

SUPPLEMENTARY MATERIAL

Effective Overall Glycaemic Control with Fast-Acting Insulin

Aspart across Patients with Different Baseline

Characteristics: A *Post Hoc* Analysis of the Onset 9 Trial

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^fUniversity of Alberta, Edmonton, AB, Canada

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*At the time of the study.

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ESM Table 1: List of Independent Ethics Committees/Institutional Review Boards

Site no.	Investigator name Address	IEC Name Address Chairperson
551	Dra. Alejandra Oviedo Site: CENUDIAB Address: Av. Juan Bautista Alberdi 5275 – Depto. 4 (C1440AAD), CABA, Argentina	IEC Name: CEICENUDIAB Address: Av. Juan Bautista Alberdi 5275 – Depto. 4 (C1440AAD), CABA, Argentina Chairperson: Diana Cascallar
552	Dra. Lucrecia Nardone Site: Centro Médico Privado CEMAIC Address: Monseñor Pablo Cabrera 2941 (X5008HHW), Córdoba, Argentina	IEC Name: CEI de Investigación en Salud Prof. Dr. Marcelino Rusculleda Address: Av. Colón 2057 (X5003DCE), Córdoba, Argentina Chairperson: Carlos J. Alfonso
553	Dra. Silvana Solis Site: Centro Diabetológico Dr. Waitman Address: Av. Vélez Sarsfield 576 - 6°A (5000) Córdoba, Argentina	IEC Name: CEI de Investigación en Salud Prof. Dr. Marcelino Rusculleda Address: Av. Colón 2057 (X5003DCE), Córdoba, Argentina Chairperson: Carlos J. Alfonso
554	Dra. Elizabeth Gellersztein Site: CEDIC (Centro de Investigación Clínica) Address: Jerónimo Salguero 2142 – 8° Piso, C1425DES, CABA, Argentina	IEC Name: Comité Independiente de ética para Ensayos en Farmacología Clínica (CIE) Address: J. E. Uriburu 774, 1st floor, CABA Chairperson: Luis M. Zieher
601	Dr. Galina Lazarova "Diagnostic Consulting Center VII - Sofia", Endocrinology and Metabolic Diseases Consulting Room; 191 "Knyaginya Maria Luiza" blvd., Sofia 1233, Bulgaria	Ethics Committee for Multicentre Clinical Trials, 5 Sveta Nedelya square, Sofia 1000, Bulgaria Chairperson (until 31 May 2017): Boyan Doganov, MD Chairperson (as of 31 May 2017): Prof. Dr. Todor Popov Since 01 Aug 2017, new address: 8 "Damyan Gruev" str. Sofia 1303, Bulgaria
602	Dr. Bilyana Stoyanovska- Elencheva Medical Center "Zdrave - 1", Endocrinology and Metabolic Diseases Consulting Room; 4 "Slaveykov" str., Kozloduy 3320, Bulgaria	Ethics Committee for Multicentre Clinical Trials, 5 Sveta Nedelya square, Sofia 1000, Bulgaria Chairperson (until 31 May 2017): Boyan Doganov, MD Chairperson (as of 31 May 2017): Prof. Dr. Todor Popov Since 01 Aug 2017, new address: 8 "Damyan Gruev" str. Sofia 1303, Bulgaria

Site no.	Investigator name Address	IEC Name Address Chairperson
603	Dr. Margarita Tosheva Vitkina "Medical Center Vitclinic", Endocrinology and Metabolic Diseases Consulting Room; 39 "Mur" str., Sofia 1618, Bulgaria	Ethics Committee for Multicentre Clinical Trials, 5 Sveta Nedelya square, Sofia 1000, Bulgaria Chairperson (until 31 May 2017):: Boyan Doganov, MD Chairperson (as of 31 May 2017): Prof. Dr. Todor Popov Since 01 Aug 2017, new address: 8 "Damyan Gruev" str. Sofia 1303, Bulgaria
604	Dr. Dotska Atanasova Minkova "Medical Center - Razgrad", Endocrinology and Metabolic Diseases Consulting Room; 1 "Vasil Levski" str., Razgrad 7200 , Bulgaria	Ethics Committee for Multicentre Clinical Trials, 5 Sveta Nedelya square, Sofia 1000, Bulgaria Chairperson (until 31 May 2017): Boyan Doganov, MD Chairperson (as of 31 May 2017): Prof. Dr. Todor Popov Since 01 Aug 2017, new address: 8 "Damyan Gruev" str Sofia 1303, Bulgaria

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
251	Dr. Hani Alasaad LMC Clinical Research Inc. (Barrie) 370 Bayview Drive, Suite 110 Barrie, ON L4N 7L3 Previous Address: LMC Clinical Research Inc. (Barrie) 5 Quarry Ridge Road, Suite 306 Barrie, ON L4M 7G1	Advarra IRB⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Chairperson: MarianneVanderwel, MEng, MSc
252	Dr. Roy Allison The Port Arthur Clinic Research Program 194 North Court Street Thunder Bay, ON P7A 4V7	Advarra IRB⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, Meng, MSc

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
253	Dr. Michael Jones Cook Street Medical Clinic 1175 Cook Street, Suite 107 Victoria, BC V8V 4A1	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc
254	Dr. Nadeem Aslam LMC Clinical Research Inc. (Etobicoke) 1723 Kipling Avenue, Suite 2B Etobicoke, ON M9R 4E1	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc
255	Dr. Robert Schlosser LMC Clinical Research Inc. (Thornhill) 1600 Steeles Avenue West, Unit 5-10,Concord,ON L4K 4M2 Previous Address: 531 Atkinson Avenue, Suite 17 Thornhill, ON L4J 8L7	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
256	Dr. Peter Senior Alberta Diabetes Institute, Clinical Research Unit 2-004 Li Ka Shing Centre for Health Research Innovation 87 th Avenue & 112 th Edmonton, AB T6G 2E1	University of Alberta ⁽¹⁾ Health Research Ethics Board Biomedical Panel 308 Campus Tower 8625-112th Street Edmonton, AB T6G 1K8 Chairperson: Dr. Shane Kimber, MD
257	Dr. Oren Steen LMC Clinical Research Inc. (Bayview) 1929 Bayview Avenue, Suite 107 Toronto, ON M4G 3E8	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc
258	Dr. Zeina Yared LMC Clinical Research Inc. (Montreal) 6363 Transcannadienne, Suite 238 Ville Saint-Laurent, QC H4T 1Z9	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
259	Dr. Sam Henein SKDS Research Inc. 679 Davis Drive, Suite 221 Newmarket, ON L3Y 5G8	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc
260	Dr. Thomas Ransom Nova Scotia Health Authority QEII Health Sciences Centre 1276 South Park Street,7N Victoria Building Halifax, NS B3H 2Y9	Nova Scotia Health Authority REB ⁽¹⁾ 5790 University Avenue, Room 118 Halifax, NS B3H 1V7 Chairperson: Dr. Chris MacKnight, MD
261	Dr. Richard Tytus Hamilton Medical Research Group 700 Main Street East, Hamilton, ON L8M 1K7	Advarra IRB ⁽¹⁾ 372 Hollandview Trail, Suite 300 Aurora, ON ,Canada L4G 0A5 Previous: IRB Services 372 Hollandview Trail, Suite 300 Aurora, ON Canada L4G 0A5 Chairperson: Marianne Vanderwel, MEng, MSc

Site no.	Investigator name Address	Name Address Chairperson
901	Doc. MUDr. Alena Šmahelová, Ph.D. Klinika gerontologická a metabolická Fakultní nemocnice Hradec Králové Sokolská 581 500 05 Hradec Králové	Etická komise FN Hradec Králové Sokolská 581 500 05 Hradec Králové Chairperson MUDr. Jiří Vortel
902	MUDr. Jitka Zemanová Interní a diabetologická ordinace Francouzská tř. 4 326 00 Plzeň	Etická komise FN Hradec Králové Sokolská 581 500 05 Hradec Králové Chairperson MUDr. Jiří Vortel
903	MUDr. Pavlína Kyselová, Ph.D. DIEKO s.r.o. Diabetologická ambulance Karlovarská 30 301 66 Plzeň	Etická komise FN Hradec Králové Sokolská 581 500 05 Hradec Králové Chairperson MUDr. Jiří Vortel
904	MUDr. Kateřina Hejnicová Diabetologická ordinace Na Struže 30 541 01 Trutnov	Etická komise FN Hradec Králové Sokolská 581 500 05 Hradec Králové Chairperson MUDr. Jiří Vortel

