

Prof. Dr. med. Günter Seidel

Literatur Stand 05/2022

Insgesamt: 132 Wissenschaftliche Arbeiten, davon 104 Medline gelistet

Medline gelistete Publikationen

2022

104. Glaser M, Albert M, **Seidel G**. Schnell progrediente Neuropathie, diffuse Schmerzen und Pseudohalluzinationen bei einer jungen Patientin. Nervenarzt 2022 doi: 10.1007/s00115-022-01293-3. Online ahead of print.

103. Alegiani A, Rosenkranz M, Schmitz L, Lezius S, **Seidel G**, Heßelmann V, Töpfer R, Terborg C, Urban PP, Brüning R, Höltje J, Lienau F, Arning C, Marquardt L, Müller-Jensen A, Röther J, Eckert B, Zapf A, Fiehler J, Thomalla G, Gerloff C. Ten Years of Improving Acute Stroke Management in a Metropolitan Area: A Population-Based Quantification of Quality Indicators. Eur Neurol 2022;85:39–49.

2021

102. Wölk T, Schargus M, **Seidel G**. [Isolated Metamorphopsia and Visual Pseudohallucinations in a Patient With anti-NMDA Receptor Encephalitis]. Der Ophthalmologe 2021;118,276–279.

2020

101. Scharlibbe LM, Schöps C, Heßelmann V, Friese M, **Seidel G**. Overlap-Syndrom zwischen primärer T-Zell-vermittelter Vaskulitis des Hirnstamms und CLIPPERS („chronic lymphocytic inflammation with pontocerebellar perivascular enhancement responsive to steroids“). Nervenarzt 2020;91:1134-1137.

100. Haas K, Rücker V, Hermanek P, Misselwitz B, Berger K, Seidel G, Janssen A, Rode S, Burmeister C, Matthis C, Koennecke HC, Heuschmann PU; German Stroke Register Study Group (ADSR). Association Between Adherence to Quality Indicators and 7-Day In-Hospital Mortality After Acute Ischemic Stroke. Stroke 2020;51:3664-3672.

99. Lübke-Detring S, Schwabe J, Friese M, Mager A-K, Franz J, **Seidel G**. Parainfektöse ZNS-Kleingefäß-Vaskulitis und autoimmune Enzephalitis nach Herpes-simplex-Typ-1-Enzephalitis. Nervenarzt 2020;91:530–533.

2019

98. **Seidel G**, Röttinger A, Lorenzen J, Kücken D, Majewski A, Klose K, Terborg C, Klass I, Wohlmuth P, Zukunft E, Debacher U. Lebensqualität und Behinderung nach

schwerem Schlaganfall und neurologischer Frührehabilitation. Nervenarzt 2019;90:1031-1036.

2018

97. Röttinger A, **Seidel G**, Kücken D, Zukunft E, Töpfer R, Majewski A, Klose K, Terborg C, Klass I, Wohlmuth P, Debacher U. Unterschiede im Verlauf der neurologischen Frührehabilitation bei Patienten nach Hirninfarkt, intrazerebraler Blutung und nicht-traumatischer Subarachnoidalblutung. Akt Neurol 2018; 45: 646-654

96. Niedernhöfer P, Schwabe J, **Seidel G**. Progressive encephalomyelitis with rigidity and myoclonus: Stiff tongue as initial symptom. Nervenarzt 2018;89(2):198-199.

2017

95. Hillmann S, Wiedmann S, Rücker V, Berger K, Nabavi D, Bruder I, Koennecke HC, **Seidel G**, Misselwitz B, Janssen A, Burmeister C, Matthis C, Busse O, Hermanek P, Heuschmann PU; German Stroke Register Study Group (ADSR). Stroke unit care in germany: the german stroke registers study group (ADSR). BMC Neurol 2017;17(1):49

2016

94. **Seidel G**, Eggers L, Kücken D, Zukunft E, Töpfer R, Majewski A, Klose K, Terborg C, Klass I, Wohlmuth P, Debacher U. Prognosefaktoren in der Frührehabilitation nach schwerem Schlaganfall. Akt Neurol 2016; 43: 541–547

