

CITATION REPORT

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Pharmacological properties of faster-acting insulin aspart vs insulin aspart in patients with type 1 diabetes receiving continuous subcutaneous insulin infusion: A randomized, double-blind, crossover trial

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Diabetes, Obesity and Metabolism, 2017, 19, 208-215.

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#	Paper	IF	Citations
60	Improved Postprandial Glycemic Control with Faster-Acting Insulin Aspart in Patients with Type 1 Diabetes Using Continuous Subcutaneous Insulin Infusion. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 25-33	8.1	49
59	Faster-acting insulin aspart provides faster onset and greater early exposure vs insulin aspart in children and adolescents with type 1 diabetes mellitus. <i>Pediatric Diabetes</i> , 2017 , 18, 903-910	3.6	39
58	Insulin analogues in type 1 diabetes mellitus: getting better all the time. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 385-399	15.2	94
57	Faster insulin action is associated with improved glycaemic outcomes during closed-loop insulin delivery and sensor-augmented pump therapy in adults with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1485-1489	6.7	6
56	Des innovations technologiques au service de l'injection d'insuline. <i>Medecine Des Maladies Metaboliques</i> , 2017 , 11, 416-424	0.1	2
55	Pharmacological aspects of closed loop insulin delivery for type 1 diabetes. <i>Current Opinion in Pharmacology</i> , 2017 , 36, 29-33	5.1	1
54	Insulin Management Strategies for Exercise in Diabetes. <i>Canadian Journal of Diabetes</i> , 2017 , 41, 507-516	2.1	13
53	Pharmacological Properties of Faster-Acting Insulin Aspart. <i>Current Diabetes Reports</i> , 2017 , 17, 101	5.6	17
52	Rapid-Acting and Human Insulins: Hexamer Dissociation Kinetics upon Dilution of the Pharmaceutical Formulation. <i>Pharmaceutical Research</i> , 2017 , 34, 2270-2286	4.5	19
51	Aktueller Stand der klassischen Insulinpumpentherapie. <i>Diabetologe</i> , 2017 , 13, 161-170	0.2	1
50	Pharmacological properties of faster-acting insulin aspart vs insulin aspart in patients with type 1 diabetes receiving continuous subcutaneous insulin infusion: A randomized, double-blind, crossover trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 208-215	6.7	50
49	Insulin Pumps. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, S30-S40	8.1	3
48	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	3.6	15
47	Blood glucose monitoring during aerobic and anaerobic physical exercise using a new artificial pancreas system. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2018 , 65, 342-347	1.3	5
46	Investigation of Pump Compatibility of Fast-Acting Insulin Aspart in Subjects With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2018 , 12, 145-151	4.1	29
45	Lessons for modern insulin development. <i>Diabetic Medicine</i> , 2018 , 35, 1320-1328	3.5	9
44	Emerging Technologies for Diabetes Care. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, S278-S284	8.1	21

43	Blood glucose monitoring during aerobic and anaerobic physical exercise using a new artificial pancreas system. <i>Endocrinologia Diabetes Y Nutrición (English Ed)</i> , 2018 , 65, 342-347	0.1	0
42	Faster Insulin Aspart: A New Bolus Option for Diabetes Mellitus. <i>Clinical Pharmacokinetics</i> , 2019 , 58, 421-430	6.3	11
41	Glycaemic variability: The under-recognized therapeutic target in type 1 diabetes care. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2599-2608	6.7	21
40	Short-term fully closed-loop insulin delivery using faster insulin aspart compared with standard insulin aspart in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2718-2722	6.7	8
39	Realizing a Closed-Loop (Artificial Pancreas) System for the Treatment of Type 1 Diabetes. <i>Endocrine Reviews</i> , 2019 , 40, 1521-1546	27.2	31
38	Use of fast-acting insulin aspart in insulin pump therapy in clinical practice. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2039-2047	6.7	25
37	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	2.1	21
36	BioChaperone Lispro versus faster aspart and insulin aspart in patients with type 1 diabetes using continuous subcutaneous insulin infusion: A randomized euglycemic clamp study. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1066-1070	6.7	22
35	A randomized, multicentre trial evaluating the efficacy and safety of fast-acting insulin aspart in continuous subcutaneous insulin infusion in adults with type 1 diabetes (onset 5). <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 961-967	6.7	34
34	Are newer insulin analogues better for people with Type 1 diabetes?. <i>Diabetic Medicine</i> , 2020 , 37, 522-531	3.5	3
33	Faster Compared With Standard Insulin Aspart During Day-and-Night Fully Closed-Loop Insulin Therapy in Type 1 Diabetes: A Double-Blind Randomized Crossover Trial. <i>Diabetes Care</i> , 2020 , 43, 29-36	14.6	39
32	Fast-Acting Insulin Aspart: A Review of its Pharmacokinetic and Pharmacodynamic Properties and the Clinical Consequences. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 155-172	6.2	17
31	Biosimilars and Novel Insulins. <i>American Journal of Therapeutics</i> , 2020 , 27, e52-e61	1	3
30	Insulin Pump Therapy. <i>American Journal of Therapeutics</i> , 2020 , 27, e30-e41	1	11
29	Biosynthetic Human Insulin and Insulin Analogs. <i>American Journal of Therapeutics</i> , 2020 , 27, e42-e51	1	10
28	Effect of Afrezza on Glucose Dynamics During HCL Treatment. <i>Diabetes Care</i> , 2020 , 43, 2146-2152	14.6	4
27	Pharmacokinetics of Faster and Standard Insulin Aspart During Fully Closed-Loop Insulin Delivery in Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, 691-696	8.1	3
26	An ultrafast insulin formulation enabled by high-throughput screening of engineered polymeric excipients. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	18