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
801	Dr. med. Jörg Lüdemann Zentrum für Klinische Studien Poststr. 46+48-50 14612 Falkensee	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
802	Dr. med. Andrea Mölle Altstrehlen 3 01219 Dresden	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
803	Dr.med Ludger Rose Institut für Diabetesforschung GmbH Hohenzollernring 70 48145 Münster	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
804	Alexander Segner Zentrum für Klinische Studien Hauptstr. 98 66386 St. Ingbert	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
805	Dr. med. Andres Staudenmeyer Am Wall Süd 20 49808 Lingen	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
806	Dr. med. Helga Zeller-Stefan InnoDiab Forschung GmbH Eleonorastr. 42 45136 Essen	Ethikkommission der Ärztchammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
807	Dr. med. Joachim Müller Friedenstr. 14 97421 Schweinfurt	Ethikkommission der Ärztammer Westfalen-Lippe Gartenstr. 210-214 48147 Münster
201	Contacto: Carmen de la Cuesta Clinica Nuevas Tecnologías en Diabetes y Endocrinología Servicio de Endocrinología C/ Alejo Fernández,9- local 4 41013 Sevilla	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C Joaquín Rodrigo, 2 28222-Majadahonda Madrid
202	Contacto: Dr. Pedro Mezquita Clínica San Pedro Plaza de San Pedro, 5, 1-3 04001 Almería	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C Joaquín Rodrigo, 2 28222-Majadahonda Madrid

Site No.	Investigator name Address	IEC/IRB Name Address Chairperson
203	Contacto: Dra. Margarita Rivas Hospital Infanta Luisa Servicio de Endocrinología Consultas externas de Endocrinología C/ San Jacinto, 87 41010 Sevilla	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C\ Joaquín Rodrigo, 2 28222-Majadahonda Madrid
204	Contacto: Dr. Esteban Jódar Hospital Quirón Salud Consulta de Endocrinología C/ Diego de Velázquez, planta -1 28223 Pozuelo de Alarcón Madrid	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C\ Joaquín Rodrigo, 2 28222-Majadahonda Madrid
205	Contacto: Dra. Lidia Sojo Hospital Universitario Dr. Josep Trueta Servicio de Endocrinología y Nutrición Avda. França, s/n planta 9, despacho 912 17007 Girona	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C\ Joaquín Rodrigo, 2 28222-Majadahonda – Madrid

Site No.	Investigator name Address	IEC/IRB Name Address Chairperson
206	Contacto: Dr. Alfonso Soto Complejo Hospitalario y Universitario A Coruña Servicio de Endocrinología y Nutrición, 3ª Planta Consultas Externas de Endocrinología Xubias de Arriba, 84 15006 A Coruña	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C\ Joaquín Rodrigo, 2 28222-Majadahonda Madrid
207	Contacto: Dr. Diego Ariel Lezcano Mebinova, Investigación y Desarrollo C/ Marqués de la Valdavia 103 28100 Alcobendas Madrid	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C Joaquín Rodrigo, 2 28222-Majadahonda Madrid
208	Contacto: Dra. Mercedes Rigla Hospital Universitario Parc Taulí Servicio de Endocrinología y Nutrición, Edificio Taulí – Hospital de Sabadell, 2º piso, sala F, C/ Parc Taulí, s/n, 08208 Sabadell	CENTRAL IRB-IEC Hospital Universitario Puerta de Hierro Majadahonda Secretaria Administrativa del CEIm Planta 0 C Joaquín Rodrigo, 2 28222-Majadahonda Madrid

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
All	As below	National Ethics Committee 284, Mesogeion str. GR-15562, Cholargos, Athens Greece Chairperson: Th. Kolettis
401	Dr Pagkalos Emmanouil “THERMI” Private Hospital 14 th km of National Road Thessaloniki – N. Moudania 57001, Thermi, Thessaloniki Greece	Scientific Board “THERMI” Private Hospital 14th km of National Road Thessaloniki –N. Moudania 57001, Thermi, Thessaloniki Greece Chairperson: Dr S. Patsialas
402	Dr. Konstantinos Makrilakis “Laiko” General Hospital of Athens 17, Agiou Thoma str Goudi, Athens GR 11527 Greece	Scientific Board “Laiko” General Hospital of Athens 17, Agiou Thoma str Goudi, Athens GR 11527 Greece Chairperson: Dr. K. Konstantinidis

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
403	Dr. Bargiota Alexandra U.G.H of Larissa Mezourlo Area Larissa GR-41110 Greece	Scientific Board U.G.H of Larissa Mezourlo Area Larissa GR-41110 Greece Chairperson: Dr L. Sakkas
404	Dr. Sampanis Christos G.H. of Thessaloniki "Ippokrateio" 49, Konstantinoupoleos str. GR-54642, Thessaloniki, Greece	Scientific Board G.H. of Thessaloniki "Ippokrateio" 49, Konstantinoupoleos str. GR-54642, Thessaloniki, Greece Chairperson: Dr Ch. Makos
405	Dr. Triantafyllos Didangelos U.G.H. of Thessaloniki "Ahepa" 1, St. Kiriakidis str, 1st department of Propedeutic Internal Medicine, Thessaloniki, GR-54636, Greece	Scientific Board U.G.H. of Thessaloniki "Ahepa" 1, St. Kiriakidis str, 1st department of Propedeutic Internal Medicine, Thessaloniki, GR-54636, Greece Chairperson: Dr. A. Michalopoulos (amendment 2)

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
406	Dr Vasileios Tsimichodimos University Hospital of Ioannina Stavros Niarchos Avenue Ioannina, 45500, Greece	Scientific Board University Hospital of Ioannina Stavros Niarchos Avenue Ioannina, 45500, Greece Chairperson: Dr. V. Tsikaris
407	Dr. G. Karousos Iatriko Psychicou Department of Internal Medicine & Diabetes, 1, Andersen Str., Psychico, Athens, 115 25, Greece	Scientific Board Iatriko Psychicou Department of Internal Medicine & Diabetes, 1, Andersen Str., Psychico, Athens, 115 25, Greece Chairperson: D. Papanonatos
408	Dr. Maria Somali EUROMEDICA General Clinic of Thessaloniki, Marias Kalas 11 & Gravias 2, Thessaloniki, GR-54643, Greece	Scientific Board EUROMEDICA General Clinic of Thessaloniki, Marias Kalas 11 & Gravias 2, Thessaloniki, GR-54643, Greece Chairperson: Dr. N. Malisiovas

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
409	Dr Bakatselos Spyridon (Spyros) Ippokrateio Thessaloniki 49, Konstantinoupoleos str. 54642, Thessaloniki Greece	Scientific Board Ippokrateio Thessaloniki 49, Konstantinoupoleos str. 54642, Thessaloniki Greece Chairperson: Dr. D. Ktistis
931	Asst.prof. Silvija Canecki-Varžić, MD, PhD Clinical Hospital Centre Osijek J. Huttlera 4 31000 Osijek Croatia	Central Ethics Committee Ksaverska cesta 4, 10000 Zagreb, Croatia Chairperson: Asst. Prof. Suzana Mimica Matanović, MD, PhD
932	Ema Drvodelić Šunić, MD General Hospital Karlovac Andrije Štampara 3 47000 Karlovac Croatia	Central Ethics Committee Ksaverska cesta 4, 10000 Zagreb, Croatia Chairperson: Asst. Prof. Suzana Mimica Matanović, MD, PhD
933	Vesna Šimegi-Đekić, MD General Hospital Varaždin Ivana Meštrovića 1 47000 Varaždin Croatia	Central Ethics Committee Ksaverska cesta 4, 10000 Zagreb, Croatia Chairperson: Asst. Prof. Suzana Mimica Matanović, MD, PhD

