

**SUDOSCAN - Articles published in peer-reviewed journals Dec 2022**

1. Zhao Y, Bao JJ, Ye LF, Zhou L. **Consistency Analysis Between SUDOSCAN Examinations and Electromyography Results in Patients with Diabetes.** Diabetes Metab Syndr Obes. 2022 Nov 1;15:3397-3402.
2. Campagnolo M, Cacciavillani M, Cipriani A, Salvalaggio A, Castellani F, Pilichou K, Briani C. **Peripheral nerve involvement in wild-type transthyretin amyloidosis.** Neurol Sci. 2022 Oct 19.
3. Gavan DE, Gavan A, Bondor CI, Florea B, Bowling FL, Inceu GV, Colobatiu L. **SUDOSCAN, an Innovative, Simple and Non-Invasive Medical Device for Assessing Sudomotor Function.** Sensors (Basel). 2022 Oct 6;22(19):7571.
4. Hinduja A et al. **Improvement in small fiber neuropathy after a gluten-free diet, demonstrated in a patient with celiac disease by measurement of electrochemical skin conductance.** Neurophysiol Clin. 2022 Oct 6:S0987-7053(22)00084-3.
5. Mahfouz FM, Park SB, Li T, Timmins HC, Horvath LG, Harrison M, Grimison P, King T, Goldstein D, Mizrahi D. **Association of electrochemical skin conductance with neuropathy in chemotherapy-treated patients.** Clin Auton Res. 2022 Sep 21.
6. Galosi E, Leonardi L, Falco P, Di Pietro G, Fasolino A, Esposito N, Leone C, Di Stefano G, Inghilleri M, Luigetti M, Giovanni A, Truini A. **Functional and morphometric assessment of small-fibre damage in late-onset hereditary transthyretin amyloidosis with polyneuropathy: the controversial relation between small-fibre-related symptoms and diagnostic test findings.** Amyloid. 2022 Sep 12:1-8.
7. Romano A, Guglielmino V, Di Paolantonio A, Bisogni G, Sabatelli M, Della Marca G, Minnella AM, Maceroni M, Bellavia S, Scala I, Sabatelli E, Rollo E, Luigetti M. **Pupillometric findings in ATTRv patients and carriers: results from a single-centre experience.** Amyloid. 2022 Sep 6:1-6.
8. Georges C, Lloret-Perez S, Ory-Magne F, Fabbri M, Foubert-Samier A, Meissner WG, Rascol O, Pavie-Le Traon A. **Alterations in electrochemical skin conductance as a marker of autonomic dysfunction in multiple system atrophy. Parkinsonism Relat Disord.** 2022 Aug 28;103:56-59.
9. Kirthi V, Reed KI, Alattar K, Zuckerman BP, Bunce C, Nderitu P, Alam U, Clarke B, Hau S, Al-Shibani F, Petropoulos IN, Malik RA, Pissas T, Bergeles C, Vas P, Hopkins D, Jackson TL. **Multimodal testing reveals subclinical neurovascular dysfunction in prediabetes, challenging the diagnostic threshold of diabetes.** Diabet Med. 2022 Aug 30 :e14952
10. Hocquel A, Ravel JM, Lambert L, Bonnet C, Banneau G, Kol B, Tissier L, Hopes L, Meyer M, Dillier C, Michaud M, Lardin A, Kaminsky AL, Schmitt E, Liao L, Zhu F, Myriam B, Bossenmeyer-Pourié C, Verger A, Renaud M. **Reduced penetrance of an eastern French mutation in ATL1 autosomal-dominant inheritance (SPG3A): extended phenotypic spectrum coupled with brain <sup>18</sup>F-FDG PET.** Neurogenetics. 2022 Jul 5. doi: 10.1007/s10048-022-00695-4.
11. Frachet S, Danigo A, Labriffe M, Bessaguet F, Quinchard B, Deny N, Baffert KA, Deluche E, Sturtz F, Demiot C, Magy Renin-Angiotensin-System Inhibitors for the Prevention of Chemotherapy-Induced Peripheral Neuropathy: OncoToxSRA, a Preliminary Cohort Study. J Clin Med. 2022 May 23;11(10):2939.
12. Oh TJ, Song H, Koh Y, Choi SH. **The Presence of Clonal Hematopoiesis Is Negatively Associated with Diabetic Peripheral Neuropathy in Type 2 Diabetes.** Endocrinol Metab (Seoul). 2022 Apr;37(2):243-248
13. Casellini CM, Parson HK, Bailey MD, Dyson T, Van Voorhees AS, Vinik AI, Siraj ES. **Cardiac and Sudomotor Autonomic Function in Subjects with Psoriasis With and Without Metabolic Syndrome.** Metab Syndr Relat Disord. 2022 May;20(4):234-242.
14. De Rojas Leal C, Lage-Sánchez JM, Pinel-Ríos J, León Plaza O, Hamad-Cueto O, Dawid de Vera MT, Dawid-Milner MS. **Paraneoplastic autoimmune ganglionopathy as the first symptom of bladder cancer: a case report and review of literature.** Neurol Sci. 2022 Aug;43(8):4841-4845.
15. Novak P. **Qpack-a Python package for QASAT-quantitative scale for grading cerebral blood flow, autonomic testing, and skin biopsies.** Neurol Sci. 2022 Aug;43(8):4821-4828.
16. Khan A, Pasquier J, Ramachandran V, Ponirakis G, Petropoulos IN, Chidiac O, Thomas B, Robay A, Jayyousi A, Al Suwaide J, Rafii A, Menzies RA, Talal TK, Najafi-Shoushtari SH, Abi Khalil C, Malik RA. **Altered Circulating microRNAs in Patients with Diabetic Neuropathy and Corneal Nerve Loss: A Pilot Study.** J Clin Med. 2022 Mar 16;11(6):1632.
17. Gateva A, Kamenov Z. **Cardiac Autonomic Neuropathy in Patients with Newly Diagnosed Carbohydrate Disturbances.** Horm Metab Res. 2022 May;54(5):308-315
18. Lin K, Wu Y, Liu S, Huang J, Chen G, Zeng Q. **The application of sudoscan for screening microvascular complications in patients with type 2 diabetes.** PeerJ. 2022 Mar 14;10:e13089.

