

Faster-acting insulin aspart provides faster onset and greater efficacy than regular insulin aspart in children and adolescents with type 1 diabetes

Pediatric Diabetes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, S-86-S-100.	2.4	2
2	A Pooled Analysis of Clinical Pharmacology Trials Investigating the Pharmacokinetic and Pharmacodynamic Characteristics of Fast-Acting Insulin Aspart in Adults with Type 1 Diabetes. <i>Clinical Pharmacokinetics</i> , 2017, 56, 551-559.	1.6	150
3	Insulin analogues in type 1 diabetes mellitus: getting better all the time. <i>Nature Reviews Endocrinology</i> , 2017, 13, 385-399.	4.3	170
4	Pharmacotherapy options for pediatric diabetes. <i>Current Opinion in Pediatrics</i> , 2017, 29, 481-487.	1.0	2
5	Pharmacological Properties of Faster-Acting Insulin Aspart. <i>Current Diabetes Reports</i> , 2017, 17, 101.	1.7	20
8	Efficacy and Safety of Rapid-Acting Insulin Analogs in Special Populations with Type 1 Diabetes or Gestational Diabetes: Systematic Review and Meta-Analysis. <i>Diabetes Therapy</i> , 2018, 9, 891-917.	1.2	21
9	The challenges of achieving postprandial glucose control using closed-loop systems in patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 245-256.	2.2	79
11	Pharmacotherapy of type 1 diabetes in children and adolescents: more than insulin?. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2018, 9, 157-166.	1.4	6
12	ISPAD Clinical Practice Consensus Guidelines 2018: Insulin treatment in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2018, 19, 115-135.	1.2	164
13	Faster Insulin Aspart: A New Bolus Option for Diabetes Mellitus. <i>Clinical Pharmacokinetics</i> , 2019, 58, 421-430.	1.6	19
14	Insulin Pumps and Artificial Pancreas. , 2019, , 245-258.		1
15	Pharmacotherapy of Children and Adolescents with Type 1 Diabetes Mellitus. <i>Handbook of Experimental Pharmacology</i> , 2019, 261, 105-118.	0.9	2
16	Fast-Acting Insulin Aspart: The Rationale for a New Mealtime Insulin. <i>Diabetes Therapy</i> , 2019, 10, 1793-1800.	1.2	11
17	Use of fast-acting insulin aspart in insulin pump therapy in clinical practice. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2039-2047.	2.2	41
18	Efficacy and Safety of Fast-Acting Insulin Aspart Compared With Insulin Aspart, Both in Combination With Insulin Degludec, in Children and Adolescents With Type 1 Diabetes: The onset 7 Trial. <i>Diabetes Care</i> , 2019, 42, 1255-1262.	4.3	41
19	Fast-Acting Insulin Aspart and the Need for New Mealtime Insulin Analogues in Adults With Type 1 and Type 2 Diabetes: A Canadian Perspective. <i>Canadian Journal of Diabetes</i> , 2019, 43, 515-523.	0.4	32
20	Single-Hormone Artificial Pancreas Use in Diabetes: Clinical Efficacy and Remaining Challenges. <i>Diabetes Spectrum</i> , 2019, 32, 205-208.	0.4	7
21	Role of ultrafast-acting insulin analogues in the management of diabetes. <i>Journal of the American Association of Nurse Practitioners</i> , 2019, 31, 537-548.	0.5	9