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
934	Prof. Lea Smirčić-Duvnjak, MD, PhD Clinical Hospital Merkur - University Hospital Clinic for Diabetes and Endocrinology Vuk Vrhovac Dugi Dol 4a 10000 Zagreb Croatia	Central Ethics Committee Ksaverska cesta 4, 10000 Zagreb, Croatia Chairperson: Asst. Prof. Suzana Mimica Matanović, MD, PhD
651	Dr. PierMarco Piatti Ospedale San Raffaele Unità di Cardio-metabolismo e Trials Clinici Settore G, Piano -1 Via Olgettina 60 20132 Milano	Comitato Etico Ospedale San Raffaele Via Olgettina, 60 20132 Milano MI
652	Prof. Manfredi Rizzo (until 31 dec 2018) Prof. Roberto Citarella (from 01 Jan 2019) (DIBIMIS) Scuola di Medicina e Chirurgia Università degli Studi di Palermo Via del Vespro, 141 - 90127 - Palermo	CE DELL'AZIENDA OSPEDALIERA UNIVERSITARIA POLICLINICO PAOLO GIACCONE DELL'UNIVERSITA' DEGLI STUDI DI PALERMO Via Del Vespro, 129 90127 PALERMO

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
653	Dr. Giancarlo Tonolo Ospedale San Giovanni di Dio Viale Aldo Moro s.n.c., 07026 OLBIA	COMITATO DI BIOETICA DELLA ASL DI SASSARI VIA MONTE GRAPPA N. 82 07100 SASSARI (Sassari)
654	Prof. Agostino Consoli Istituto CESI Centro Ricerca Clinica Via Polacchi 11/13 66100 – CHIETI	Comitato Etico delle Province di Chieti e di Pescara e dell'Università degli Studi “G. D’Annunzio” Segreteria Tecnico- amministrativa Via dei Vestini 29B 66100 CHIETI
655	Prof. Giorgio Sesti U.O. di Medicina Interna Policlinico Mater Domini Università di Catanzaro Campus Germaneto Viale Europa Germaneto 88100 - Catanzaro	COMITATO ETICO REGIONE CALABRIA sez. Area Centro Via Tommaso Campanella 115 88100 Catanzaro
656	Dr. Natalino Simioni U.O.S. Dipartimentale di Diabetologia Azienda Ulss 15 "alta Padovana" Riva Dell'Ospedale", Via Riva dell'Ospedale 35013 Cittadella (PD)	Comitato Etico Padova Via Giustiniani 1 2° piano - Sopra laboratorio prelievi San Massimo 35128 Padova

Site No.	Investigator name Address	IEC/IRB Name Address Chairperson
301	Dr. So Hyeon Hong (Replaced Dr. Sei Hyun Baik as of 01 Sep 2018) Korea University Guro Hospital 148, Gurodong-ro, Guro-gu, Seoul 08308, Republic of Korea	Korea University Guro Hospital Institutional Review Board 148, Gurodong-ro, Guro-gu, Seoul 08308, Republic of Korea Dr.Seon Mee Kim(Panel #1) <i>Changed from</i> Dr. Tae-Seok Seo Dr. Gang Jee Ko (Panel#2) <i>Changed from Dr. Sang Cheul Oh</i> Dr. Guknam Han (Panel#3) <i>Changed from Dr. Baek-hui Kim</i> Dr. Seok Joo Hong (Panel#4) <i>Changed from Dr. Joo Han Kim</i>
302	Dr. Hak Chul Jang Seoul National University Bundang Hospital 82, Gumi-ro 173 Beon-gil, Bundang- gu, Seongnam-si, Gyeonggi-do, 13620, Republic of Korea	Seoul National University Bundang Hospital Institutional Review Board 82, Gumi-ro 173 Beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13620, Republic of Korea Dr. Kyoung Un Park (Panel #1) Dr. Hak Chul Jang (Panel #2) Dr, SUNG-BUM KANG (as of 01 Aug 2018) (Panel #3) <i>Changed from Dr, Chae-Seo Rhee (Panel #3)</i> Dr. Gheeyoung CHOE (Panel #4) Dr. Jin-Hyeok Hwang (Panel #5)
303	Dr. Kyong Soo Park Seoul National University Hospital 101, Daehak-ro, Jongno-gu, Seoul, 03080, Republic of Korea	Seoul National University Hospital Institutional Review Board 101, Daehak-ro, Jongno-gu, Seoul, 03080, Republic of Korea; Dr. Yun Chul Hong (Panel#1) Dr. Byung Joo Park (Panel#2) Dr. Chul Gyu Yoo (Panel#3); Dr. Hyeong Gon Yu (Panel#4) <i>Changed from Dr. Bon Kwon Koo (Panel#4); Vacant(Panel#5)</i> <i>Changed from Dr, Eun Bong Lee after Dr. Woo Ho Kim;</i> Dr. Kyu Han Kim (Panel#6); Dr. Byung-Woo Yoon (Panel#7) Dr. Kyoung Min Lee (Panel#8)

304	Dr. Jae Hyeon Kim	Samsung Medical Center Institutional Review Board
	Samsung Medical Center	81 Irwon-ro, Gangnam-gu, Seoul, 06351, Korea
	81 Irwon-ro, Gangnam-gu, Seoul, 06351, Korea	Dr. Oh, Young Keun (Panel A) Dr. Lee, Jung-Il (Panel B)
		Dr. Lee, Suk-Koo (Panel C) Dr. Lee, Joo Heung (Panel
		D) Dr. Kim, Ho joong (Panel E) Dr. Ha, Chul-Won
		(Panel F) Dr. Huh, Woo seong (Panel G) Dr. Kim, Jong-
		won (Panel H) Dr. Huh, Woo seong (Panel I) Dr. Jung,
		Chul Won (Panel J)
305	Dr. Kun-Ho Yoon	Catholic Medical Center Seoul St. Mary's Hospital Institutional Review Board
	Catholic University of Korea, Seoul St. Mary's Hospital	222 Banpo-Daero, Seocho-gu, Seoul, 06591, Korea
	222 Banpo-Daero, Seocho-gu, Seoul, 06591, Korea	Dr. Lee, Kwan-Sung (Panel #1) Dr. Yang, Dong-Won (Panel #2) Dr. Park, Young-Min (Panel #3) Dr. Lee, Dong-Gun (Panel #4) Dr. Lee, Myung-Ah (Panel #5)
306	Dr. Soon Jib Yoo	Catholic Medical Center Bucheon St. Mary's Hospital Institutional Review Board
	Catholic University of Korea, Bucheon St. Mary's Hospital	327, Sosa-ro, Wonmi-gu, Bucheon-si, Gyeonggi-do, 14647, Republic of Korea
	327, Sosa-ro, Wonmi-gu, Bucheon-si, Gyeonggi-do, 14647, Republic of Korea	Dr. Chi-un Pae
307	Dr. Jeong Taek Woo	KyungHee University Hospital Institutional Review Board
	KyungHee University Hospital	Kyungheedae-ro, Dongdaemun-gu, Seoul, 02447 Republic of Korea
	Kyungheedae-ro, Dongdaemun-gu, Seoul, 02447 Republic of Korea	Dr. Tae-Beom Ahn (Panel A) <i>Changed from Dr. Mu-Hyoung Lee (Panel A)</i>
		Dr. Lee, Sun Ju (Panel B)
		<i>Changed from Dr. Hee-Joo Lee (Panel B)</i>
		<i>Changed from Dr. Sung-Ho Cha (Panel B)</i>
		Dr. Si-Young Kim (Panel C)

308	Dr. Ji Hye Huh Wonju Severance Christian Hospital 20, Ilsan-ro, Wonju, Gangwon-do, 26426, Republic of Korea	Wonju Severance Christian Hospital Institutional Review Board 20, Ilsan-ro, Wonju, Gangwon-do, 26426, Republic of Korea Dr. Won Yeon Lee
309	Dr. Ho Sang Shon Daegu Catholic University Medical Center 33, Duryugongwon-ro 17-gil, Nam-gu, Daegu 42472, Republic of Korea	Daegu Catholic University Medical Center Institutional Review Board 33, Duryugongwon-ro 17-gil, Nam-gu, Daegu 42472, Republic of Korea Dr. Jeong Kyu Kim
310	Dr. Cheol-Young Park Kangbuk Samsung Hospital 29, Saemunan-ro, Jongno-gu, Seoul, 03181, Republic of Korea	Kangbuk Samsung Hospital Institutional Review Board 29, Saemunan-ro, Jongno-gu, Seoul, 03181, Republic of Korea Dr. Joo (first name is blinded according to the IRB policy) <i>Changed from KwanJoong Joo</i>