19. Liu WS, Hua LY, Zhu SX, Xu F, Wang XQ, Lu CF, Su JB, Qi F. **Association of serum stromal cell-derived factor 1 levels with EZSCAN score and its derived indicators in patients with type 2 diabetes.** Endocr Connect. 2022 Apr 26;11(4):
20. Luigetti M, Di Paolantonio A, Guglielmino V, Romano A, Rossi S, Sabino A, Servidei S, Sabatelli M, Primiano G. **Neurofilament light chain as a disease severity biomarker in ATTRv: data from a single-centre experience.** Neurol Sci. 2022 Apr;43(4):2845-2848.
21. Bellavia S, Scala I, Luigetti M, Brunetti V, Gabrielli M, Zileri Dal Verme L, Servidei S, Calabresi P, Frisullo G, Della Marca G. **Instrumental Evaluation of COVID-19 Related Dysautonomia in Non-Critically-III Patients: An Observational, Cross-Sectional Study.** J Clin Med. 2021 Dec 14;10(24):5861.
22. F. Bailly. « **The challenge of differentiating fibromyalgia from small-fiber neuropathy in clinical practice.** » Joint Bone Spine. 2021 Dec ;88(6):105232
23. G. Primiano, T. Verdolotti, G. D'Apolito, A. Di Paolantonio, V. Guglielmino, A. Romano, G. Lucioli, M. Luigetti, S. Servidei « **Muscle MRI as a Useful Biomarker in Hereditary Transthyretin Amyloidosis: A Pilot Study** ». Genes (Basel). 2021 Nov 11;12(11):1786
24. P. Zis, F. Shafique, PG. Sarrigiannis, A. Artemiadis, DG. Rao, DS. Sanders, M. Hadjivassiliou. « **Sudomotor dysfunction in patients with gluten neuropathy** » Neurol Sci. 2021 Nov .
25. YJ. Sheen, WH. Sheu, HC. Wang, JP. Chen, YH. Sun, HM. Chen « **Assessment of diabetic small-fiber neuropathy by using short-wave infrared hyperspectral imaging** ». J Biophotonics. 2021 Nov.
26. ZQ. Feng, QY. Guo, W. Wang, YY. Yuan, XG. Jin, H. Zhou, J. Liu, HY. Lei, XY. Yang, J. Liu, B. Lu, JQ. Shao, P. Gu. « **Time in range, especially overnight time in range, is associated with sudomotor dysfunction in patients with type 1 diabetes** ». Diabetol Metab Syndr. 2021 Oct.
27. Y. Zhao, L. Huang, X. Zhou, J. Liu, J. Yu. « **The early diagnostic value of ankle-brachial index combined with feet electrochemical skin conductance for peripheral artery disease in type 2 diabetes** ». J Diabetes Investig. 2021 Oct
28. TJ. Oh, Y. Song, HC. Jang, SH. Choi. « **SUDOSCAN in Combination with the Michigan Neuropathy Screening Instrument Is an Effective Tool for Screening Diabetic Peripheral Neuropathy.** » Diabetes Metab J. 2021 Sep
29. L. Goudman, N. Vets, J. Jansen, A. De Smedt, M. Billot, P. Rigaud, A. Cordenier, S. Engelborghs, A. Scafoglieri, M. Moens. « **Electrochemical Skin Conductance Alterations during Spinal Cord Stimulation: An Experimental Study.**» J Clin Med. 2021 Aug ;10(16) :3565
30. C. Rocchi, R. Cerroni, M. Conti, B. Lauretti, NB. Mercuri, A. Stefani, M. Pierantozzi. «**Sudomotor and cardiovascular autonomic function in de novo Parkinson's disease assessed by sudoscan and cardiovascular reflexes.** » J Neurol Sci. 2021 Aug ;427:117502
31. P. Reach, I. Lazareth, F. Coudore, A. Stansal, R. Attal, U. Michon-Pasturel, P. Ghaffari, A. Yannoutsos, H. Beaussier, E. Sacco et al. « **A reappraisal of the presence of small or large fiber neuropathy in patients with erythromelalgia.** » Neurophysiol Clin. 2021 Aug;51(4):349-355.
32. PM. Ferraro, V. D'Ambrosio, A. Di Paolantonio, V. Guglielmino, P. Calabresi, M. Sabatelli, M. Luigetti. « **Renal Involvement in Hereditary Transthyretin Amyloidosis: An Italian Single-Centre Experience** » Brain Sci. 2021 Jul ;11(8):980
33. M. Oliveira Santos, I. Castro, J. Castro, M. Gromicho, M. de Carvalho. « **Assessment of sympathetic sudomotor function in amyotrophic lateral sclerosis with electrochemical skin conductance** » Clin Neurophysiol. 2021 Sep;(9):2032-2036.
34. S. Deshayes, R. Bourguiba, JP. Haymann, L. Savey, A. Aouba, D. Buob, JJ. Boffa, G. Grateau, S. Georghi-Lavialle. « **Abnormal electrochemical skin conductance values in patients with AA amyloidosis.**» Amyloid 2021, 40(8):3381-3382.
35. JA. Trevino, P. Novak «**TS-HDS and FGFR3 antibodies in small fiber neuropathy and Dysautonomia**». Muscle Nerve. 2021 Apr .

36. M. Kharoubi, F. Roche, M. Bézard, D. Hupin, S. Silva, S. Oghina, C. Chalard, A. Zaroui, A. Galat, S. Guendouz, F. Canoui-Poitrine, L. Hittinger, E. Teiger, JP. Lefaucheur, T. Damy. «**Prevalence and prognostic value of autonomic neuropathy assessed by Sudoscan in transthyretin wild-type cardiac amyloidosis** ». ESC Heart Fail. 2021 Apr;8(2):1656-1665.
37. G. Ponirakis, MA. Abdul-Ghani, A. Jayyousi et al, «**Painful diabetic neuropathy is associated with increased nerve regeneration in patients with type 2 diabetes undergoing intensive glycemic control.** » Diabetes Investig. 2021 Mar 13.
38. A. Hinduja, A. Moutairou, JH. Calvet. «**Sudomotor dysfunction in patients recovered from COVID-19.** » Neurophysiol Clin. 2021 Mar;51(2):193-196.
39. BS. Gagaouzova, M. Datema, RD Thijs, MR Tannemaat, SR Steenmeijer, IC Notting, JG van Dijk. «**Can novel non-invasive autonomic tests help discriminate between pure autonomic failure and multiple system atrophy?** » Auton Neurosci. 2021 Mar;231:
40. CC. Zwack, R. McDonald, A. Tursunalieva, A Cooray, GW Lambert, E A Lambert. «**Does autonomic nervous system dysfunction influence cardiovascular disease risk in young adults with intellectual disability?** ». Am J Physiol Heart Circ Physiol. 2021 Feb 1;320(2):H891-H900.
41. YR. Lai, CC. Huang, BC. Cheng, NW. Tsai, WC. Chiu, HW. Chang, JF. Chen, CH. Lu. «**Feasibility of combining heart rate variability and electrochemical skin conductance as screening and severity evaluation of cardiovascular autonomic neuropathy in type 2 diabetes** ». J Diabetes Investig. 2021 Jan 31.
42. T. Didangelos, E. Karlafti, E. Kotzakioulafi, E. Margariti, P. Giannoulaki, G. Batanis, S. Tesfaye, K. Kantartzis. «**Vitamin B12 Supplementation in Diabetic Neuropathy: A 1-Year, Randomized, Double-Blind, Placebo-Controlled Trial.** » Nutrients. 2021 Jan 27;13(2):395.
43. A. Silvani. «**Autonomic nervous system dysfunction in narcolepsy type 1: time to move forward to the next level?** » Clin Auton Res. 2020 Dec;30(6):501-502.
44. AM. Wegeberg, ED. Lunde, S. Riahi, N. Ejksjaer, AM. Drewes, B. Brock, R. Pop-Busui, C. Brock. «**Cardiac vagal tone as a novel screening tool to recognize asymptomatic cardiovascular autonomic neuropathy: Aspects of utility in type 1 diabetes** ». Diabetes Res Clin Pract. 2020 Dec;170:108517
45. II. Hussein, SHA. Alshammary, MSM. Al-Nimer. «**Assessment of sudomotor function in hypertensive with/without type-2 diabetes patients using SUDOSCAN: An electrophysiological study** ». Clin Neurophysiol Pract. 2020 Dec 13;6:22-28
46. DLC. Veloso, RCG. Nascimento, EB. Leite, L. de Avila Santana, AA. Amato. «**Predictors of sudomotor dysfunction in patients with type 1 diabetes without clinical evidence of peripheral neuropathy** ». Diabetes Res Clin Pract. 2020 Dec;170:108500.
47. QY. Guo, B. Lu, ZH. Guo, ZQ. Feng, YY. Yuan, XG. Jin, P. Zang, P. Gu, JQ. Shao. «**Continuous glucose monitoring defined time-in-range is associated with sudomotor dysfunction in type 2 diabetes** ». World J Diabetes. 2020 Nov 15;11(11):489-500.
48. ES. Tharwa, A. Mohamed, H. Elshazly, M. Salama, MI. Youssef, MS. Bakeer, SY. Kamel, SM. Abdelmageed et al. «**Sudomotor Changes in Hepatitis C Virus Infection with or without Diabetes Mellitus: A Pilot Study in Egyptian Patients** ». Am J Trop Med Hyg. 2020 Nov 23;104(2):580-4.
49. F. Izzi et al., «**Autonomic functions in focal epilepsy: A comparison between lacosamide and carbamazepine monotherapy** », J. Neurol. Sci., vol. 418, p. 117095, nov. 2020
50. CC. Huang, YR. Lai, CY. Lien, BC. Cheng, NW. Tsai, CH Lu. «**The Role of Electrochemical Skin Conductance as a Screening Test of Cardiovascular Autonomic Neuropathy in Patients with Parkinson's Disease** ». Int J Environ Res Public Health. 2020 Oct 23;17(21):7751.
51. MMB. Christensen, EE. Hommel, ME. Jørgensen, J. Fleischer, CS. Hansen. «**Glycemic Variability and Diabetic Neuropathy in Young Adults With Type 1 Diabetes** ». Front Endocrinol (Lausanne). 2020 Sep 23;11:644.