93. Purrucker JC, Wolf M, Haas K, Rizos T, Khan S, Dziewas R, Kleinschnitz C, Binder A, Gröschel K, Hennerici MG, Lobotesis K, Poli S, **Seidel G**, Neumann-Haefelin T, Ringleb PA, Heuschmann PU, Veltkamp R. Safety of Endovascular Thrombectomy in Patients Receiving Non-Vitamin K Antagonist Oral Anticoagulants. Stroke 2016;47:1127-1130

2015

92. **Seidel G**, Kücken D, Eggers L, Klose K, Töpfer R, Majewski A, Zukunft E, Debacher U. Qualitätsmanagement in der Frührehabilitation nach Schlaganfall – Deskriptive Analyse und Qualitätsindikatoren. Akt Neurol 2015;42: 351–356

2014

91. Roessler FC, Teichert A, Ohlrich M, Marxsen JH, Stellmacher F, Tanislav C, **Seidel G**. Development of a new clot formation protocol for standardized in vitro investigations of sonothrombolysis. *J Neurosci Methods* 2014;237:26-32.

90. Wiedmann S, Heuschmann PU, Hillmann S, Busse O, Wiethölter H, Walter GM, **Seidel G**, Misselwitz B, Janssen A, Berger K, Burmeister C, Matthis C, Kolominsky-Rabas P, Hermanek P for the German Stroke Registers Study Group: The quality of acute stroke treatment—an analysis of evidence-based indicators in 260 000 Patients. *Dtsch Arztebl Int* 2014; 111: 759–65.

2013

89. Al-Khaled M; Matthis C; **Seidel G**. The prognostic impact of the stroke unit concept after transient ischemic attack. *Clinical neurology and neurosurgery* 2013;115(6):725-8.

88. **Seidel G**. Secondary prophylaxis of stroke from a neurological perspective. *Herz* 2013;38(3):251-60.

87. **Seidel G**; Roessler F; Al-Khaled M. Microvascular imaging in acute ischemic stroke. *Journal of neuroimaging* 2013;23(2):166-9.

2012

86. Piscaglia F, Nolsøe C, Dietrich CF, Cosgrove DO, Gilja OH, Bachmann Nielsen M, Albrecht T, Barozzi L, Bertolotto M, Catalano O, Claudon M, Clevert DA, Correas JM, D'Onofrio M, Drudi FM, Eyding J, Giovannini M, Hocke M, Ignee A, Jung EM, Klauser AS, Lassau N, Leen E, Mathis G, Saftoiu A, **Seidel G**, Sidhu PS, ter Haar G, Timmerman D, Weskott HP. The EFSUMB Guidelines and Recommendations on the Clinical Practice of Contrast Enhanced Ultrasound (CEUS): update 2011 on non-hepatic applications. *Ultraschall Med* 2012;33(1):33-59.

85. Wuerfel JT, **Seidel G**, Melchert U, Sprenger A, Hansmann C, Trillenber P, Petersen D, Schoenweiler R, Schneider SA. Palatal tremor visualized by cine MRI. *Mov Disord* 201;26(10):1959-60.

2011

84. Roessler FC1, Ohlrich M, Marxsen JH, Stellmacher F, Sprenger A, Dempfle CE, **Seidel G**. The platelet-rich plasma clot: a standardized in-vitro clot formation protocol for investigations of sonothrombolysis under physiological flows. *Blood Coagul Fibrinolysis* 2011;22(5):407-15.

83. Hagenah J, König IR, Kötter C, **Seidel G**, Klein C, Brüggemann N. Basal ganglia hyperechogenicity does not distinguish between patients with primary dystonia and healthy individuals. *J Neurol* 2011;258(4):590-5.

82. Lunow M, Adam B, **Seidel G**. [Pseudo-Conn's syndrome with hypokalemic paralysis due to diuretics and licorice abuse]. *Fortschr Neurol Psychiatr* 2011;79(1):46-50.

81. Roessler FC, Ohlrich M, Marxsen JH, Schmieger M, Weber PK, Stellmacher F, Trillenberg P, Eggers J, **Seidel G**. Introduction of a new model for time-continuous and non-contact investigations of in-vitro thrombolysis under physiological flow conditions. *BMC Neurol* 2011 May 26;11:58.

2010

80. Hagenah J; **Seidel G**. [#Sonography of the parenchyma in Parkinson's disease. *Der Nervenarzt* 2010;81(10):1189-95.