Site no.	Investigator name Address	IEC Name Address Chairperson
701	Prof. dr hab.n.med. Edward Franek – <i>National Coordinator</i> Centralny Szpital Kliniczny Ministerstwa Spraw Wewnętrznych w Warszawie, Klinika Chorob Wewnętrznych, Endokrynologii i Diabetologii, Centrum Diabetologiczne ul. Wołoska 137 02-507 Warszawa	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>
702	Dr n. med. Małgorzata Arciszewska NZOZ Specjalistyczny Ośrodek Internistyczno- Diabetologiczny Małgorzata Arciszewska ul. Zamenhofa 10/20 15-435 Białystok	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>

Site no.	Investigator name Address	IEC Name Address Chairperson
703	Lek. med. Katarzyna Kłodawska NBR Polska Tomasz Kłodawski ul. 29 Listopada 18A/U4 00-465 Warszawa	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>
704	Dr Patrycja Butrymowicz Examen Spolka z ograniczona odpowiedzialnoscia ul. Barwicka 14a 60-192 Poznan	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>
705	Dr n. med. Anna Sidorowicz- Białynicka Synexus Polska Spolka z ograniczona odpowiedzialnoscia, Oddzial we Wroclawiu ul. Swobodna 8a 50-088 Wroclaw	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>

Site no.	Investigator name Address	IEC Name Address Chairperson
706	Dr Agnieszka Tiuryn-Petrulewicz ETG Warszawa Aleja Komisji Edukacji Narodowej 98 lok. U17 02-777 Warszawa	Komisja Etyki i Nadzoru nad Badaniami na Ludziach i Zwierzętach Centralnego Szpitala Klinicznego MSWiA ul. Wołoska 137 02- 507 Warszawa Chairperson <i>prof. dr hab. n. med. Robert Gil</i>
751	Lavinia Mariana Munteanu Centrul Medical „Sfântul Ștefan”, strada Samuil Micu nr. 9, 300125, Timișoara, România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu

Site no.	Investigator name Address	IEC Name Address Chairperson
752	Dr Adriana Cif SC Mediab SRL, strada Gheorghe Marinescu Nr 8A, Ap I-II, 540142, Târgu Mureș, Mureș, România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu
753	Dr. Brindusa Adriana Cofaru SC Mariodiab Clinic, Bld. 15 Noiembrie nr. 75, Bl. 75, Sc A, Ap 2, 500101, Brașov, România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu
754	Dr. Marlana Pascu SC Nutrilife SRL Str. C-tin Dobrogeanu Gherea nr 10-12, etaj 2 013682, Bucuresti România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu

Site no.	Investigator name Address	IEC Name Address Chairperson
755	Dr. Valentina Mirela Neacsu Centrul Medical de Diagnostic și Tratament Ambulatoriu Neomed S.R.L, Str. Crișului nr. 1, bl. 1, sc. C, ap. 2, 500283 Brașov, jud. Brașov, România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu
756	Dr. Lavinia Pop CMI Diabet, Nutriție, Boli Metabolice “Dr Pop Lavinia”, Departamentul de Diabet zaharat, nutriție si boli metabolice, Str. George Coșbuc 25A, Ap 2, 430222, Baia Mare, România	National Bioethics Comitee for Medicines and Medical Devices 19-21. Ștefan cel Mare Bvd., Sector 2, 020125 București Tel: + 4021 - 210 28 80 Fax: + 4021 – 2102881 Prof. Dr. Dinu Antonescu
391	Prof. Nebojsa M. Lalic, MD Endocrinology, Diabetes and Metabolism Disorders Clinic, Department for Metabolic Disorders, Intensive Treatment and Cell Therapy, Clinical Centre of Serbia, Dr Subotica 13, 11000 Belgrade, Serbia	Ethics Committee Clinical Centre of Serbia, Pasterova 2, 11000 Belgrade, Serbia Chairman Prof. dr Branislav Stefanovic
392	Prof. Katarina Lalic, MD Endocrinology, Diabetes and Metabolism Disorders Clinic, Department for Lipid Disorders and Cardiovascular Complications in Diabetes, Clinical Centre of Serbia, Dr Subotica 13, 11000 Belgrade, Serbia	Ethics Committee Clinical Centre of Serbia, Pasterova 2, 11000 Belgrade, Serbia Chairman Prof. dr Branislav Stefanovic

Site no.	Investigator name Address	IEC Name Address Chairperson
393	Prof. Aleksandra Kendereski, MD Endocrinology, Diabetes and Metabolism Disorders Clinic, Department for Metabolic Disorders, in Endocrinology, Clinical Centre of Serbia, Dr Subotica 13, 11000 Belgrade, Serbia	Ethics Committee Clinical Centre of Serbia, Pasterova 2, 11000 Belgrade, Serbia Chairman Prof. dr Branislav Stefanovic
394	Prof. Aleksandar Djukic, MD Clinical Centre Kragujevac, Clinical department for endocrinology, diabetes and metabolism disorders Zmaj Jovina 30, 34000 Kragujevac, Serbia	Ethics Committee Clinical Centre Kragujevac Zmaj Jovina 30, 34000 Kragujevac, Serbia Chairman Doc. dr Dejana Ruzic Zecevic
395	Prof. Radivoj Kocic, MD Clinical Centre Nis, Clinic for Endocrinology, Diabetes and Metabolic disorders, Bulevar dr Zorana Djindjica 48, 18000 Nis, Serbia	Ethics Committee Clinical Centre Nis Bulevar dr Zorana Djindjica 48, 18000 Nis, Serbia Chairman Steva Stanisic, MD
396	Prof. Dragan Dimic, MD Clinical Centre Nis, Clinic for Endocrinology, Diabetes and Metabolic disorders, Bulevar dr Zorana Djindjica 48, 18000 Nis, Serbia	Ethics Committee Clinical Centre Nis Bulevar dr Zorana Djindjica 48, 18000 Nis, Serbia Chairman Steva Stanisic, MD
397	Prof. Milena Mitrovic, MD Clinical Centre of Vojvodina, Clinic for internal diseases, Clinic for endocrinology, diabetes and metabolism disorders, Hajduk Veljkova 1-3, 21000 Novi Sad, Serbia	Ethics Committee Clinical Centre of Vojvodina Hajduk Veljkova 1, 21000 Novi Sad, Serbia Chairman Prof. Edita Stokic, MD
398	Prof. Edita Stokic, MD Clinical Centre of Vojvodina, Clinic for internal diseases, Clinic for endocrinology, diabetes and metabolism disorders, Hajduk Veljkova 1-3, 21000 Novi Sad, Serbia	Ethics Committee Clinical Centre of Vojvodina Hajduk Veljkova 1, 21000 Novi Sad, Serbia Chairman Prof. Edita Stokic, MD (was excluded from voting for approval, as she participates in clinical trial as principal investigator)

Site no.	Investigator name Address	IEC Name Address Chairperson
399	Prim. Miodrag Djordjevic, MD Health Centre Zajecar, Ambulance for diabetes Rasadnicka b.b., 19000 Zajecar, Serbia	Ethics committee Health Centre Zajecar Ambulance for diabetes Rasadnicka b.b., 19000 Zajecar, Serbia Chairman dr Nena Cukic
All RU sites: 471-478 (Central EC)	Ethics Committee at Ministry of Health of the Russian Federation 3, Rakhmanovskiy per., GSP-4, 127994 Moscow, Russian Federation	Ethics Committee at Ministry of Health of the Russian Federation 3, Rakhmanovskiy per., GSP-4, 127994 Moscow, Russian Federation Chairperson: A. G. Chuchalin
471	Dr. Nina Petunina "City Clinical Hospital #67 named after L.A. Vorokhobov" 2/44, Salyama Adilya Str., 123423, Moscow, Russian Federation	Local Ethics Committee of the First Moscow State Medical University n.a. I.M. Sechenov 8, Trubetskaya str., build. 2, 119991 Moscow Chairperson: V. N. Nikolenko Previous chairperson: D. A. Balalykin
472	Dr. Svetlana Feofanova State Healthcare Institution "Leningrad Regional Clinical Hospital" 45-49, Lunacharskogo pr., Saint-Petersburg, 194291, Russian Federation	Leningrad Regional Clinical Hospital Local Independent Ethics Committee 45-49, Lunacharskogo pr., Saint-Petersburg, 194291 Chairperson: I. A. Khizhnyak
473	Dr. Ekaterina Filippova Limited Liability Company "Medinet" 5, build. 1, Vyborgskoye shosse, Saint-Petersburg, 194356, Russian Federation	Independent Ethics Committee of the LLC "Medinet" 5, build. 1, Vyborgskoye shosse, Saint-Petersburg, 194356, Russian Federation Previous address: 21, Litera E, Rizhsky Prospekt, Saint-Petersburg, 190103, Russian Federation Chairperson: M.Y. Korshunov