52. Luigetti M, Giovannini S, Romano A, Bisogni G, Barbato F, Di Paolantonio A, Servidei S, Granata G, Sabatelli M. « **Small Fibre Involvement in Multifocal Motor Neuropathy Explored with Sudoscan: A Single-Centre Experience** ». *Diagnostics (Basel)*. 2020 Sep 26;10(10):755.
53. C. Rocchi *et al.*, « **Autonomic symptoms, cardiovascular and sudomotor evaluation in de novo type 1 narcolepsy** », *Clin. Auton. Res.*, août 2020
54. A. Syngle, S. Chahal, et K. Vohra, « **Efficacy and tolerability of DPP4 inhibitor, teneligliptin, on autonomic and peripheral neuropathy in type 2 diabetes: an open label, pilot study** », *Neurol. Sci.*, août 2020
55. A. Montcuquet, M. Duchesne, O. Roussellet, A. Jaccard, et L. Magy, « **Electrochemical skin conductance values suggest frequent subclinical autonomic involvement in patients with AL amyloidosis** », *Amyloid*, vol. 27, n° 3, p. 215-216, juill. 2020
56. R. Del Pino *et al.*, « **Autonomic dysfunction is associated with neuropsychological impairment in Lewy body disease** », *J. Neurol.*, vol. 267, n° 7, p. 1941-1951, juill. 2020,
57. E. Fortanier, E. Delmont, A. Verschueren, et S. Attarian, « **Quantitative sudomotor test helps differentiate transthyretin familial amyloid polyneuropathy from chronic inflammatory demyelinating polyneuropathy** », *Clin. Neurophysiol.*, vol. 131, n° 5, p. 1129-1133, mai 2020
58. V. Fabry *et al.*, « **Which Method for Diagnosing Small Fiber Neuropathy?** », *Front. Neurol.*, vol. 11, p. 342, mai 2020
59. M. G. Porubcin et P. Novak, « **Diagnostic Accuracy of Electrochemical Skin Conductance in the Detection of Sudomotor Fiber Loss** », *Front. Neurol.*, vol. 11, p. 273, avr. 2020
60. C. Popescu, « **Is sudoscan a reliable tool in detecting small fiber neuropathy in Parkinson's disease patients?** », *Neurodegener. Dis. Manag.*, vol. 10, n° 2, p. 81-93, avr. 2020
61. G. Pickering *et al.*, « **Electrochemical Skin Conductance and Quantitative Sensory Testing on Fibromyalgia** », *Pain Pract.*, vol. 20, n° 4, p. 348-356, avr. 2020
62. C. D'Amato *et al.*, « **The diagnostic usefulness of the combined COMPASS 31 questionnaire and electrochemical skin conductance for diabetic cardiovascular autonomic neuropathy and diabetic polyneuropathy** », *J. Peripher. Nerv. Syst.*, vol. 25, n° 1, p. 44-53, mars 2020
63. T. Gatev *et al.*, « **The role of Sudoscan feet asymmetry in the diabetic foot** », *Prim. Care Diabetes*, vol. 14, n° 1, p. 47-52, févr. 2020
64. Y. Li *et al.*, « **The Association Between Phosphorylated Neurofilament Heavy Chain (pNF-H) and Small Fiber Neuropathy (SFN) in Patients with Impaired Glucose Tolerance** », *Diabetes Ther.*, vol. 11, n° 1, p. 71-81, janv. 2020
65. C. Popescu, « **Monozygotic Twins Discordant for Kennedy Disease: A Case Report** », *J. Clin. Neuromuscul. Dis.*, vol. 21, no 2, p. 112-116, déc. 2019
66. A. Carbajal-Ramírez, J. A. Hernández-Domínguez, M. A. Molina-Ayala, M. M. Rojas-Uribe, et A. Chávez-Negrete, « **Early identification of peripheral neuropathy based on sudomotor dysfunction in Mexican patients with type 2 diabetes** », *BMC Neurol.*, vol. 19, n° 1, p. 109, déc. 2019
67. M.-L. Névoret, « **Electrochemical skin conductance is sensitive and has clinical utility in patients with untreated or poorly controlled diabetes** », *Biomed. Eng. Lett.*, vol. 9, n° 4, p. 507-508, nov. 2019,
68. G. Pickering *et al.*, « **Electrochemical skin conductance and Quantitative Sensory Testing on Fibromyalgia** », *Pain Pract. Off. J. World Inst. Pain*, nov. 2019.
69. L. Ji *et al.*, « **Self-Reported Depressive Symptoms Might be Associated with Sudomotor Dysfunction in Chinese T2DM Patients** », *Exp. Clin. Endocrinol. Diabetes*, p. a-1025-3724, nov. 2019

70. C. S. Yajnik et al. **A physiological dose of oral vitamin B-12 improves hematological, biochemical-metabolic indices and peripheral nerve function in B-12 deficient Indian adolescent women**. PloS One, vol. 14, no 10, p. e0223000, oct. 2019.
71. Y.-P. Li et al. **The Association Between Phosphorylated Neurofilament Heavy Chain (pNF-H) and Small Fiber Neuropathy (SFN) in Patients with Impaired Glucose Tolerance**. Diabetes Ther. Res. Treat. Educ. Diabetes Relat. Disord., oct. 2019.
72. C. Popescu, « **Small fiber neuropathy in Parkinson's disease explored by the sudoscan** », Parkinsonism Relat. Disord., vol. 66, p. 261-263, sept. 2019.
73. X. Xu et W. Qiu, « **Comment on "Small Fiber Neuropathy in Parkinson's disease explored by the sudoscan"** », Parkinsonism Relat. Disord., vol. 66, p. 264, sept. 2019.
74. A.-P. Trouvin et S. Perrot. **Functional and histological improvements of small nerve neuropathy after high-concentration capsaicin patch application**. A case study », Pain Rep., vol. 4, no 4, p. e761, août 2019.
75. Z. Affes et al. **High prevalence of altered sudomotor function in homozygous sickle cell patients : influence of age and anaemia** . Br. J. Haematol., vol. 186, no 3, p. e50-e52, août 2019.
76. M. Carmona-Abellán et al. **Small fiber neuropathy and phosphorylated alpha-synuclein in the skin of E46K-SNCA mutation carriers**. Parkinsonism Relat. Disord., vol. 65, p. 139-145, août 2019.
77. Névoret, ML. **Electrochemical skin conductance is sensitive and has clinical utility in patients with untreated or poorly controlled diabetes** Biomed. Eng. Lett. Aug.2019.
78. X. Xu et al. **Clinical utility of SUDOSCAN in predicting autonomic neuropathy in patients with Parkinson's disease**. Parkinsonism Relat. Disord., vol. 64, p. 60-65, juill. 2019.
79. B.-L. Cao et al., « **The Relationship Between β-cell Function Indices and Sudomotor Function in Chinese Patients with Type 2 Diabetes** », Exp. Clin. Endocrinol. Diabetes Off. J. Ger. Soc. Endocrinol. Ger. Diabetes Assoc., juill. 2019.
80. F. Mao et al., « **Age as an Independent Risk Factor for Diabetic Peripheral Neuropathy in Chinese Patients with Type 2 Diabetes** », Aging Dis., vol. 10, no 3, p. 592-600, juin 2019.
81. S. Kim et al., « **Variability of electrochemical skin conductance for screening diabetes mellitus** », Biomed. Eng. Lett., vol. 9, no 2, p. 267-274, mai 2019.
82. T. Gatev et al., « **The role of Sudoscan feet asymmetry in the diabetic foot** », Prim. Care Diabetes, mai 2019.
83. M. Zhao et al., « **Role of the physical fitness test in risk prediction of diabetes among municipal in-service personnel in Guangxi** », Medicine (Baltimore), vol. 98, no 22, p. e15842, mai 2019.
84. A. I. Vinik, C. M. Casellini, et H. K. Parson, « **Electrochemical skin conductance to measure sudomotor function: the importance of not misinterpreting the evidence** », Clin. Auton. Res. Off. J. Clin. Auton. Res. Soc., vol. 29, no 1, p. 13-15, 2019.
85. S. Rajan, M. Campagnolo, B. Callaghan, et C. H. Gibbons, « **Sudomotor function testing by electrochemical skin conductance : does it really measure sudomotor function?** », Clin. Auton. Res. Off. J. Clin. Auton. Res. Soc., vol. 29, no 1, p. 31-39, 2019.
86. A. Yan et al., « **Relationship between corneal confocal microscopy and markers of peripheral nerve structure and function in Type 2 diabetes** », Diabet. Med. J. Br. Diabet. Assoc., mars 2019.
87. Falcão de Campos C, Viana P, de Castro I, Castro J, de Carvalho M, Conceição I. **Non-invasive evaluation of sudomotor function in patients with myasthenia gravis**. Neurophysiol Clin. 2019 Feb;49(1):81–6.
88. Zouari HG, Wahab A, Tin SNW, Sène D, Lefaucheur J-P. **The Clinical Features of Painful Small-Fiber Neuropathy Suggesting an Origin Linked to Primary Sjögren's Syndrome**. Pain Pract. 2019 Jan 12;

