/diabetology-hepatology collaboration?*
- Clinical use is not one size fits all! Formulations vary by indication (T2D vs weight loss), dosing frequency, and side effects and thus require personalized and informed selection.

## What's your process for choosing the right GLP-1 RA?

### WHY THIS MATTERS



#### Optimize Patient Outcomes Across Multiple Systems

Understanding the full scope of GLP-1 RA benefits – beyond glucose control – enables more comprehensive care for patients with T2D, obesity, cardiovascular disease, kidney disease, and metabolic liver disease.



#### Tailor Therapies With Greater Precision

A deeper dive reveals key distinctions between agents, enabling clinicians to match the right drug with the right patient based on individual goals, risks, and comorbidities.



#### Stay Ahead of Evolving Guidelines and Evidence

Emerging trial data is reshaping standards of care. Engaging with the latest findings equips you to lead, not lag, in practice transformation.

*Watch CME Outfitters' 6-episode webcast series on CKM health and GLP-1 RAs to dive deeper into the evidence and what it means for your patients! Complete all 6 activities and claim your badge as a Patient-First Diabetes Management Champion!*

CKD = chronic kidney disease; MACE = major adverse cardiac events; CVD = cardiovascular disease; HFpEF = heart failure with preserved ejection fraction; MASH = metabolic dysfunction-associated steatohepatitis; CKM = cardiovascular-kidney-metabolic.

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