79. Hagenah J, König IR, Sperner J, Wessel L, **Seidel G**, Condefer K, Saunders-Pullman R, Klein C, Brüggemann N. Life-long increase of substantia nigra hyperechogenicity in transcranial sonography. *Neuroimage* 2010;15;51(1):28-32.

78. Brüggemann N, Gottschalk S, Holl-Ulrich K, Stewen J, Heide W, **Seidel G**. Cranial pachymeningitis: a rare neurological syndrome with heterogeneous aetiology. *J Neurol Neurosurg Psychiatry* 2010;81(3):294-8.

2009

77. Walter A, **Seidel G**, Thie A, Raspe H. Semi-intensive stroke unit versus conventional care in acute ischemic stroke or TIA--a prospective study in Germany. *J Neurol Sci* 2009;15;287(1-2):131-7.

76. Eggers J, Ossadnik S, Hütten H, **Seidel G**. Sonothrombolysis is effective with recombinant tissue-type plasminogen activator, but not with Abciximab. Results from an in vitro study with whole blood clots and platelet-rich clots. *Thromb Haemost* 2009;102(6):1274-7.

75. Nedelmann M, Stolz E, Gerriets T, Baumgartner RW, Malferrari G, **Seidel G**, Kaps M; TCCS Consensus Group. Consensus recommendations for transcranial color-coded duplex sonography for the assessment of intracranial arteries in clinical trials on acute stroke. *Stroke* 2009;40(10):3238-44.

74. Maciak A, Kier C, **Seidel G**, Meyer-Wiethe K, Hofmann UG. Detecting stripe artifacts in ultrasound images. *J Digit Imaging* 2009 Oct;22(5):548-57

73. Margraf N, Bachmann T, Schwandner W, Gottschalk S, **Seidel G**. Bedside screening for executive dysfunction in patients with subcortical ischemic vascular disease. *Int J Geriatr Psychiatry* 2009;24(9):1002-9.

72. Reppel M, Landreh L, Gottschalk S, Schunkert H, Kurowski V, **Seidel G**. Japanese encephalitis in Western Europe. *Clin Neurol Neurosurg*. 2009;111(4):373-5.

71. Eggers J, Ossadnik S, **Seidel G**. Enhanced clot dissolution in vitro by 1.8-MHz pulsed ultrasound. *Ultrasound Med Biol* 2009;35(3):523-6.

70. **Seidel G**, Cangür H, Albers T, Burgemeister A, Meyer-Wiethe K. Sonographic evaluation of hemorrhagic transformation and arterial recanalization in acute hemispheric ischemic stroke. *Stroke*;2009;40(1):119-23.

69. **Seidel G**, Meairs S. Ultrasound contrast agents in ischemic stroke. *Cerebrovasc Dis* 2009;27 Suppl 25-39.

68. Kier C, Meyer-Wiethe K, **Seidel G**, Mertins A. Improved modelling of ultrasound contrast agent diminution for blood perfusion analysis. *Med Image Comput Comput Assist Interv* 2009;12(Pt 2):935-42.

2008

67. Maciak A, **Seidel G**, Meyer-Wiethe K, Kier C, Hofmann UG.[Automatic detection of perfusion deficits with Bolus Harmonic Imaging]. *Ultraschall Med* 2008;29(6):618-26.

66. Trillenber P1, Eggers J, Steffen J, **Seidel G**. Reliability of modeling evoked flow responses. *Ultraschall Med* 2008;29(6):611-7.

65. Brueggemann N, Odin P, Gruenewald A, Tadic V, Hagenah J, **Seidel G**, Lohmann K, Klein C, Djarmati A. Alpha-synuclein gene duplication is present in sporadic Parkinson disease. *Neurology* 2008;71(16):1294; author reply 1294.

64. Hagenah JM, Becker B, Brüggemann N, Djarmati A, Lohmann K, Sprenger A, Klein C, **Seidel G**. Transcranial sonography findings in a large family with homozygous and heterozygous PINK1 mutations. *J Neurol Neurosurg Psychiatry* 2008;79(9):1071-4.