89. Luigetti M, Bisogni G, Romano A, Di Paolantonio A, Barbato F, Primicerio G, et al. **Sudoscan in the evaluation and follow-up of patients and carriers with TTR mutations : experience from an Italian Centre.** Amyloid. 2018 Dec;25(4):242–6.
90. Castro J, Costa J, de Castro I, Conceição I. **Electrochemical skin conductance in hereditary amyloidosis related to transthyretin V30M - a promising tool to assess treatment efficacy?** Amyloid. 2018 Dec;25(4):267–8.
91. Christensen MMB, Hommel EE, Jørgensen ME, von Scholten BJ, Fleischer J, Hansen CS. **Prevalence of Diabetic Neuropathy in Young Adults with Type 1 Diabetes and the Association with Insulin Pump Therapy.** Diabetes Technol Ther. 2018 Nov 21;
92. Yuan T, Li J, Fu Y, Xu T, Li J, Wang X, et al. **A cardiac risk score based on sudomotor function to evaluate cardiovascular autonomic neuropathy in asymptomatic Chinese patients with diabetes mellitus.** PLoS One. 2018 Oct 3;13(10).
93. Krieger S-M, Reimann M, Haase R, Henkel E, Hanefeld M, Ziemssen T. **Sudomotor Testing of Diabetes Polyneuropathy.** Front Neurol. 2018 Sep 26 ;9.
94. Ng Wing Tin S, Zouari HG, Wahab A, Sène D, Lefaucheur J-P. **Characterization of Neuropathic Pain in Primary Sjögren's Syndrome with Respect to Neurophysiological Evidence of Small-Fiber Neuropathy.** Pain Med. 2018 Sep 20 ;
95. Camoin M, Delyfer MN, Korobelnik JF, Mohammedi K, Blanco L, Foussard N, Poupon P, Monlun M, Haissaguerre M, Rigalleau V. **Comments on Pongrac Barlovic D. The Association of Severe Diabetic Retinopathy With Cardiovascular Outcomes in Long-standing Type 1 Diabetes: A Longitudinal Follow-up.** Diabetes Care. 2018;41(12):2487–94. Diabetes Care. 2019 Mar;42(3):e48. doi: 10.2337.
96. Delmotte J-B, Tutakhail A, Abdallah K, Reach P, D'Ussel M, Deplanque G, et al. **Electrochemical Skin Conductance as a Marker of Painful Oxaliplatin-Induced Peripheral Neuropathy.** Neurol Res Int. 2018;2018:1254602.
97. Gandecka A, Araszkiewicz A, Piaciński S, Wierusz-Wysocka B, Zozulińska-Ziółkiewicz D. **The relationship between sudomotor function and skin microvascular reactivity in individuals with type 1 diabetes of long duration.** Microvascular Research. 2018 Nov;120:84–9.
98. Al-Qassabi A, Pelletier A, Fereshtehnejad S-M, Postuma RB. **Autonomic Sweat Responses in REM Sleep Behavior Disorder and Parkinsonism.** Journal of Parkinson's Disease. 2018 Aug 14;8(3):463–8.
99. Zouari HG, Ng Wing Tin S, Wahab A, Damy T, Lefaucheur J-P. **Assessment of autonomic innervation of the foot in familial amyloid polyneuropathy.** European Journal of Neurology. 2018 Aug 13; Available from: <http://doi.wiley.com/10.1111/ene.13774>
100. Luigetti M, Primiano G, Cuccagna C, Bernardo D, Sauchelli D, Vollono C, et al. **Small fibre neuropathy in mitochondrial diseases explored with sudoscan.** Clinical Neurophysiology. 2018 Aug;129(8):1618–23.
101. Lefaucheur J-P, Zouari HG, Gorram F, Nordine T, Damy T, Planté-Bordeneuve V. **The value of electrochemical skin conductance measurement using Sudoscan® in the assessment of patients with familial amyloid polyneuropathy.** Clinical Neurophysiology. 2018 Aug;129(8):1565–9.
102. Binns-Hall O, Selvarajah D, Sanger D, Walker J, Scott A, Tesfaye S. **One-stop microvascular screening service: an effective model for the early detection of diabetic peripheral neuropathy and the high-risk foot.** Diabet Med. 2018 Jul;35(7):887–94.
103. Lim LL, Fu AWC, Lau ESH, Ozaki R, Cheung KKT, Ma RCW, et al. **Sudomotor dysfunction independently predicts incident cardiovascular–renal events and all-cause death in type 2 diabetes: the Joint Asia Diabetes Evaluation register.** Nephrology Dialysis Transplantation. 2018 Jun 22; Available from: <https://academic.oup.com/ndt/advance-article/doi/10.1093/ndt/gfy154/5043139>
104. Shivaprasad C, Amit G, Anish K, Rakesh B, Anupam B, Aiswarya Y. **Clinical correlates of sudomotor dysfunction in patients with type 2 diabetes and peripheral neuropathy.** Diabetes Res Clin Pract. 2018 May;139:188–94.