25	Where Do We Stand with Closed-Loop Systems and Their Challenges?. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, 485-491	8.1	3
24	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	6.7	28
23	Stable Monomeric Insulin Formulations Enabled by Supramolecular PEGylation of Insulin Analogues. <i>Advanced Therapeutics</i> , 2020 , 3, 1900094	4.9	14
22	The burden of type 2 diabetes in Europe: Current and future aspects of insulin treatment from patient and healthcare spending perspectives. <i>Diabetes Research and Clinical Practice</i> , 2020 , 161, 108053	7.4	16
21	Fast-Acting Insulin Aspart Use with the MiniMed 670G System. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 1-7	8.1	19
20	Fast Acting Insulin Aspart Compared with Insulin Aspart in the Medtronic 670G Hybrid Closed Loop System in Type 1 Diabetes: An Open Label Crossover Study. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 286-292	8.1	7
19	Improvements in Glycemic Control Achieved by Altering the t Setting in the iLet Bionic Pancreas When Using Fast-Acting Insulin Aspart: A Randomized Trial. <i>Diabetes Therapy</i> , 2021 , 12, 2019-2033	3.6	3
18	Dual-hormone artificial pancreas for management of type 1 diabetes: Recent progress and future directions. <i>Artificial Organs</i> , 2021 , 45, 968-986	2.6	6
17	Glucose control using fast-acting insulin aspart in a real-world setting: A 1-year, two-centre study in people with type 1 diabetes using continuous glucose monitoring. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 2716-2727	6.7	4
16	CGM sensor glucose levels and insulin pump infusion set wear-time during treatment with fast-acting insulin aspart: a post hoc analysis of onset 5. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 2021-2027	8.1	1
15	Comparable Glucose Control with Fast-Acting Insulin Aspart Versus Insulin Aspart Using a Second-Generation Hybrid Closed-Loop System During Exercise. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 2028-2035	8.1	2
14	Time spent in hypoglycemia is comparable when the same amount of exercise is performed 5 or 2 days weekly: a randomized crossover study in people with type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9, e002507	4.5	0
13	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	0.4	0
12	Fast-acting insulin aspart: a review of its pharmacokinetic and pharmacodynamic properties and the clinical consequences. <i>Diabetes Mellitus</i> , 2020 , 23, 140-160	1.6	0
11	Contrôle de la glycémie post-prandiale : apport des nouvelles formulations d'insuline ultra-rapides. <i>Medecine Des Maladies Metaboliques</i> , 2020 , 14, 718-726	0.1	0
10	Adjunctive therapies in type 1 diabetes mellitus. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021 , 28, 8-13	4	0
9	[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</i> , 2020 , 95, 321-321	0.2	0
8	Can Faster Aspart be Used to Optimize Glycemic Control With Insulin Pump Therapy? From Expectations to Lessons Learned After a Year of Use in the United States. <i>Clinical Diabetes</i> , 2021 , 39, 1-10	2.9	0

- 7 Rapid-Acting Insulin Analogues: Theory and Best Clinical Practice in Type 1 and Type 2 Diabetes.. *Diabetes, Obesity and Metabolism*, **2022**, 6.7 1
- 6 Formulation excipients and their role in insulin stability and association state in formulation.
- 5 Faster Insulin Aspart for Continuous Subcutaneous Insulin Infusion: Is It Worth It?. **2022**,
- 4 Formulation Excipients and Their Role in Insulin Stability and Association State in Formulation.
- 3 Chapter 10. Invasive and Implantable Glucose Sensors: Perspective for the Artificial Pancreas. **2022**, 292-304 ○
- 2 Comparison of faster-acting aspart with insulin aspart under conditions mimicking underestimation or missed meal boluses in type 1 diabetes using closed-loop insulin delivery. ○
- 1 Entwicklung der Insulintherapie in der pädiatrischen Diabetologie- Auswertung des DPV-Registers von 1995-2021. ○