63. Eggers J, König IR, Koch B, Händler G, **Seidel G**. Sonothrombolysis with transcranial color-coded sonography and recombinant tissue-type plasminogen activator in acute middle cerebral artery main stem occlusion: results from a randomized study. *Stroke* 2008;39(5):1470-5.

62. Claudon M, Cosgrove D, Albrecht T, Bolondi L, Bosio M, Calliada F, Correias JM, Darge K, Dietrich C, D'Onofrio M, Evans DH, Filice C, Greiner L, Jäger K, Jong Nd, Leen E, Lencioni R, Lindsell D, Martegani A, Meairs S, Nolsøe C, Piscaglia F, Ricci P, **Seidel G**, Skjoldbye B, Solbiati L, Thorelius L, Tranquart F, Weskott HP, Whittingham T. Guidelines and good clinical practice recommendations for contrast enhanced ultrasound (CEUS) - update 2008. *Ultraschall Med* 2008;29(1):28-44

2007

61. Hagenah JM, König IR, Becker B, Hilker R, Kasten M, Hedrich K, Pramstaller PP, Klein C, **Seidel G**. Substantia nigra hyperechogenicity correlates with clinical status and number of Parkin mutated alleles. *J Neurol* 2007;254(10):1407-13.
60. Meyer-Wiethe K, Cangür H, Schindler A, Koch C, **Seidel G**. Ultrasound perfusion imaging: determination of thresholds for the identification of critically disturbed perfusion in acute ischemic stroke--a pilot study. *Ultrasound Med Biol* 2007;33(6):851-6.
59. Wunderlich MT, Goertler M, Postert T, Schmitt E, **Seidel G**, Gahn G, Samii C, Stolz E; Duplex Sonography in Acute Stroke (DIAS) Study Group; Competence Network Stroke. Recanalization after intravenous thrombolysis: does a recanalization time window exist? *Neurology* 2007;24;68(17):1364-8.
58. Kier C, Meyer-Wiethe K, **Seidel G**, Aach T. Ultrasound cerebral perfusion analysis based on a mathematical model for diminution harmonic imaging. *Methods Inf Med* 2007;46(3):308-13.
57. Walter U, Behnke S, Eyding J, Niehaus L, Postert T, **Seidel G**, Berg D. Transcranial brain parenchyma sonography in movement disorders: state of the art. *Ultrasound Med Biol* 2007;33(1):15-25.

2006

56. **Seidel G**, Cangür H, Meyer-Wiethe K, Renault G, Herment A, Schindler A, Kier C. On the ability of ultrasound parametric perfusion imaging to predict the area of infarction in acute ischemic stroke. *Ultraschall Med* 2006;27(6):543-8.
55. Hagenah JM, Hedrich K, Becker B, Pramstaller PP, **Seidel G**, Klein C. Distinguishing early-onset PD from dopa-responsive dystonia with transcranial sonography. *Neurology* 2006;66(12):1951-2.
54. **Seidel G**, Meyer-Wiethe K. Acute stroke: perfusion imaging. *Front Neurol Neurosci* 2006;21:127-39.

2005

53. **Seidel G**, Cangür H, Albers T, Meyer-Wiethe K. Transcranial sonographic monitoring of hemorrhagic transformation in patients with acute middle cerebral artery infarction. *J Neuroimaging* 2005;15(4):326-30.
52. Finis A, Ssenyonjo H, Knopp U, Koch C, **Seidel G**, Arnold H, Giese A. Infarction of the right hemisphere in a patient with antiphospholipid antibody syndrome. *Acta Neurochir (Wien)* 2005;147(9):997-1002

51. Della Martina A, Meyer-Wiethe K, Allémann E, **Seidel G**. Ultrasound contrast agents for brain perfusion imaging and ischemic stroke therapy. *J Neuroimaging* 2005;15(3):217-32.

50. Eggers J, **Seidel G**, Koch B, König IR. Sonothrombolysis in acute ischemic stroke for patients ineligible for rt-PA. *Neurology* 2005;64(6):1052-4.

49. Meyer-Wiethe K, Cangür H, **Seidel G**. Comparison of different mathematical models to analyze diminution kinetics of ultrasound contrast enhancement in a flow phantom. *Ultrasound Med Biol* 2005;31(1):93-8.