105. Cabré JJ, Mur T, Costa B, Barrio F, López-Moya C, Sagarra R, et al. **Feasibility and effectiveness of electrochemical dermal conductance measurement for the screening of diabetic neuropathy in primary care.** DECODING Study (Dermal Electrochemical Conductance in Diabetic Neuropathy). Rationale and design. *Medicine (Baltimore)*. 2018 May;97(20):e10750.
106. Duchesne M, Richard L, Vallat J-M, Magy L. **Assessing sudomotor impairment in patients with peripheral neuropathy: Comparison between electrochemical skin conductance and skin biopsy.** *Clin Neurophysiol*. 2018 Apr 27;129(7):1341–8.
107. Pavy-LeTraon A, Brefel-Courbon C, Dupouy J, Ory-Magne F, Rascol O, Senard J-M. **Combined cardiovascular and sweating autonomic testing to differentiate multiple system atrophy from Parkinson's disease.** *Neurophysiol Clin*. 2018 Apr;48(2):103–10.
108. Mao F, Zhu X, Lu B, Li Y. **Detection of relationships between SUDOSCAN with estimated glomerular filtration rate (eGFR) in Chinese patients with type 2 diabetes.** *Diabetes Res Clin Pract*. 2018 Apr;138:113–8.
109. Callaghan BC, Xia R, Reynolds E, Banerjee M, Burant C, Rothberg A, et al. **Better diagnostic accuracy of neuropathy in obesity: A new challenge for neurologists.** *Clin Neurophysiol*. 2018 Mar;129(3):654–62.
110. Khan A, Petropoulos IN, Ponirakis G, Menzies RA, Chidiac O, Pasquier J, et al. **Corneal confocal microscopy detects severe small fiber neuropathy in diabetic patients with Charcot neuroarthropathy.** *J Diabetes Investig*. 2018 Jan 30;
111. Poupon P, Monlun M, Alexandre L, Blanco L, Rigalleau V. **Sudomotor function in diabetic peripheral artery disease: a role for diabetic neuropathy?** *Neurol Sci*. 2018 Jan;39(1):191–2.
112. Shivaraprasad C, Goel A, Vilier A, Calvet J-H. **Normative Values for Electrochemical Skin Conductance Measurements for Quantitative Assessment of Sudomotor Function in Healthy Indian Adults.** *Indian J Endocrinol Metab*. 2018;22(1):57–61.
113. Mao F, Zhu X, Lu B, Li Y. **The Association between Serum Bilirubin Level and Electrochemical Skin Conductance in Chinese Patients with Type 2 Diabetes.** *International Journal of Endocrinology*. 2018;2018:1–7.
114. Khan A, Kamran S, Ponirakis G, Akhtar N, Khan R, George P, et al. **Peripheral neuropathy in patients with multiple sclerosis.** *PLoS ONE*. 2018;13(3):e0193270.
115. Franques J, Sahuc P, Dussol B, Penaranda G, Swiader L, Froissart R, et al. **Peripheral nerve involvement in Fabry's disease: Which investigations?** A case series and review of the literature. *Revue Neurologique*. 2017 Dec 1;173(10):650–7.
116. Chae CS, Park GY, Choi Y-M, Jung S, Kim S, Sohn D, et al. **Rapid, Objective and Non-invasive Diagnosis of Sudomotor Dysfunction in Patients With Lower Extremity Dysesthesia: A Cross-Sectional Study.** *Ann Rehabil Med*. 2017 Dec;41(6):1028–38.
117. Meyer L, Massuyéau M, Canel C, Bahougne T, Assemi P, Perrin A-E, et al. **Association of sleep apnoea syndrome and autonomic neuropathy in type 1 diabetes.** *Diabetes & Metabolism*. 2017 Nov 20;0(0). Available from: [https://www.diabet-metabolism.com/article/S1262-3636\(17\)30552-9/fulltext](https://www.diabet-metabolism.com/article/S1262-3636(17)30552-9/fulltext)
118. Novak P. **Electrochemical skin conductance : a systematic review.** *Clin Auton Res*. 2017 Sep 26;
119. Maser RE, Lenhard MJ, Pohlig RT, Balagopal PB. **Osteopontin and clusterin levels in type 2 diabetes mellitus: differential association with peripheral autonomic nerve function.** *Neurol Sci*. 2017 Sep 1;38(9):1645–50.
120. Jin J, Wang W, Gu T, Chen W, Lu J, Bi Y, et al. **The Application of SUDOSCAN for Screening Diabetic Peripheral Neuropathy in Chinese Population Screening DPN by SUDOSCAN.** *Exp Clin Endocrinol Diabetes*. 2017 Sep; Available from: <http://europepmc.org/abstract/med/28895640>
121. Mao F, Liu S, Qiao X, Zheng H, Xiong Q, Wen J, et al. **SUDOSCAN, an effective tool for screening chronic kidney disease in patients with type 2 diabetes.** *Exp Ther Med*. 2017 Aug;14(2):1343–50.

122. Lefaucheur J-P. **Measurement of electrochemical conductance of penile skin using Sudoscan®: A new tool to assess neurogenic impotence.** Neurophysiologie Clinique/Clinical Neurophysiology. 2017 Jun 1;47(3):253–60.
123. Mao F, Liu S, Qiao X, Zheng H, Xiong Q, Wen J, et al. **Sudoscan is an effective screening method for asymptomatic diabetic neuropathy in Chinese type 2 diabetes mellitus patients.** J Diabetes Investig. 2017 May;8(3):363–8.
124. Gandecka A, Araszkiewicz A, Piłaciński S, Wierusz-Wysocka B, Zozulińska-Ziółkiewicz D. **Evaluation of sudomotor function in adult patients with long-lasting type 1 diabetes.** Polish Archives of Internal Medicine. 2017 Jan 10;127(1):16–24.
125. Chahal S, Vohra K, Syngle A. **Association of sudomotor function with peripheral artery disease in type 2 diabetes.** Neurol Sci. 2017 Jan;38(1):151–6.
126. Rajaobelina K, Farges B, Nov S, Maury E, Cephise-Velayoudom FL, Gin H, et al. **Skin autofluorescence and peripheral neuropathy four years later in type 1 diabetes.** Diabetes Metab Res Rev. 2017;33(2).
127. Zhu X, Mao F, Liu S, Zheng H, Lu B, Li Y. **Association of SUDOSCAN Values with Vibration Perception Threshold in Chinese Patients with Type 2 Diabetes Mellitus.** International Journal of Endocrinology. 2017. Available from: <https://www.hindawi.com/journals/ije/2017/8435252/>
128. Wang D, Shen B, Wu C, Xue Y, Liu Y. **The Relationship between Cardiovascular Autonomic Dysfunction and Ocular Abnormality in Chinese T2DM.** Journal of Diabetes Research. 2017. Available from: <https://www.hindawi.com/journals/jdr/2017/7125760/>
129. He T, Wang C, Zuo A, Liu P, Zhao R, Li W, et al. **Electrochemical Skin Conductance May Be Used to Screen for Diabetic Cardiac Autonomic Neuropathy in a Chinese Population with Diabetes.** Journal of Diabetes Research. 2017. Available from: <https://www.hindawi.com/journals/jdr/2017/8289740/citations/>
130. Goel A, Shivaprasad C, Kolly A, Sarathi H A V, Atluri S. **Comparison of electrochemical skin conductance and vibration perception threshold measurement in the detection of early diabetic neuropathy.** PLoS ONE. 2017;12(9):e0183973.
131. Syngle V, Syngle A, Garg N, Krishan P, Verma I. **Predictors of autonomic neuropathy in rheumatoid arthritis.** Autonomic Neuroscience. 2016 Dec 1;201:54–9.
132. Zhu L, Zhao X, Zeng P, Zhu J, Yang S, Liu A, et al. **Study on autonomic dysfunction and metabolic syndrome in Chinese patients.** J Diabetes Investig. 2016 Nov;7(6):901–7.
133. Zeng Q, Dong S-Y, Wang M-L, Wang F, Li J-M, Zhao X-L. **Cardiac autonomic neuropathy risk estimated by sudomotor function and arterial stiffness in Chinese subjects.** J Hum Hypertens. 2016 Nov;30(11):720–5.
134. Rousseau A, Cauquil C, Dupas B, Labbé A, Baudouin C, Barreau E, et al. **Potential Role of In Vivo Confocal Microscopy for Imaging Corneal Nerves in Transthyretin Familial Amyloid Polyneuropathy.** JAMA Ophthalmol. 2016 Sep 1;134(9):983–9.
135. Novak P. **Electrochemical Skin Conductance Correlates with Skin Nerve Fiber Density.** Front Aging Neurosci. 2016 Aug 24;8. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4995214/>
136. Sheshah E, Madanat A, Al-Greesheh F, AL-Qaisi D, AL-Harbi M, Aman R, et al. **Electrochemical skin conductance to detect sudomotor dysfunction, peripheral neuropathy and the risk of foot ulceration among Saudi patients with diabetes mellitus.** J Diabetes Metab Disord. 2016 Aug 5;15. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4974704/>
137. Castro J, Miranda B, Castro I, de Carvalho M, Conceição I. **The diagnostic accuracy of Sudoscan in transthyretin familial amyloid polyneuropathy.** Clin Neurophysiol. 2016 May;127(5):2222–7.
138. Saad M, Psimaras D, Tafani C, Sallansonnet-Froment M, Calvet J-H, Vilier A, et al. **Quick, non-invasive and quantitative assessment of small fiber neuropathy in patients receiving chemotherapy.** J Neurooncol. 2016 Apr;127(2):373–80.

