

Antihyperglycemic Agents and Kidney Function

		DRUG CLASS						
		Metformin (max daily dose)	SGLT2i (Recommended daily dose*)	GLP1-RA	DPP4i (max daily dose)	All Insulins	Secretagogues	
							Glyburide	Others
eGFR (mL/min/1.73m ²)	45 – 59	2 g	No dose change	No dose change	No dose change	No dose change	Avoid Glyburide	No dose change
	30 – 44	1 g	Canagliflozin 100 mg Dapagliflozin 10 mg Empagliflozin 10 or 25 mg		No dose change			Linagliptin 5 mg Sitagliptin 50 mg (Saxagliptin 2.5 mg**)
	15 – 29	500 mg		Limited data available		Linagliptin 5 mg Sitagliptin 25 mg		
	<15 or on dialysis	Avoid	Stop on dialysis					
	Risk related to low GFR	Lactic acidosis	Cardiorenal protection preserved but less reduction in A1C with low GFR		Accumulation***	Accumulation and hypoglycemia	Prolonged and severe hypoglycemia	Hypoglycemia

*listed alphabetically, **increased risk for heart failure, ***except linagliptin

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**DIABETES
CANADA**