Site no.	Investigator name Address	IEC Name Address Chairperson
474	Dr. Maria Startseva State Government-financed Healthcare Institution of Arkhangelsk Region "Arkhangelsk Regional Clinical Hospital" 292, Lomonosova pr., 163045, Arkhangelsk, Russian Federation	Local Ethics Committee of the State Government- financed Healthcare Institution of Arkhangelsk Region "Arkhangelsk Regional Clinical Hospital" 292, Lomonosova pr., 163045, Arkhangelsk, Russian Federation Chairperson: M.V. Korobeinikova
475	Dr. Svetlana Zyangirova Kazan City Endocrinology Dispensary 3, Sedova str., Tatarstan Republic, Kazan, 420073, Russian Federation	Ethics Committee of State Autonomous Healthcare Institution Kazan City Endocrinology Dispensary 3, Sedova str., Tatarstan Republic, Kazan, 420073, Russian Federation Chairperson: Sapukova L.S.
476	Prof. Lyudmila Suplotova State Budgetary Educational Institution of Higher Professional Education "Tyumen State Medical University" of Ministry of Healthcare of Russian Federation 54, Odesskaya str., Tyumen, 625023, Russian Federation	Ethics Committee of SBEI HPE "Tyumen State Medical University" 26, Energetikov Str., 625013, Tyumen, Russian Federation Chairperson: E.A. Orterberg
477	Prof. Marina Sergeeva-Kondrachenko The State Budget Institution of Healthcare "Penza Regional Clinical Hospital n.a. N.N. Burdenko" 28, Lermontova str., Penza, 440026, Russian Federation	Local Ethics Committee of the State Budget Healthcare Institution of Higher Professional Education "Penza Institute of Advanced Training for Doctors of the Ministry of Health of the Russian Federation" 8A, Stasova str., Penza, 440060 Chairperson: A.A. Pribytkov
478	Dr. Elena Zhdanova State budgetary institution of health care "Voronezh regional clinical diagnostic center" 5a, Lenina Sq., Voronezh, 394018, Russian Federation	Local ethics Committee of Voronezh regional clinical consultative- diagnostic center 5-A, Lenina sq, Voronezh, 394018 Chairman: M.L. Giorgadze

Site no.	Investigator name Address	IEC Name Address Chairperson
971	Dr. Viera Donicova, PhD. HUMAN-CARE s.r.o. Diabetologicka ambulancia Rastislavova 45 040 01 Kosice Slovakia	Central IEC Eticka komisia Kosickeho samospravného kraja Namestie Maratonu mieru 1 042 66 Kosice Slovakia Chairperson: Dr. Martina Kudlacova
972	Dr. Livia Tomasova IN-DIA s.r.o. Diabetologicka ambulancia Mierova 1 984 01 Lucenec Slovakia	Eticka komisia Banskobystrickeho samospravného kraja Namestie SNP 23 974 01 Banska Bystrica Slovakia Chairperson: Dr. Valerian Poticny, MPH
973	Assoc. Prof., Dr. Emil Martinka, PhD. Narodny endokrinologicky a diabetologicky ustav, n.o. Kollarova 282/3 034 91 Lubochna Slovakia	Eticka komisia Narodny endokrinologicky a diabetologicky ustav, n.o. Kollarova 282/3 034 91 Lubochna Slovakia Chairperson: Dr. Dusan Pavai

Site no.	Investigator name Address	IEC Name Address Chairperson
974	Dr. Ingrid Buganova MEDIVASA, s.r.o. Nemocnica s poliklinikou Vojtecha Spanoyla 8187 010 01 Zilina Slovakia	Eticka komisia Zilinskeho samospravného kraja Komenskeho 48 011 09 Zilina Slovakia Chairperson: Dr. Martin Kapasny, MPH
975	Dr. Iveta Kurcova DIA Zilina, s.r.o. Vojtecha Spanoyla 43 010 01 Zilina Slovakia	Eticka komisia Zilinskeho samospravného kraja Komenskeho 48 011 09 Zilina Slovakia Chairperson: Dr. Martin Kapasny, MPH
975	Dr. Elena Nehajova DIABETOLOGIA s.r.o. Belanskeho 1346 024 01 Kysucke Nove Mesto Slovakia	Eticka komisia Zilinskeho samospravného kraja Komenskeho 48 011 09 Zilina Slovakia Chairperson: Dr. Martin Kapasny, MPH
501	Prof. Nadiya Pasyechko 1, Klinichna str., Ternopil, 46002	Local ethics committee of State Institution of Ternopil regional Council "Ternopil University Clinic" 1, Klinichna str.Ternopil, 46002 Chairperson: Herasymets I. M.
502	PhD, MD Alina Urbanovych 1, Ostrozkyy str., Lviv, 79010	Local ethics committee of Lviv regional state clinical medical and diagnostic endocrinological center 1, Ostrozkyy str.Lviv, 79010 Current chairperson: Pidsadochnyi A. Y. (since 06-Nov-2017) Former chairperson (till 05-Nov-2017) Ablitsov Y. V.

Site no.	Investigator name Address	IEC Name Address Chairperson
503	Dr. Galyna Myshanych 9, Povitroflotsky Avenue, Kiev, 03049	Local ethics committee of Kyiv clinical hospital on the railway transport #2, branch of "Centre of Healthcare" PLC Ukrzaliznytsia 9, Povitroflotsky AvenueKiev, 03049 Chairperson: Babakova O. V.
504	PhD. Larysa Pererva Moskovskiy Pr. 197, Kharkiv, 61000	Local ethics committee of Communal non- commercial enterprise "City Clinical Hospital #2 n.a. prof. O. O. Shalimov" of Kharkiv city council Moskovskiy Pr. 197, Kharkiv, 61000 Current chairperson: Panova O. A. (since 16-Jul- 2018) Former chairperson: Hvozdyk Y. A. (till 15-Jul-2018)

Site no.	Investigator name Address	IEC Name Address Chairperson
505	Dr. NataliyaPertseva 26, Pasteur str., Dnipro, 49038	Local ethics committee of Separate Unit “Medical Academy Clinic” of SI “Dnipropetrovsk Medical Academy of MoHU” 26, Pasteur str., Dnipro, 49038 Chairperson: Makhova I. B.
506	MD, PhD Maryna Vlasenko 32, Michurina str., Vinnytsia, 21010, Ukraine	Local ethics committee of Vinnytsya Regional Clinical Highly Specialized Endocrinology Center 32, Michurina str., Vinnytsia, 21010, Ukraine Chairperson: Palamarchuk A. V.
101	Dr. Subbulaxmi Trikudanathan University Of Washington, Endocrine and Diabetes Care Center 4245 Roosevelt Way NE Third Floor, Suite E131 Seattle, WA 98105	University Of Washington ⁽¹⁾ Endocrine and Diabetes Care Center Western Institutional Review Board South Hill Business & Technology Center 1019 39th Ave SE/Suite 120donald Puyallup, WA 98374 Chairperson: Erin Brower
102	Dr. Sandra Weber Greenville Health System Endocrinology Specialists and Thyro 877 W Faris Rd Suite D Greenville, SC 29605-4254	Western Institutional Review Board ⁽¹⁾ 1019 39th Avenue SE Puyallup, WA 98374 Chairperson: Erin Brower