139. Bordier L, Dolz M, Monteiro L, Névolet M-L, Calvet J-H, Bauduceau B. **Accuracy of a Rapid and Non-Invasive Method for the Assessment of Small Fiber Neuropathy Based on Measurement of Electrochemical Skin Conductances.** Front Endocrinol (Lausanne). 2016 Feb 29;7. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4770015/>
140. Leclair-Visonneau L, Bosquet T, Magot A, Fayet G, Gras-Le Guen C, Hamel A, et al. **Electrochemical skin conductance for quantitative assessment of sweat function: Normative values in children.** Clinical Neurophysiology Practice. 2016 Jan 1;1:43–5.
141. Vinik AI, Smith AG, Singleton JR, Callaghan B, Freedman BI, Tuomilehto J, et al. **Normative Values for Electrochemical Skin Conductances and Impact of Ethnicity on Quantitative Assessment of Sudomotor Function.** Diabetes Technol Ther. 2016;18(6):391–8.
142. Sahuc P, Chiche L, Dussol B, Pouget J, Franques J. **Sudoscan as a noninvasive tool to assess sudomotor dysfunction in patients with Fabry disease: results from a case-control study.** Ther Clin Risk Manag. 2016;12:135–8.
143. Casellini CM, Parson HK, Hodges K, Edwards JF, Lieb DC, Wohlgemuth SD, et al. **Bariatric Surgery Restores Cardiac and Sudomotor Autonomic C-Fiber Dysfunction towards Normal in Obese Subjects with Type 2 Diabetes.** PLoS ONE. 2016;11(5):e0154211.
144. Lefaucheur J-P, Wahab A, Planté-Bordeneuve V, Sène D, Ménard-Lefaucheur I, Rouie D, et al. **Diagnosis of small fiber neuropathy: A comparative study of five neurophysiological tests.** Neurophysiol Clin. 2015 Dec;45(6):445–55.
145. Syngle A, Verma I, Krishan P, Garg N, Syngle V. **Disease-modifying anti-rheumatic drugs improve autonomic neuropathy in arthritis: DIANA study.** Clin Rheumatol. 2015 Jul;34(7):1233–41.
146. Bunner AE, Wells CL, Gonzales J, Agarwal U, Bayat E, Barnard ND. **A dietary intervention for chronic diabetic neuropathy pain: a randomized controlled pilot study.** Nutr Diabetes. 2015 May 26;5:e158.
147. Névolet M-L, Vinik AI. **CIDP variants in diabetes: measuring treatment response with a small nerve fiber test.** J Diabetes Complicat. 2015 Mar;29(2):313–7.
148. Vinik AI, Nevoret M-L, Casellini C. **The New Age of Sudomotor Function Testing: A Sensitive and Specific Biomarker for Diagnosis, Estimation of Severity, Monitoring Progression, and Regression in Response to Intervention.** Front Endocrinol (Lausanne). 2015;6:94.
149. Selvarajah D, Cash T, Davies J, Sankar A, Rao G, Grieg M, et al. **SUDOSCAN: A Simple, Rapid, and Objective Method with Potential for Screening for Diabetic Peripheral Neuropathy.** PLoS ONE. 2015;10(10):e0138224.
150. Luk AOY, Fu W-C, Li X, Ozaki R, Chung HHY, Wong RYM, et al. **The Clinical Utility of SUDOSCAN in Chronic Kidney Disease in Chinese Patients with Type 2 Diabetes.** PLoS ONE. 2015;10(8):e0134981.
151. Lévy P, Bordier L, Calvet J-H, Le Hérisson G, Bauduceau B. **Potential Budgetary Impact of Large Scale Screening of Small Fiber Neuropathy in the Follow-Up of Patients with Type 2 Diabetes in France.** Journal of Diabetes & Metabolism. 2015;6(10):1000618.
152. Hupin D, Pichot V, Celle S, Maudoux D, Calvet J-H, Barthélémy J-C, et al. **Sudomotor function and obesity-related risk factors in an elderly healthy population: The PROOF-Synapse Study.** Int J Cardiol. 2015;186:247–9.
153. Freedman BI, Smith SC, Bagwell BM, Xu J, Bowden DW, Divers J. **Electrochemical Skin Conductance in Diabetic Kidney Disease.** Am J Nephrol. 2015;41(6):438–47.
154. Wrobel JS, Ammanath P, Le T, Luring C, Wensman J, Grewal GS, et al. **A novel shear reduction insole effect on the thermal response to walking stress, balance, and gait.** J Diabetes Sci Technol. 2014 Nov;8(6):1151–6.
155. Smith AG, Lessard M, Reyna S, Doudova M, Singleton JR. **The diagnostic utility of Sudoscan for distal symmetric peripheral neuropathy.** J Diabetes Complicat. 2014 Aug;28(4):511–6.

156. Syngle A, Verma I, Krishan P, Garg N, Syngle V. **Minocycline improves peripheral and autonomic neuropathy in type 2 diabetes: MIND study.** *Neurol Sci.* 2014 Jul;35(7):1067–73.
157. Raisanen A, Eklund J, Calvet J-H, Tuomilehto J. **Sudomotor function as a tool for cardiorespiratory fitness level evaluation: comparison with maximal exercise capacity.** *Int J Environ Res Public Health.* 2014 May 30;11(6):5839–48.
158. Freedman BI, Bowden DW, Smith SC, Xu J, Divers J. **Relationships between electrochemical skin conductance and kidney disease in type 2 diabetes.** *J Diabetes Complications.* 2014;28(1). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3877197/>
159. Casellini CM, Parson HK, Richardson MS, Nevoret ML, Vinik AI. **Sudoscan, a Noninvasive Tool for Detecting Diabetic Small Fiber Neuropathy and Autonomic Dysfunction.** *Diabetes Technol Ther.* 2013 Nov;15(11):948–53.
160. Eranki VG, Santosh R, Rajitha K, Pillai A, Sowmya P, Dupin J, et al. **Sudomotor function assessment as a screening tool for microvascular complications in type 2 diabetes.** *Diabetes Res Clin Pract.* 2013 Sep;101(3):e11–13.
161. Syngle A, Verma I, Garg N, Krishan P. **Autonomic dysfunction in psoriatic arthritis.** *Clin Rheumatol.* 2013 Jul;32(7):1059–64.
162. Yajnik CS, Kantikar V, Pande A, Deslypere J-P, Dupin J, Calvet J-H, et al. **Screening of cardiovascular autonomic neuropathy in patients with diabetes using non-invasive quick and simple assessment of sudomotor function.** *Diabetes Metab.* 2013 Apr;39(2):126–31.
163. Calvet JH, Dupin J, Winiecki H, Schwarz PEH. **Assessment of small fiber neuropathy through a quick, simple and non invasive method in a German diabetes outpatient clinic.** *Exp Clin Endocrinol Diabetes.* 2013 Feb;121(2):80–3.
164. Yajnik CS, Kantikar VV, Pande AJ, Deslypere JP. **Quick and Simple Evaluation of Sudomotor Function for Screening of Diabetic Neuropathy.** *ISRN Endocrinol.* 2012 Jul 9;2012. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3399356/>
165. Calvet JH DJ, JP D. **Screening of Cardiovascular Autonomic Neuropathy in Patients with Diabetes by Quick and Simple Assessment of Sudomotor Function.** *Journal of Diabetes & Metabolism.* 2012;3(4).
166. Gin H, Baudoin R, Raffaitin CH, Rigalleau V, Gonzalez C. **Non-invasive and quantitative assessment of sudomotor function for peripheral diabetic neuropathy evaluation.** *Diabetes Metab.* 2011 Dec;37(6):527–32.
167. Hubert D, Brunswick P, Calvet J-H, Dusser D, Fajac I. **Abnormal electrochemical skin conductance in cystic fibrosis.** *J Cyst Fibros.* 2011 Jan;10(1):15–20.
168. Mayaudon H, Miloche P-O, Bauduceau B. **A new simple method for assessing sudomotor function: relevance in type 2 diabetes.** *Diabetes Metab.* 2010 Dec;36(6 Pt 1):450–4.