48. Wunderlich MT, Stolz E, **Seidel G**, Postert T, Gahn G, Sliwka U, Goertler M; Duplex Sonography in Acute Stroke Study Group. Conservative medical treatment and intravenous thrombolysis in acute stroke from carotid T occlusion. *Cerebrovasc Dis* 2005;20(5):355-61.

2004

47. Cangür H, Meyer-Wiethe K, **Seidel G**. Comparison of flow parameters to analyse bolus kinetics of ultrasound contrast enhancement in a capillary flow model. *Ultraschall Med* 2004;25(6):418-21.

46. **Seidel G**, Meyer-Wiethe K, Berdien G, Hollstein D, Toth D, Aach T. Ultrasound perfusion imaging in acute middle cerebral artery infarction predicts outcome. *Stroke* 2004;35(5):1107-11.

45. Wiesmann M, Meyer K, Albers T, **Seidel G**. Parametric perfusion imaging with contrast-enhanced ultrasound in acute ischemic stroke. *Stroke* 2004;35(2):508-13.

2003

44. **Seidel G**, Albers T, Meyer K, Wiesmann M. Perfusion harmonic imaging in acute middle cerebral artery infarction. *Ultrasound Med Biol* 2003;29(9):1245-51.

43. Eggers J, Koch B, Meyer K, König I, **Seidel G**. Effect of ultrasound on thrombolysis of middle cerebral artery occlusion. *Ann Neurol* 2003;53(6):797-800.

42. Meyer K, Wiesmann M, Albers T, **Seidel G**. Harmonic imaging in acute stroke: detection of a cerebral perfusion deficit with ultrasound and perfusion MRI. *J Neuroimaging* 2003;13(2):166-8.

2002

41. **Seidel G**, Meyer K. Impact of ultrasound contrast agents in cerebrovascular diagnostics. *Eur J Ultrasound* 2002;16(1-2):81-90.

40. Meyer K, **Seidel G**. Transcranial contrast diminution imaging of the human brain: a pilot study in healthy volunteers. *Ultrasound Med Biol* 2002;28(11-12):1433-7.
39. Gerriets T, Goertler M, Stolz E, Postert T, Sliwka U, Schlachetzki F, **Seidel G**, Weber S, Kaps M. Feasibility and validity of transcranial duplex sonography in patients with acute stroke. *J Neurol Neurosurg Psychiatry* 2002;73(1):17-20.
38. Gottschalk S, Gaebel C, Haendler G, Gellissen J, Missler U, **Seidel G**, Nowak G, Petersen D. [Contrast-enhanced intracranial 3 D MR angiography (CE-MRA) in assessing arterial stenoses and aneurysms]. *Rofo* 2002 Jun;174(6):704-13. German.
37. Nötzold A, Gerriets T, Eggers J, Kupiske G, **Seidel G**, Kaps M, Sievers HH. Circulating microemboli after composite replacement or valve-sparing aortic root surgery. *Thorac Cardiovasc Surg* 2002;50(3):141-4.
36. **Seidel G**, Meyer K, Metzler V, Toth D, Vida-Langwasser M, Aach T. Human cerebral perfusion analysis with ultrasound contrast agent constant infusion: a pilot study on healthy volunteers. *Ultrasound Med Biol* 2002;28(2):183-9.
35. Meyer K, **Seidel G**, Algermissen C. Harmonic imaging of the brain parenchyma in a dog model following NC100100 (Sonazoid) bolus injection. *J Neuroimaging* 2002;12(1):35-41.

2001

34. **Seidel G**, Meyer K. Harmonic imaging--a new method for the sonographic assessment of cerebral perfusion. *Eur J Ultrasound* 2001;14(2-3):103-13.
33. **Seidel G**, Meyer K. [Harmonic imaging. A new method of ultrasound imaging of brain perfusion]. *Nervenarzt* 2001;72(8):600-9.
32. **Seidel G**, Claassen L, Meyer K, Vidal-Langwasser M. Evaluation of blood flow in the cerebral microcirculation: analysis of the refill kinetics during ultrasound contrast agent infusion. *Ultrasound Med Biol* 2001;27(8):1059-64.
31. Meyer K, **Seidel G**, Knopp U. Transcranial sonography of brain tumors in the adult: an in vitro and in vivo study. *J Neuroimaging* 2001;11(3):287-92.
30. Kaps M, **Seidel G**, Algermissen C, Gerriets T, Broillet A. Pharmacokinetics of echocontrast agent infusion in a dog model. *J Neuroimaging* 2001;11(3):298-302.
29. **Seidel G**, Meyer K, Algermissen C, Broillet A. Harmonic imaging of the brain parenchyma using a perfluorobutane-containing ultrasound contrast agent. *Ultrasound Med Biol* 2001;27(7):915-8.
28. Claassen L, **Seidel G**, Algermissen C. Quantification of flow rates using harmonic grey-scale imaging and an ultrasound contrast agent: an in vitro and in vivo study. *Ultrasound Med Biol* 2001;27(1):83-8.