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
103	Dr. Michael Dempsey Endocrine And Metabolic Consultants 3200 Tower Oaks Blvd. Suite 250 Rockville, MD 20852	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
104	Dr. Samir Malkani UMass Medical SchoolClinical Research Center 55 Lake Ave. North AC1-044 Worcester, MA 01655	UMass Medical School ⁽¹⁾ Center for Clinical and Translational Science Institutional Review Board (IRB) 362 Plantation Street, Ambulatory Care Center, 7th Floor Worcester, MA 01605-0002 Chairperson: Carol Bova
105	Dr. Helen Stacey Diablo Clinical Research, Inc. 2255 Ygnacio Valley Road Suite M Walnut Creek, CA 94598	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
106	Dr. Jonea Lim The University of Oklahoma Health Sciences Center 1000 N Lincoln Blvd. Suite 1000 Oklahoma City, OK 73104-5020	The University of Oklahoma Health (1) Sciences Center Institutional Review Board for the Protection of Human Subjects 1105 North Stonewall Ave., Library Building Room 176 Oklahoma City, OK 73117 Chairperson: Karen Beckman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
108	Dr. Alan Wynne Cotton O'Neil Clinical Research Center, Diabetes & Endocrinology 3520 SW 6th Avenue Topeka, KS 66606	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
109	Dr. Grazia Aleppo Northwestern University Division of Endocrinology 645 N. Michigan Avenue Suite 530 Chicago, IL 60611	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
110	Dr. William Biggs Amarillo Medical Specialists LLP 1215 South Coulter St. Suite 400 Amarillo, TX 79106	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
111	Dr. James LaRocque Virginia Endocrinology Research, LLC 3205 Churchland Blvd Chesapeake, VA 23321	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
112	Dr. William Litchfield Desert Endocrinology Clinical Research Center 2415 W Horizon Ridge Pkwy Suite 100 Henderson, NV 89052-2649	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
113	Dr. Michael May Vanderbilt University Medical Center 1211 21st Ave S 315 Medical Arts Building Nashville, TN 37212	Vanderbilt University Medical Center ⁽¹⁾ 1313 21st Ave. S Suite 504 Nashville, TN 37232 Chairperson: Harvey Murff
114	Dr. Samer Nakhle Palm Research Center, Inc. 9280 West Sunset Road Suite 306 Las Vegas, NV 89148	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
115	Dr. Adeniyi Odugbesan Physicians Research Associates, LLC 771 Old Norcross Road Suite 200 Lawrenceville, GA 30046	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
116	Dr. Ciro Reyes Reyes Clinical Research, Inc 9600 SW 8 Street Suite 34 & 35 Miami, FL 33174	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
117	Dr. David Trachtenbarg UnityPoint Health-Diabetes Care Center 900 Main Street Suite 100 Peoria, IL 61602	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
118	Dr. Laura Young University of North Carolina, UNC Diabetes Care Center 300 Meadowmont Village Circle Suite 201 Chapel Hill, NC 27517	University of North Carolina, UNC ⁽¹⁾ Diabetes Care Center Office of Human Research Ethics 720 Martin Luther King Jr. Blvd Building #385 Second Floor CB7097 Chapel Hill, NC 27599-7097 Chairperson: David Weber, Kim Boggess, Robert Matthews and Kim Brownley
119	Dr. Edward Busick MassResearch, LLC 42 Weston Street Suite 8 Waltham, MA 02453	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
120	Dr. Peter Mattar Infinity Clinical Research 1901 Town and Country Dr # 104 Norco, CA 92860	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
121	Dr. Frank Mikell Prairie Education and Research Cooperative d/b/a Central IL Diabetes and Clinical Research 1118 Legacy Pointe Springfield, IL 62711	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
122	Dr. Julio Rosenstock Dallas Diabetes Research Center 7777 Forest Lane Suite C-685 Dallas, TX 75230	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
123	Dr. Harold Cathcart KPWHRI / Riverfront Medical Center, RFM 322 W. North River Drive Spokane, WA 99201 Previous: Northside Endocrinology 6120 N. Mayfair Street Spokane, WA 99208	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
124	Dr. Louis Chaykin Meridien Research 8043 Cooper Creek Blvd. Suite 107 Bradenton, FL 34201	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
125	Dr. Cynthia Huffman Meridien Research 5411 Beaumont Center Blvd Suite 760 Tampa, FL 33634	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
126	Dr. Sam Lerman Jellinger and Lerman, MD PA dba The Center For Diabetes & Endo Care 3107 Stirling Road Suite 300 Ft. Lauderdale, FL 33312	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
127	Dr. Philip O'Donnell Selma Medical Associates 104 Selma Drive Winchester, VA 22601-3834	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
128	Dr. Robert Silver Southern New Hampshire Diabetes and Endocrinology 29 Northwest Boulevard Nashua, NH 03063	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
129	Dr. Leonard Zemel Creekside Endocrine Associates, PC 4101 E. Louisiana Ave 2nd floor Denver, CO 80246 Previous: Creekside Endocrine Associates, PC 3865 Cherry Creek Drive North #322 Denver, CO 80209	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
130	Dr. Robert Buynak Buynak Clinical Research, P.C. 55 University Drive Suite 106 Valparaiso, IN 46383	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
131	Dr. Anna Chang John Muir Physician Network Clinical Research Center 2700 Grant St; Suite 202 Concord, CA 94520	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
132	Dr. Kenneth Cohen New West Physicians, PC 1687 Cole Blvd. Suite 155 Golden, CO 80401	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
133	Dr. John Gilbert St. Joseph Heritage Healthcare 100 E. Valencia Mesa Drive Suite 105 Fullerton, CA 92835	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
134	Dr. Robert Hood DiscoverResearch, Inc. 3515 Fannin St. Suite 102 Beaumont, TX 77701	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
135	Dr. David Huffman University Diabetes & Endocrine Consultants 5616 Brainerd Road Chattanooga, TN 37411	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
136	Dr. Lyle Myers Kentucky Diabetes-Endocrinology Center 1760 Nicholasville Road Suite 502 Lexington, KY 40503	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
137	Dr. Michael Reeves Michael L Reeves, MD 725 Glenwood Avenue E688 Chattanooga, TN 37404	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
138	Dr. Stephanie Shaw Texas Diabetes & Endocrinology, P.A. 110 Deer Ridge Drive Round Rock, TX 78681 Previous: Texas Diabetes & Endocrinology, P.A. 170 Deepwood Drive Suite 104 Round Rock, TX 78681	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
139	Dr. Jeffrey Wayne Clinical Trials Research 3750 Auburn Boulevard Suite A Sacramento, CA 95821	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
140	Dr. Stephen Aronoff Research Institute Of Dallas 10260 North Central Expressway Suite 100N Dallas, TX 75231	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
141	Dr. Ronald Chochinov Coastal Metabolic Research Center 3454 Loma Vista Road Ventura, CA 93003	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
142	Dr. David Fitz-Patrick East West Medical Research Institute 1585 Kapiolani Blvd. Suite 1500 Honolulu, HI 96814	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
143	Dr. Eric Klein Capital Clinical Research Center 110 Delphi Road NW, Suite 101 Olympia, WA 98502	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
144	Dr. Wendy Lane Mountain Diabetes & Endocrine Center 1998 Hendersonville Rd. Bldg. 31 Asheville, NC 28803	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
145	Dr. Paul Norwood Valley Research 550 East Herndon Avenue Suite 101 Fresno, CA 93720	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
146	Dr. John Reed Endocrine Research Solutions Inc 1475 Holcomb Bridge Rd. Suite 129 Roswell, GA 30076	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
147	Dr. Joseph Soufer Chase Medical Research LLC 500 Chase Parkway 3rd Floor Waterbury, CT 06708	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
148	Dr. Debra L Weinstein Zasa Clinical Research 8188 Jog Road Suite 204 Boynton Beach, FL 33472	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
149	Dr. Daniel Weiss Your Diabetes Endocrine Nutrition Group, Inc. 8300 Tyler Blvd Suite 102 Mentor, OH 44060	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
150	Dr. Priscilla Hollander Baylor Endocrine Center 3600 Gaston Ave Wadley Tower, #656 Dallas, TX 75246	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
151	Dr. Kapoor Anoop Northport VA Medical Center 79 Middleville Road Northport, NY 11768	Northport VA Medical Center ⁽¹⁾ 79 Middleville Road Station #632 Northport, NY 11768 Chairperson: Lobo Zeena
152	Dr. David Gorson Office of David . Gorson, MD 140 Hospital Drive Suite 301 Bennington, VT 05201	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
153	Dr. Ajaykumar Rao Temple University Hospital 3401 N Broad St ACC 4th Floor, Zone B Philadelphia, PA 19140	Western Institutional Review Board ⁽¹⁾ 1019 39th Avenue SE Puyallup, WA 98374 Chairperson: Erin Brower