**Articles mentioning SUDOSCAN in peer-reviewed journals**

169. S. M. Williams, A. Eleftheriadou, U. Alam, D. J. Cuthbertson, et J. P. H. Wilding, « **Cardiac Autonomic Neuropathy in Obesity, the Metabolic Syndrome and Prediabetes: A Narrative Review** », *Diabetes Ther.*, vol. 10, n° 6, p. 1995-2021, déc. 2019.
170. A.-P. Trouvin et S. Perrot, « **Functional and histological improvements of small nerve neuropathy after high-concentration capsaicin patch application: A case study** », *PAIN Rep.*, vol. 4, n° 4, p. e761, 2019
171. D. Selvarajah et al., « **Diabetic peripheral neuropathy: advances in diagnosis and strategies for screening and early intervention** », *Lancet Diabetes Endocrinol.*, oct. 2019.
172. Conceição I, Damy T, Romero M, Galán L, Attarian S, Luigetti M, et al. **Early diagnosis of ATTR amyloidosis through targeted follow-up of identified carriers of TTR gene mutations\***. *Amyloid*. 2019 Feb 22;1-7.
173. Ziemssen T, Siepmann T. **The Investigation of the Cardiovascular and Sudomotor Autonomic Nervous System—A Review**. *Frontiers in Neurology*. 2019 Feb 12;10. Available from: <https://www.frontiersin.org/article/10.3389/fneur.2019.00053/full>
174. Tesfaye S. **Neuropathy in diabetes**. *Medicine*. 2019 Feb;47(2):92-9.
175. Finsterer J, Iglseder S, Wanschitz J, Topakian R, Löscher WN, Grisold W. **Hereditary transthyretin-related amyloidosis**. *Acta Neurologica Scandinavica*. 2019 Feb;139(2):92–105.
176. Vinik AI, Casellini C, Neumann S. **Diabetes and the Nervous System**. In: Bonora E, DeFronzo RA, editors. **Diabetes Complications, Comorbidities and Related Disorders**. Cham: Springer International Publishing; 2018. p. 275–353. Available from: [http://link.springer.com/10.1007/978-3-319-44433-8\\_10](http://link.springer.com/10.1007/978-3-319-44433-8_10)
177. Lepow BD, Singh A. **Cutting Edge Treatments for Diabetic Foot Management**. *THE DIABETIC FOOT*. 2018;8.
178. Idiaquez J, Benarroch E, Nogues M. **Distal Painful Autonomic Neuropathy**. In: Idiaquez J, Benarroch E, Nogues M, editors. **Evaluation and Management of Autonomic Disorders**. Cham: Springer International Publishing; 2018. Available from: [http://link.springer.com/10.1007/978-3-319-72251-1\\_11](http://link.springer.com/10.1007/978-3-319-72251-1_11)
179. Vinik AI, Casellini C, Parson HK, Colberg SR, Nevoret M-L. **Cardiac Autonomic Neuropathy in Diabetes: A Predictor of Cardiometabolic Events**. *Frontiers in Neuroscience*. 2018 Aug 27; 12. Available from: <https://www.frontiersin.org/article/10.3389/fnins.2018.00591/full>
180. Buchmann SJ, Penzlin AI, Kubasch ML, Illigens BM-W, Siepmann T. **Assessment of sudomotor function**. *Clin Auton Res*. 2018 May 8;1-13.
181. Bajaj S. **RSSDI clinical practice recommendations for the management of type 2 diabetes mellitus 2017**. *Int J Diabetes Dev Ctries*. 2018 Mar;38(Suppl 1):1–115.
182. Goyal RK, Thakur AK. **A Status Report on Autonomic Nervous System: The Indian Research Scenario during the Last Five Years**. 1. 2018 Feb 21;84(1):3–14.
183. Langlois V, Bedat Millet A-L, Lebesnerais M, Miranda S, Marguet F, Benhamou Y, et al. **La neuropathie des petites fibres**. *La Revue de Médecine Interne*. 2018 Feb;39(2):99–106.
184. Sène D. **Small fiber neuropathy: Diagnosis, causes, and treatment**. *Joint Bone Spine*. 2017 Nov 16;
185. Ziegler D, Keller J, Maier C, Pannek J. **Diabetische Neuropathie**. *Diabetologie und Stoffwechsel*. 2017 Oct;12(S 02):S101–14.
186. Rigalleau V, Monlun M, Blanco L, Hadjadj S, Archambeaud F, Mohammedi K. **Neuropathies diabétiques périphériques : compléter notre trousse à outils**. *Médecine des Maladies Métaboliques*. 2017 Mar 1;11(2):125–30.
187. Adams D, Beaudonnet G, Adam C, Lacroix C, Théaudin M, Cauquil C, et al. **Familial amyloid polyneuropathy: When does it stop to be asymptomatic and need a treatment?** *Rev Neurol (Paris)*. 2016 Oct;172(10):645–52.

188. Vinik AI. **Diabetic Sensory and Motor Neuropathy**. New England Journal of Medicine. 2016 Apr 14;374(15):1455–64.
189. Obici L, Kuks JB, Buades J, Adams D, Suhr OB, Coelho T, et al. **Recommendations for presymptomatic genetic testing and management of individuals at risk for hereditary transthyretin amyloidosis**. Curr Opin Neurol. 2016 Feb;29 Suppl 1:S27-35.
190. PTD Z. 2016 Guidelines on the management of diabetic patients. **A position of Diabetes Poland. Clinical Diabetology**. 2016;5(A). Available from: [https://journals.viamedica.pl/clinical\\_diabetology/article/view/47872](https://journals.viamedica.pl/clinical_diabetology/article/view/47872)
191. Escaño-Polanco FM, Odriozola A, Davidson J, Pedrosa H, Fuente G, Márquez G, et al. **Consenso de expertos para el manejo de la neuropatía diabética**. Rev ALAD. 2016;6:121–50.
192. Vas PRJ, Sharma S, Rayman G. **Distal Sensorimotor Neuropathy: Improvements in Diagnosis**. Rev Diabet Stud. 2015 Spring-Summer;12(1–2):29–47.
193. Papanas N, Ziegler D. **New vistas in the diagnosis of diabetic polyneuropathy**. Endocrine. 2014 Dec;47(3):690–8.
194. Müller G, Parfentyeva E, Olschewsky J, Bornstein SR, Schwarz PEH. **Assessment of small fiber neuropathy to predict future risk of type 2 diabetes**. Prim Care Diabetes. 2013 Dec;7(4):269–73.
195. Vinik AI, Nevoret M, Casellini C, Parson H. **Neurovascular function and sudorimetry in health and disease**. Curr Diab Rep. 2013 Aug;13(4):517–32.

### **EZSCAN - Articles published in peer-reviewed journals**

196. X. Zhao, A. Getmanenko, Y. Zhang, Q. Mo, et C. Yao, « **A formula based on autonomic test using EZSCAN and anthropometric data for diagnosis of DM in China** », *Sci. Rep.*, vol. 10, n° 1, p. 4870, déc. 2020, doi: 10.1038/s41598-020-61841-2.
197. Li L, Wang X-Y, Jiang S-Q, Qin Y-H, Zhou Y-Y. **A study of the application of EZSCAN in pilots and in the general population**. Endokrynologia Polska. 2018 Jun 25;69(3):259–63.
198. Bernabe-Ortiz A, Ruiz-Alejos A, Miranda J, Mathur R, Perel P, Smeeth L. **EZSCAN for undiagnosed type 2 diabetes mellitus: A systematic review and meta-analysis**. PLOS ONE. 2017;12(10):e0187297.
199. Lin Y, Chen Z, Guo X, Deng Y. **Value of EZSCAN parameters for diabetes screening in Chinese**. Medicina Clínica. 2017;148(10):444-448.
200. Bajaj S, Tiwari A, Chaurasia AK, Shukla RP. **Detection of microvascular complications of type 2 diabetes by EZSCAN and its comparison with standard screening methods**. J. Evid. Based Med. Healthc. 2016; 3(66), 3579-3583.
201. Schwarz P. **Screening and prevention of diabetes**. Der Internist. 2015;56(10):1124-1133.
202. Chen X, Chen L, Ding R, Shi Q, Zhang Y, Hu D. **A preliminary investigation of EZSCAN™ screening for impaired glucose tolerance and diabetes in a patient population**. Exp Ther Med. 2015 May;9(5):1688-1694.
203. Sanchez Hernandez OE, Papacostas-Quintanilla H, Vilier A, Calvet JH, Jiménez Osorio A , Sánchez Trampe BI, Musalem Younes C, Rodriguez-Arellano ME. **EZSCAN as a Screening Tool for Prediabetes and Diabetes in a Large Mexican Population**. J Diabetes Metab 2015 6:505.
204. Sun W, Zhang D, Sun J, Xu B, Sun K, Wang T, Ren 2, Li J, Chen Y, Xu M, Bi Y, Xu Q, Wang W, Gu Y, Ning G. **Association between non-alcoholic fatty liver disease and autonomic dysfunction in a Chinese population**. QJM 2015;108(8):617-24.
205. Zeng Q, Dong SY, Wang ML, Xiang H, Zhao XL. **Association of EZSCAN Values with Arterial Stiffness in Individuals without Diabetes or Cardiovascular Disease**. Plos one 2014 Mar 3;9(3):e90854. doi: 10.1371/journal.pone.0090854