2000

27. Gerriets T, Postert T, Goertler M, Stolz E, Schlachetzki F, Sliwka U, **Seidel G**, Weber S, Kaps M. DIAS I: duplex-sonographic assessment of the cerebrovascular status in acute stroke. A useful tool for future stroke trials. *Stroke* 2000;31(10):2342-5.
26. Wiesmann M, **Seidel G**. Ultrasound perfusion imaging of the human brain. *Stroke* 2000;31(10):2421-5.
25. **Seidel G**, Christoph A, Algermissen C, Katzer T, Claasen L, Vidal-Langwasser M. Transcranial harmonic power duplex sonography for the evaluation of cerebral arteries. *J Neuroimaging* 2000;10(4):216-20.
24. **Seidel G**, Algermissen C, Christoph A, Katzer T, Kaps M. Visualization of brain perfusion with harmonic gray scale and power doppler technology : an animal pilot study. *Stroke* 2000;31(7):1728-34.
23. **Seidel G**, Algermissen C, Christoph A, Claassen L, Vidal-Langwasser M, Katzer T. Harmonic imaging of the human brain. Visualization of brain perfusion with ultrasound. *Stroke* 2000;31(1):151-4.

1999

22. Stolz E, Gerriets T, Fiss I, Babacan SS, **Seidel G**, Kaps M. Comparison of transcranial color-coded duplex sonography and cranial CT measurements for determining third ventricle midline shift in space-occupying stroke. *AJNR Am J Neuroradiol* 1999;20(8):1567-71.
21. Kaps M, **Seidel G**, Bokor D, Modrau B, Algermissen C. Safety and ultrasound-enhancing potentials of a new sulfur hexafluoride-containing agent in the cerebral circulation. *J Neuroimaging* 1999;9(3):150-4.
20. **Seidel G**, Greis C, Sonne J, Kaps M. Harmonic grey scale imaging of the human brain. *J Neuroimaging* 1999;9(3):171-4.
19. **Seidel G**, Vidal-Langwasser M, Algermissen C, Gerriets T, Kaps M. The influence of Doppler system settings on the clearance kinetics of different ultrasound contrast agents. *Eur J Ultrasound* 1999;9(2):167-75.
18. Gerriets T, **Seidel G**, Fiss I, Modrau B, Kaps M. Contrast-enhanced transcranial color-coded duplex sonography: efficiency and validity. *Neurology* 1999;52(6):1133-7.
17. Gerriets T, Stolz E, Modrau B, Fiss I, **Seidel G**, Kaps M. Sonographic monitoring of midline shift in hemispheric infarctions. *Neurology* 1999;52(1):45-9.

1998

16. **Seidel G**, Beller KD, Kaps M. Administration of modified spherosome suspension (BY963) leads to an increase of acoustic impedance in dog brain tissue. *J Neuroimaging* 1998;8(3):164-8.

15. **Seidel G**, Beller KD, Aaslid R, Hummel RP, Thibaut U, Vidal-Langwasser M, Kukat B, Kaps M. The influence of different gases on acoustic properties of a spherosome-based ultrasound contrast agent (BY963). A transcranial Dopplersonography study. *J Neuroimaging* 1998;8(2):83-7.

1997

14. Kaps M, Schaffer P, Beller KD, **Seidel G**, Wurst W. Transcranial Doppler echo contrast studies using different colour processing modes. *Acta Neurol Scand* 1997;95(6):358-62.