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
154	Dr. Mahendra Jain The Methodist Hospital d/b/a HMRI CCAT Pearland 8520 W. Broadway Suite 210 Pearland, TX 77584	Advarra IRB ⁽¹⁾ 6940 Columbia gateway Dr., Suite 110, Columbia, MD 21046 Previous: Chesapeake IRB 6940 Columbia Gateway Drive Suite 110 Columbia, MD 21046 Chairperson: Anita Tarzian, Joy Cavagnaro, Luke Gelinas, mittchell Reddish, Robert Romanchuk, Troy Presit, Jason Rush,
155	Dr. Peter Bressler North Texas Endocrine Center 9301 North Central Expressway Tower 2, Suite 570 Dallas, TX 75231	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
156	Dr. Luis Casaubon Texas Diabetes & Endocrinology, P.a. 6500 N. Mopac Expwy, Bldg. 3 Suite 200 Austin, TX 78731	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
157	Dr. Jack Wahlen Advanced Research Institute 6028 S. Ridgeline Drive Suite 101 Ogden, UT 84405	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
158	Dr. Brian Snyder Southgate Medical Group, LLP 1026 Union Road West Seneca, NY 14224	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
159	Dr. Tira Chaicha-Brom Texas Diabetes & Endocrinology 5000 Davis Lane Suite 200 Austin, TX 78749	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
160	Thomas Knutson St. Vincent Hospital d/b/a/Prevea Health. 1727 Shawano Ave 2nd Floor Green Bay, WI 54303	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
161	Dr. Kathleen Harris Previous last name: Kathleen Weindorff DCOL Center for Clinical Research 707 Hollybrook Drive Suite 501 Longview , TX 75605	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
162	Dr. Elizabeth A. Barranco-Santana Ponce Medical School Foundation Inc. CAIMED Center 280 Monterrey Street Ponce, PR 00716	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
163	Dr. Matthew Gilbert University of Vermont Medical Center 62 Tilley Drive South Burlington, VT 05403w Gilbert	University of Vermont Medical Center ⁽¹⁾ University of Vermont - Reseach Protections Office 213 Waterman Building 80 South Prospect Street South Burlington, VT 05405 Chairperson: David Kaminsky
164	Dr. Dennis Karounos VA Medical Center 1101 Veterans Drive Diabetes Research Group B-402 Lexington, KY 40502	VA Medical Center ⁽²⁾ Veterans Affairs Institutional Review Board 1101 Veterans Drive 151-C Lexington, KY 40502 Chairperson: N/A NTF- name will not be released

Site no.	Investigator name Address	IEC/IRB Name Address Chairperson
165	Dr. Gregory Peterson Progenity Whole Health, Inc. 1701 22nd Street.#207 West Des Moines, IA 50266 Previous:Progenity Whole Health 95 University Avenue Des Moines, IA 50314	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
166	Dr. Kanagaratnam Sivalingam First Valley Medical Group 44725 N. 10th Street West Suite 280 Lancaster, CA 93534	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman
167	Dr. Winston Gandy Ellipsis Group 1150 Lake Hearn Drive NE Suite 500 Atlanta, GA 30342	Sterling Institutional Review Board ⁽¹⁾ 6300 Powers Ferry Road Suite 600-351 Atlanta, GA 30339 Chairperson: Steven Saltzman

The trial protocol and any applicable protocol amendments were submitted as shown below for review, according to local requirements, by an *independent ethics committee (IEC)*, i.e. a review panel responsible for ensuring the protection of the rights, safety, and well-being of human subjects involved in a clinical investigation. The IEC was adequately constituted to provide assurance of that protection according to the requirements of ICH GCP. A list of IEC/IRB members, including name and occupation and/or qualifications, is available in the Trial Master File

ESM Table 2. Baseline characteristics according to a) baseline HbA1c b) meal test actual bolus insulin dose c) BMI and d) age

a)

	Baseline HbA1c			
	<7.0%		≥7.0%	
	Faster aspart (<i>n</i> = 220)	IAsp (<i>n</i> = 256)	Faster aspart (<i>n</i> = 326)	IAsp (<i>n</i> = 289)
Age (years)	63.5 (8.5)	62.5 (8.9)	61.9 (8.7)	61.7 (8.7)
Female, <i>n</i> (%)	97 (44.1)	118 (46.1)	184 (56.4)	138 (47.8)
BMI (kg/m ²)	33.6 (6.1)	32.9 (6.1)	33.3 (6.1)	33.6 (6.9)
Diabetes duration (years)	19.9 (7.0)	20.3 (8.2)	19.1 (7.1)	18.5 (6.8)
HbA1c (%)	6.4 (0.4)	6.5 (0.4)	7.6 (0.5)	7.6 (0.5)

b)

	Meal test actual bolus insulin dose					
	≤10 U		>10 U–≤20 U		>20 U	
	Faster aspart (<i>n</i> = 149)	IAsp (<i>n</i> = 154)	Faster aspart (<i>n</i> = 258)	IAsp (<i>n</i> = 260)	Faster aspart (<i>n</i> = 139)	IAsp (<i>n</i> = 131)
Age (years)	64.2 (8.0)	63.9 (8.8)	62.5 (8.7)	61.3 (8.9)	61.0 (9.0)	61.5 (8.3)
Female, <i>n</i> (%)	87 (58.4)	82 (53.2)	127 (49.2)	123 (47.3)	67 (48.2)	51 (38.9)
BMI, kg/m ²	29.5 (5.0)	29.2 (5.1)	34.0 (5.9)	33.6 (5.7)	36.6 (5.4)	37.3 (6.9)

Diabetes duration (years)	20.2 (7.7)	19.8 (8.9)	19.3 (6.9)	19.1 (6.9)	18.9 (6.5)	19.4 (6.9)
HbA1c (%)	7.2 (0.8)	7.0 (0.7)	7.1 (0.7)	7.1 (0.7)	7.2 (0.8)	7.0 (0.8)

c)

	BMI					
	<30 kg/m ²		≥30–<35 kg/m ²		≥35 kg/m ²	
	Faster aspart (<i>n</i> = 157)	IAsp (<i>n</i> = 187)	Faster aspart (<i>n</i> = 186)	IAsp (<i>n</i> = 181)	Faster aspart (<i>n</i> = 203)	IAsp (<i>n</i> = 177)
Age (years)	63.5 (8.1)	62.2 (9.0)	63.1 (8.8)	62.6 (8.9)	61.4 (8.8)	61.4 (8.4)
Female, <i>n</i> (%)	73 (46.5)	84 (44.9)	91 (48.9)	80 (44.2)	117 (57.6)	92 (52.0)
BMI (kg/m ²)	26.7 (2.3)	26.9 (2.3)	32.3 (1.4)	32.6 (1.4)	39.6 (4.5)	40.6 (5.2)
Diabetes duration (years)	20.0 (8.2)	19.3 (8.0)	19.3 (6.6)	19.7 (7.8)	19.1 (6.4)	19.1 (6.8)
HbA1c (%)	7.2 (0.8)	7.1 (0.7)	7.1 (0.7)	7.0 (0.7)	7.2 (0.8)	7.1 (0.8)

d)

	Age			
	<65 years		≥65 years	
	Faster aspart (<i>n</i> = 301)	IAsp (<i>n</i> = 324)	Faster aspart (<i>n</i> = 245)	IAsp (<i>n</i> = 221)

Age (years)	56.6 (6.2)	56.5 (6.2)	69.9 (4.6)	70.3 (4.4)
Female, <i>n</i> (%)	164 (54.5)	158 (48.8)	117 (47.8)	98 (44.3)
BMI (kg/m ²)	33.7 (6.2)	33.4 (6.6)	33.1 (6.0)	33.0 (6.4)
Diabetes duration (years)	17.4 (5.6)	17.7 (6.2)	21.9 (7.8)	21.8 (8.6)
HbA1c (%)	7.2 (0.8)	7.1 (0.7)	7.1 (0.7)	7.0 (0.7)

Data are mean (standard deviation).

BMI, body mass index; faster aspart, fast-acting insulin aspart; FPG, fasting plasma glucose; HbA1c, glycated haemoglobin; IAsp, insulin aspart; *n*, number of participants.