206. Parfentyeva E, Saha S, Hjellset VT, Kopprasch S, Schwarz PE. **Assessment of Small C-Fiber Status for Screening of Oxidative Stress in Patients at Risk of Diabetes.** Horm Metab Res 2014;46(5):360-4
207. Sun J, Zhang Y, Xu B, Lv X, Ding L, Chen Y, Sun W, Lu J, Xu M, Bi Y, Ning G. **Autonomic dysfunction assessed by EZSCAN and subclinical atherosclerosis.** J Diabetes 2014;6(5):409-16
208. Müller G, Olszewski J, Stange T, Hjellset VT, Bornstein S, Schwarz PE. **Non-invasive Screening of Diabetes Risk by Assessing Abnormalities of Sudomotor Function.** Exp Clin Endocrinol Diabetes 2013; 121: 1–5
209. Müller G, Parfentyeva E, Olszewski J, Bornstein SR, Schwarz PE. **Assessment of small fiber neuropathy to predict future risk of type 2 diabetes.** Primary Care Diabetes 2013;7(4):269-73
210. Chen L, Chen X, Ding R, Shi Q Jr, Hu D. **Evaluation of EZSCAN as a screening tool for impaired glucose metabolism.** Diabetes Research & Clinical Practice 2013;100 (2):210-4
211. Yang Z, Xu B, Lu J, Tian X, Li M, Sun K, Huang F, Liu Y, Xu M, Bi Y, Wang W. **Autonomic test by EZSCAN in the screening for prediabetes and diabetes.** Plos one 2013;8(2):e56480
212. Sun K, Liu Y, Dai M, Li M, Yang Z, Xu M, Xu Y, Lu J, Chen Y, Liu J, Ning G, Bi Y. **Accessing autonomic function can early screen metabolic syndrome.** Plos One 2012;7(8):e43449.
213. Sheng CS, Zeng WF, Huang QF, Deslypere JP, Li Y, Wang JG. **Accuracy of a novel non-invasive technology based EZSCAN system for the diagnosis of diabetes mellitus in Chinese.** Diabetology & Metabolic Syndrome 2011;22;3(1):36
214. Ozaki R, Cheung KK, Wu E, Kong A, Yang X, Lau E, Brunswick P, Calvet JH, Deslypere JP, Chan JC. **A new tool to detect kidney disease in Chinese type 2 diabetes patients—comparison of EZSCAN with standard screening methods.** Diabetes technology & therapeutics 2011;13(9):937-43
215. Schwarz PE. Brunswick P, Calvet JH. **EZSCAN a new technology to detect diabetes risk.** British Journal of Diabetes & Vascular diseases 2011;11(4):204-9
216. Ramachandran A, Moses A, Snehalatha C, Shetty S, Thirupurasundari CJ, Seeli AC. **Assessment of sudomotor function to predict future abnormalities of glucose tolerance in at risk population.** Journal of Diabetes & Metabolism 2011;2(3):1-4
217. Ramachandran A, Moses A, Shetty S, Thirupurasundari CJ, Seeli AC, Snehalatha C, Singvi S, Deslypere JP. **A new noninvasive technology to screen for dysglycemia including diabetes.** Diabetes Research & Clinical Practice 2010;88:302-6

## Not referenced articles

218. Bouenizabila E, Kakou C, Bauduceau B, Calvet J-H, Carmoi T. **Dépistage du diabète de type 2 et de ses complications en Afrique sub-saharienne: la place potentielle de Sudoscan.** Médecine des Maladies Métaboliques. 2015 ; 9 : 165-170.
219. Bauduceau B, Bordier L. **Intérêt pratique de SUDOSCAN, Une technique innovante pour l'exploration de la neuropathie diabétique et le dépistage du diabète.** Diabétologie Pratique, Février 2015
220. Tillier J. N., Le Canuet P, Calvet J.H. **Intérêt de Sudoscan pour l'exploration des neuropathies des petites fibres en pratique neurologique courante.** Neurologie Libérale. 2015;4 :20-22.
221. Calmet A, Ayoub H, Lair V, Griveau S. **Diagnostic précoce et non invasif des neuropathies des petites fibres.** L'actualité chimique 2014 ;390 :48-49
222. Mouly C, Hanaire H, Sénard J-M, Gerdelat A, Pavvy-Letraon A. **SUDOSCAN chez le diabétique, intérêt en pratique clinique.** Diabète et obésité 2014 ;9 :186-90
223. Calvet J-H **Sudoscan : une technique innovante pour l'exploration des neuropathies des petites fibres.** Neurologie libérale. 2014 (2):14-16

224. Bauduceau B, Bordier L. **SUDOSCAN et EZSCAN : deux applications pour les diabétiques d'une même technique innovante.** Médecine des maladies Métaboliques 2013;7(6):548-552.

## The technology

225. Lair V, Calmet A, Albin V, Griveau S, Cassir M. **Electrolytic Cell Design to Simulate the Electrochemical Skin Response.** Electroanalysis. 2019 Jan;31(1):22–30.
226. Bediou F, Lair V, Griveau S, Ringuedé A, Zagal JH, Cassir M. **Electrochemical Behavior of Electrode Materials (Nickel and Stainless Steels) for Sudomotor Dysfunction Applications: A Review.** Electroanalysis. 2018 Nov;30(11):2525–34.
227. Calmet A, Vejar N, Gonzalez X, Sancy M, Ringuedé A, Lair V, Griveau S, Zagal JH, Bediou F, Cassir M. **Electrochemical Behavior of Stainless Steels for Sudomotor Dysfunction Applications.** Electroanalysis. 2017.
228. Calmet A, Amar A, Griveau S, Lair V, Sutter E, Recio F, Brunswick P, Bediou F, Cassir M. **Corrosion behavior of biocompatible stainless steels in physiological medium for non-invasive diagnosis of small fiber neuropathies applications.** Electroanalysis, 2016;28(2):380-384.
229. Calmet A, Khalfallah K, Ayoub H, Lair V, Griveau S, Brunswick P, Bediou F, Cassir M. **Small fiber neuropathy diagnosis by a non-invasive electrochemical method: mimicking the in-vivo responses by optimization of electrolytic cell parameters.** Electrochimica Acta 2014;140(10):37-41
230. Ayoub H, Lair V, Griveau S, Brunswick P, Bediou F, Cassir M. **Electrochemical Characterization of Stainless Steel as a New Electrode Material in a Medical Device for the Diagnosis of Sudomotor Dysfunction.** Electroanalysis 2012;24(6):1324-33
231. Ayoub H, Lair V, Griveau S, Galtayries A, Brunswick P, Bediou F, Cassir M. **Ageing of nickel used as sensitive material for early detection of sudomotor dysfunction.** Applied surface science 2012;258:2724-31
232. Ayoub H, Lair V, Griveau S, Brunswick P, Zagal J, F. Bediou F, Cassir M. **Electrochemical kinetics of anodic Ni dissolution in aqueous media as a function of chloride ion concentration at pH values close to physiological conditions.** Electroanalysis 2012;24:386-91
233. Ayoub H, Lair V, Griveau S, Brunswick P, Bediou F, Cassir M. **SUDOSCAN device for the early detection of diabetes: in vitro measurements versus results of clinical tests.** Sensor Letters journal 2011 ;9:2147-49
234. Khalfallah K, Ayoub H, Calvet JH, Neveu X, Brunswick P, Griveau S, Lair V, Cassir M, Bediou F. **Non invasive galvanic skin sensor for early diagnosis of sudomotor dysfunction: Application to Diabetes.** IEEE sensors Journal 2010 :12(3) :456-63
235. Ayoub H, Griveau S, Lair V, Brunswick P, Cassir M, Bediou F. **Electrochemical characterization of nickel electrodes in phosphate and carbonate electrolytes in view of assessing a medical diagnostic device for the detection of early diabetes.** Electroanalysis 2010;22:2483-90
236. Brunswick B, Mayaudon H, Albin V, Lair V, Ringuede A, Cassir M. **Use of Ni electrodes chronoamperometry for improved diagnostics of diabetes and cardiac diseases.** Conf Proc IEE. Eng Med Biol Soc. 2007;2007:4544-7

