

## Incretin Mimetics Dosing Guide

Type 2 Diabetes indication								
Generic (Brand)	Initiation Dose	Frequency / Route / Titration	Dose Escalation	Renal Dosing <i>eGFR (mL/min)</i>	Pen Type / Needle Rx	FDA Labeled Indication:		Clinical Considerations
						ASCVD <i>(MACE reduction)</i>	CKD	
Dulaglutide (Trulicity)	0.75 mg	Weekly Injection Q4 weeks <sup>b</sup>	1.5 mg	<b>eGFR &lt; 59:</b> No adjustment <sup>c</sup>	Single Use Auto-injector	<input checked="" type="checkbox"/>		
			3 mg					
			4.5 mg					
Liraglutide (Victoza)	0.6 mg <sup>a</sup>	Once Daily Injection Q1 week <sup>b</sup>	1.2 mg	<b>eGFR &lt; 59:</b> No adjustment <sup>c</sup>	Multi Dose Needs Rx	<input checked="" type="checkbox"/>		<b>Needle Rx:</b> 31G x 5mm recommended  <b>Authorized generic available</b>
			1.8 mg					
Semaglutide (Ozempic)	0.25 mg <sup>a</sup>	Weekly Injection Q4 weeks <sup>b</sup>	0.5 mg	<b>eGFR &lt; 59:</b> No adjustment <sup>c</sup>	Multi Dose No Rx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Pen needles: 4-6 included</b> <b>NEW FDA labeled indication as of 1/28/25 for CKD prevention;</b> via the FLOW trial.
			1 mg					
			2 mg					
Semaglutide (Rybelsus)	3 mg <sup>a</sup>	Once Daily <b>Oral</b> Tablet Q30 days <sup>b</sup>	7 mg	<b>eGFR &lt; 59:</b> No adjustment <sup>c</sup>				<b>Must be</b> taken on an empty stomach with up to 4 oz of water, 30 mins before eating or drinking. <b>Not waiting 30 min or taking with liquids other than water, impacts absorption and efficiency</b>
			14 mg					
Tirzepatide (Mounjaro)	2.5 mg <sup>a</sup>	Weekly Injection Q4 weeks <sup>b</sup>	5 mg	<b>eGFR &lt; 59:</b> No adjustment <sup>c</sup>	Single Use Auto-injector			<b>Due to drug interaction with oral contraceptives,</b> recommend adding a barrier method for 4 weeks after initiation <b>AND</b> for 4 weeks after every dose escalation. Alternatively, discuss other highly effective contraceptive options.
			7.5 mg					
			10 mg					
			12.5 mg					
			15 mg					
<b>Discontinued as of October 2024</b>								
Exenatide XR (Bydureon BCise)								
Exenatide (Byetta)								

a: Sensitizing dose has no little to no glycemic benefit.

b: Consider longer interval for titration if known or current moderate to severe GI side effects.

c: In patients with new onset or worsening of existing renal impairment, use caution when initiating or escalating doses and monitor for volume depletion in patients with GI side effects or acute illness (eg, vomiting, diarrhea, dehydration).

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## SGLT2 Inhibitors Dosing Guide

### Type 2 Diabetes Indication

Generic (Brand)	Dose Initiation	Frequency of Oral Tablet	Dose Escalation <sup>a</sup>	Renal Dosing eGFR (mL/min)	FDA Labeled Indication:			Clinical Considerations
					ASCVD	CKD	Heart Failure	
Canagliflozin (Invokana)	100 mg	Once Daily	300 mg (if eGFR ≥ 60)	eGFR 30 to <59: 100 mg daily MAX  <b>EXCEPTION! If eGFR &lt; 30 AND Severe Albuminuria (&gt;300 mg/g):</b> Continue 100 mg (See clinical considerations)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<b>CKD labeled indication:</b> Specific to patients with eGFR <30 <b>AND</b> with severe albuminuria.  <b>ASCVD labeled indication:</b> Specific to reduction of <b>MACE</b>
Dapagliflozin (Farxiga)	5 mg	Once Daily	10 mg	eGFR < 45: Do NOT use for T2D  <b>EXCEPTION! Continue to use for non-T2D indications</b> (when eGFR < 45): See table below.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Empagliflozin (Jardiance)	10 mg	Once Daily	25 mg	eGFR < 30: Do NOT use for T2D  <b>EXCEPTION! Continue to use for non-T2D indications</b> (when eGFR < 30): See table below.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>ASCVD labeled indication:</b> Specific to reduction of <b>CV death</b>
Ertugliflozin (Steglatro)	5 mg	Once Daily	15 mg	eGFR < 45: Do NOT use for T2D				
Bexagliflozin (Brenzavvy)	20 mg	Once Daily	N/A	eGFR < 30: Do NOT use for T2D				<b>Price:</b> ~ \$50 per month  Available at <b>ONLINE</b> pharmacies only (See <a href="http://brenzavvy.com">brenzavvy.com</a> )

a: **Timing of dose escalation (4-12 weeks):** In addition to glycemic needs, consider tolerance (BP, renal function) and adverse effects (urinary frequency, genital mycotic infections, volume status) prior to escalation.

#### DEFINITIONS

**ASCVD:** Atherosclerotic cardiovascular disease

**CKD:** Chronic kidney disease

**eGFR:** Estimated glomerular filtration rate

**MACE:** Major adverse cardiovascular events

**uACR:** Urine albumin-to-creatinine ratio

### For Patients with CKD without Type 2 Diabetes: SGLT2i Renal Dosing

Dapagliflozin (Farxiga)			Empagliflozin (Jardiance)	
	eGFR < 25	eGFR 25 - 45	eGFR 20 - 30	
CKD	Ok to continue 10 mg daily (do NOT initiate)	10 mg daily (starting dose)	10 mg daily	
Heart Failure				
On Dialysis: <b>Contraindicated</b>			On Dialysis: <b>Contraindicated</b>	