

A Clinical Summary of GLP-1 Receptor Agonists

Agent	A1C Reduction	Weight Reduction	Cardiovascular Benefit	Adverse Events
Dulaglutide (Trulicity)	1%-1.5%	2.5 kg	Yes	<ul style="list-style-type: none"> Hypoglycemia: 3%-6% Nausea: 12.4%-21.1% Diarrhea: 8.9%-12.6% Vomiting: 6%-12.7% Injection site reaction: <1%
Exenatide (Byetta)	0.7%-0.9%	2 kg	No	<ul style="list-style-type: none"> Hypoglycemia: 3.8%-5.2% Nausea: 8% Diarrhea: <1% Vomiting: 4% Injection site reaction: 17%
Exenatide ER (Bydureon)	1.6%	2.5 kg	No	<ul style="list-style-type: none"> Hypoglycemia: 2% Nausea: 11.3% Diarrhea: 10.9% Vomiting: 11.3% Injection site reaction: 10%-30%
Exenatide ER (Bydureon BCise)	1.4%	1.4 kg		<ul style="list-style-type: none"> Hypoglycemia: 2.1% Nausea: 8.2% Diarrhea: 4% Vomiting: 3.2% Injection site reaction: 23.9%
Liraglutide (Victoza)	0.8%-1.1%	2.5 kg	Yes	<ul style="list-style-type: none"> Hypoglycemia: 16% Nausea: 18%-20% Diarrhea: 10%-12% Vomiting: 6%-9% Injection site reaction: 2%
Lixisenatide (Adlyxin)	0.83%	2 kg	No	<ul style="list-style-type: none"> Hypoglycemia: 2% Nausea: 25% Diarrhea: 8% Vomiting: 10% Injection site reaction: 4%
Semaglutide (Ozempic)	1.4%-1.6%	4 kg	No	<ul style="list-style-type: none"> Hypoglycemia: 1.6%-3.8% Nausea: 15.8%-20.3% Diarrhea: 8.5%-8.8% Vomiting: 5%-9.2% Injection site reaction: <1%
Degludec/liraglutide (Xultophy 100/3.6)	1.94% (0.9% compared to insulin degludec)	2.5 kg (compared to insulin degludec)	No	<ul style="list-style-type: none"> Hypoglycemia: rate not defined Nausea: 7.8% Diarrhea: 7.5% Vomiting: <1% Injection site reaction: 3%
Glargine/lixisenatide (Soliqua 100/33)	1.1%	1.4 kg (compared to insulin glargine)	No	<ul style="list-style-type: none"> Hypoglycemia: 25.6%-40% Nausea: 10% Diarrhea: 7% Vomiting: <1% Injection site reaction: 2%

GLP-101: A Diabetes Educator's Guide to Glucagon-Like-Peptide-1 Receptor Agonists

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