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22	Fast-Acting Insulin Aspart: A Review of its Pharmacokinetic and Pharmacodynamic Properties and the Clinical Consequences. <i>Clinical Pharmacokinetics</i> , 2020, 59, 155-172.	1.6	35
23	Insulin Pump Therapy. <i>American Journal of Therapeutics</i> , 2020, 27, e30-e41.	0.5	46
24	The association between anti-insulin aspart antibodies and the pharmacokinetic and pharmacodynamic characteristics of fast-acting insulin aspart in children and adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 781-790.	1.2	3
25	An ultrafast insulin formulation enabled by high-throughput screening of engineered polymeric excipients. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	46
26	The continuing quest for better subcutaneously administered prandial insulins: a review of recent developments and potential clinical implications. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 743-754.	2.2	50
27	Efficacy and safety of fast-acting insulin aspart <i>versus</i> insulin aspart in children and adolescents with type 1 diabetes from Japan. <i>Endocrine Journal</i> , 2021, 68, 409-420.	0.7	2
29	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, S-113-S-130.	2.4	0
30	New Insulins, Biosimilars, and Insulin Therapy. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, S-46-S-68.	2.4	5
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32	Ultra-Fast Insulin-Pramlintide Co-Formulation for Improved Glucose Management in Diabetic Rats. <i>Advanced Science</i> , 2021, 8, e2101575.	5.6	10
33	Ultra rapid lispro lowers postprandial glucose and more closely matches normal physiological glucose response compared to other rapid insulin analogues: A phase 1 randomized, crossover study. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1789-1798.	2.2	49
34	The Diabits App for Smartphone-Assisted Predictive Monitoring of Glycemia in Patients With Diabetes: Retrospective Observational Study. <i>JMIR Diabetes</i> , 2020, 5, e18660.	0.9	11
36	The impact of "faster aspart" on blood glucose control in children and adolescents with type 1 diabetes treated using a sensor-augmented insulin pump. <i>Anales De Pediatria (English Edition)</i> , 2021, 95, 321-329.	0.1	0
37	Evolving Pharmacotherapeutic Strategies for Type 1 Diabetes Mellitus. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2018, 23, 351-361.	0.3	1
38	ThÃrapeutique des dÃsordres glycÃmiques. , 2019, , 141-252.		0
39	Fast-acting insulin aspart: a review of its pharmacokinetic and pharmacodynamic properties and the clinical consequences. <i>Diabetes Mellitus</i> , 2020, 23, 140-160.	0.5	0
40	The effectiveness of insulin therapy in children with type 1 diabetes in Ukraine according to the register of patients. <i>Ukrainian Journal of Pediatric Endocrinology</i> , 2020, .	0.1	0
41	ISPAD Clinical Practice Consensus Guidelines 2018. Chapter 9. Insulin treatment in children and adolescents with diabetes. <i>Ukrainian Journal of Pediatric Endocrinology</i> , 2020, .	0.1	0

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44	Ultrafast acting insulin analog â€“ a new way to prevent postprandial hyperglycemia and improve quality of life in type 1 diabetes patients â€“ case reports. <i>Pediatric Endocrinology, Diabetes and Metabolism</i> , 2021, 27, 305-310.	0.3	5
45	Super Bolus: a remedy for a high glycemic index meal in children with type 1 diabetes on insulin pump therapy?â€”study protocol for a randomized controlled trial. <i>Trials</i> , 2022, 23, 240.	0.7	4
46	<scp>Rapid-acting</scp> insulin analogues: Theory and best clinical practice in type 1 and type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 63-74.	2.2	4
47	The Effect of Two Different Insulin Formulations on Postprandial Hyperglycemia after High and Low Glycemic-Index Meal in Type 1 Diabetes. <i>Nutrients</i> , 2022, 14, 3316.	1.7	1
48	Adjusting Therapy Profiles When Switching to Ultra-Rapid Lispro in an Advanced Hybrid Closed-Loop System: An in Silico Study. <i>Journal of Diabetes Science and Technology</i> , 0, , 193229682211404.	1.3	2
49	Comparative assessment of modern parameters of glycemic control in children with type 1 diabetes after switching to fast-acting insulin aspart using Flash Glucose Monitoring in real clinical practice. <i>Diabetes Mellitus</i> , 2022, 25, 458-467.	0.5	0
50	<scp>ISPAD</scp> Clinical Practice Consensus Guidelines 2022: Insulin treatment in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2022, 23, 1277-1296.	1.2	19
51	Optimal Prandial Timing of Insulin Bolus in Youths with Type 1 Diabetes: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2022, 12, 2058.	1.1	3
52	Ultra rapid lispro showed greater reduction in postprandial glucose versus Humalog in children, adolescents and adults with type 1 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2023, 25, 1964-1972.	2.2	3