ESM Table 3. Bolus, basal and total daily insulin dose at Week 1 and Week 16 according to a) baseline HbA1c b) meal test actual bolus insulin dose c) BMI and d) age

a)

	Baseline HbA1c			
	<7.0%		≥7.0%	
	Faster aspart	IAsp	Faster aspart	IAsp
Daily bolus insulin dose, U; U/kg				
Week 1	42.94; 0.44	39.82; 0.42	39.05; 0.42	40.26; 0.42
Week 16	53.49; 0.54	51.04; 0.53	54.82; 0.57	55.44; 0.57
Daily basal insulin dose, U; U/kg				
Week 1	64.47; 0.66	60.24; 0.63	65.32; 0.70	69.16; 0.71
Week 16	61.73; 0.63	58.63; 0.60	65.09; 0.67	65.83; 0.67
Total daily insulin dose, U				
Week 1	107.34	100.50	104.72	109.29
Week 16	115.30	109.60	120.16	121.36

b)

	Meal test actual bolus insulin dose					
	≤10 U		>10 U–≤20 U		>20 U	
	Faster aspart	IAsp	Faster aspart	IAsp	Faster aspart	IAsp
Daily bolus insulin dose, U; U/kg						
Week 1	21.20; 0.26	20.30; 0.26	35.96; 0.38	35.49; 0.38	70.64; 0.68	71.18; 0.67
Week 16	29.20; 0.37	30.06; 0.37	50.04; 0.52	49.76; 0.53	91.76; 0.86	89.46; 0.83
Daily basal insulin dose, U; U/kg						
Week 1	32.25; 0.40	31.80; 0.39	63.17; 0.68	63.65; 0.68	104.80; 1.00	105.72; 0.99
Week 16	30.30; 0.37	30.77; 0.37	62.81; 0.66	61.16; 0.65	104.91; 0.98	103.84; 0.95
Total daily insulin dose, U						
Week 1	53.61	52.19	99.23	99.22	175.34	176.96
Week 16	59.22	60.84	112.95	110.82	196.67	193.75

c)

		BMI					
		<30 kg/m ²		≥30–<35 kg/m ²		≥35 kg/m ²	
		Faster aspart	IAsp	Faster aspart	IAsp	Faster aspart	IAsp
Daily bolus insulin dose, U; U/kg							
Week 1		28.48; 0.38	30.10; 0.39	38.94; 0.42	40.04; 0.43	51.76; 0.46	50.24; 0.44
Week 16		37.50; 0.50	40.10; 0.51	51.47; 0.55	54.48; 0.58	69.66; 0.62	66.21; 0.57
Daily basal insulin dose, U; U/kg							
Week 1		41.24; 0.55	44.49; 0.57	67.58; 0.73	69.22; 0.75	81.10; 0.74	81.76; 0.71
Week 16		39.39; 0.52	42.91; 0.54	64.99; 0.70	65.49; 0.70	81.26; 0.72	79.82; 0.69
Total daily insulin dose, U							
Week 1		70.02	74.44	106.43	109.68	133.07	132.06
Week 16		76.97	83.01	116.36	120.07	151.22	146.34

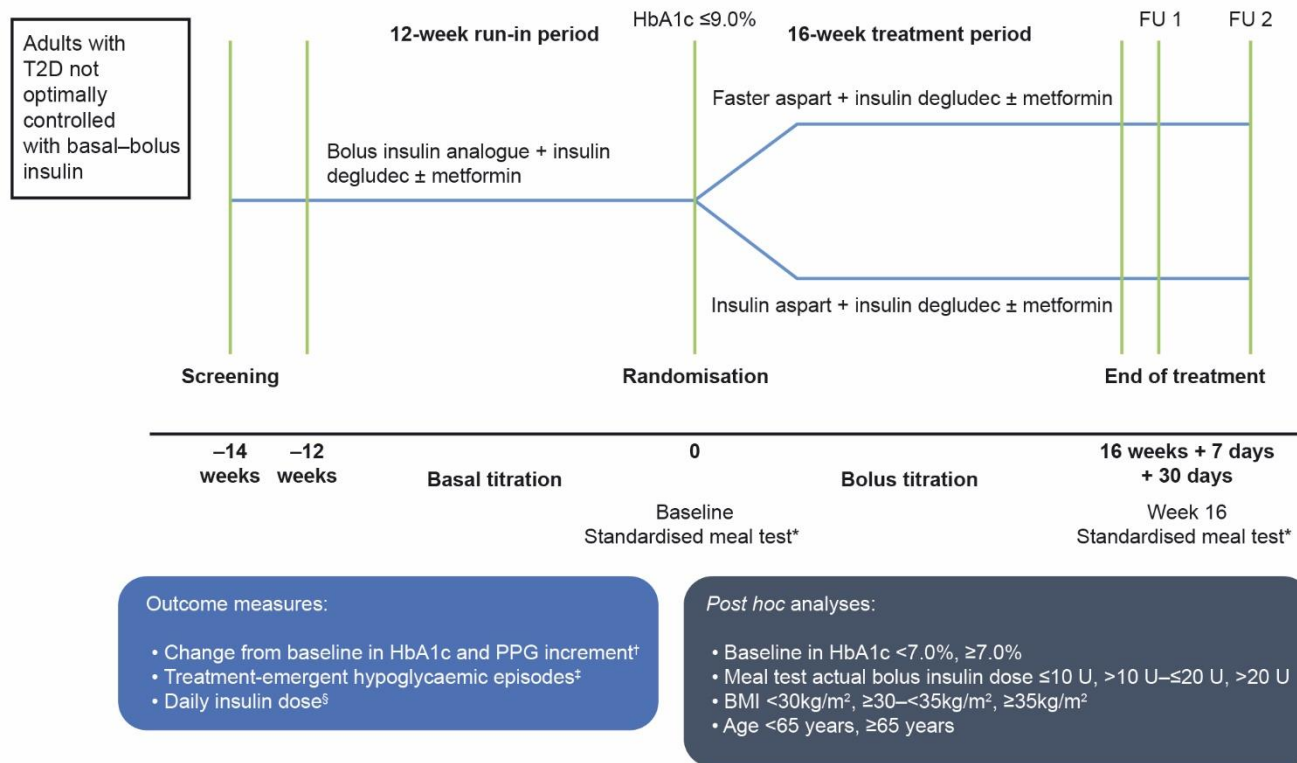
d)

		Age			
		<65 years		≥65 years	
		Faster aspart	IAsp	Faster aspart	IAsp
Daily bolus insulin dose, U; U/kg					
Week 1		40.30; 0.42	40.64; 0.42	41.04; 0.44	39.20; 0.42
Week 16		57.01; 0.58	55.70; 0.57	50.87; 0.54	50.07; 0.54
Daily basal insulin dose, U; U/kg					

Week 1	68.20; 0.71	68.17; 0.70	61.13; 0.65	60.14; 0.64
Week 16	67.96; 0.69	67.23; 0.67	58.48; 0.61	55.53; 0.59
Total daily insulin dose, U				
Week 1	108.56	109.09	102.46	99.39
Week 16	125.17	123.09	109.43	105.45

BMI, body mass index; faster aspart, fast-acting insulin aspart; HbA1c, glycated haemoglobin; IAsp, insulin aspart; U, units; U/kg, units per kilogram; kg/m², kilograms per height in metres squared.

ESM Fig. 1. Onset 9 study design



*Bolus insulin dose for the standardised meal test was calculated using the '500 rule'.

†Analysed using an analysis of covariance model after multiple imputation (the models included treatment, region, and metformin use at baseline [yes/no] as factors and corresponding baseline value as a covariate, and an interaction between treatment and subgroup).

‡Analysed using a negative binomial regression model with a log-link function (model included treatment, region, and metformin use at baseline [yes/no] as factors and the interaction between treatment and subgroup). Severe hypoglycaemia was defined according to the ADA classification [28] and BG-confirmed hypoglycaemia was defined by a plasma glucose value <56 mg/dL.

§Analysed using an MMRM with treatment, region, metformin use at baseline and subgroup as factors, logarithm of baseline as covariate and the interaction between treatment and subgroup.

BMI, body mass index; faster aspart, fast-acting insulin aspart; FU, follow-up; HbA1c, glycated haemoglobin; IAsp, insulin aspart; MMRM, mixed model for repeated measures; PPG, postprandial glucose; T2D, type 2 diabetes; U, units.