13. Kaps M, Schaffer P, Beller KD, **Seidel G**, Bliesath H, Diletti E. Characteristics of transcranial Doppler signal enhancement using a phospholipid-containing echocontrast agent. *Stroke* 1997;28(5):1006-8.

12. **Seidel G**, Kaps M. Harmonic imaging of the vertebrobasilar system. *Stroke* 1997;28:1610-3.

1996

11. **Seidel G**, Gerriets T, Kaps M, Missler U. Dislocation of the third ventricle due to space-occupying stroke evaluated by transcranial duplex sonography. *J Neuroimaging* 1996;6(4):227-30.

10. **Seidel G**, Beller KD, Kaps M. Pharmacokinetic studies of different echocontrast agents in the cerebral circulation of dogs. *Ultrasound Med Biol* 1996;22(8):1037-42.

9. Kaps M, **Seidel G**, Gerriets T, Traupe H. Transcranial duplex monitoring discloses hemorrhagic complication following rt-PA thrombolysis. *Acta Neurol Scand* 1996;93(1):61-3.

8. Niemann S, Beck M, **Seidel G**, Spranger J, Vieregge P. Neurology of adult alpha-mannosidosis. *J Neurol Neurosurg Psychiatry*. 1996;61(1):116-7.

1995

7. Kaps M, Schaffer P, Beller KD, **Seidel G**, Bliesath H, Wurst W. Phase I: transcranial echo contrast studies in healthy volunteers. *Stroke* 1995;26(11):2048-52.

6. **Seidel G**, Kaps M, Gerriets T. Potential and limitations of transcranial colorcoded sonography in stroke patients. *Stroke* 1995;26(11):2061-6.

5. Kaps M, **Seidel G**, Dorndorf W. [Current status of transcranial color duplex ultrasound in the adult]. *Ultraschall Med* 1995;16(2):50-9.
4. **Seidel G**, Kaps M, Gerriets T, Hutzelmann A. Evaluation of the ventricular system in adults by transcranial duplex sonography. *J Neuroimaging* 1995;5(2):105-8.
3. Kaps M, **Seidel G**, Berg J. Is there a hemispheric side preference of cardiac valvular emboli? *Ultrasound Med Biol* 1995;21(6):753-6.

1993

2. **Seidel G**, Kaps M, Dorndorf W. Transcranial color-coded duplex sonography of intracerebral hematomas in adults. *Stroke* 1993;24(10):1519-27.

1992

1. Kaps M, **Seidel G**, Bauer T, Behrmann B. Imaging of the intracranial vertebrobasilar system using color-coded ultrasound. *Stroke* 1992;23(11):1577-82.

weitere Publikationen (Übersichten, Buchkapitel, Buch, nicht PubMed gelistete Zeitschriften)

29. Walid H, Heßelmann V, **Seidel G**. COVID-19-assoziiertes Hirninfarkt. *Hamburger Ärzteblatt* 2022;3:30-31
28. Müller M, Hesselmann V, Schneppenheim S, **Seidel G**. Sinusvenenthrombose nach SARS-CoV-2-Impfung. *Hamburger Ärzteblatt* 2021;6:32-3
27. Zhou L, Neuwirth J, Hesselmann V, **Seidel G**. Tolosa-Hunt -Syndrom bei M. Ormond? *Hamburger Ärzteblatt* 2020;5:34-35
26. Wienecke J, Kücken D, Berger H, Hansen N, Heßelmann V, **Seidel G**. Simulationstraining für den akuten Schlaganfall in der Neurologie - Positiv für Mitarbeiter und Patienten. *Hamburger Ärzteblatt* 2020;4:24-25
25. Schöps C, Frank G, Seidel G. Schmerzen beim Parkinson-Syndrom. *Hamburger Ärzteblatt* 2019;11:29
24. Seidel G, Hesselmann V, Lorenzen J. Creutzfeldt-Jakob-Erkrankung. *Hamburger Ärzteblatt* 2019:25
23. *Stroke XXS pocket*. Seidel G., Jauß M. Verlag: Börm Bruckmeier; 4. Auflage (2019).
22. Kapitel 1.13 – Echokontrastverstärkung und Bubble-Technologie. Referenz-Reihe Neurologie, Sonografie in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz, von Büdingen), Thieme Verlag, 2017

21. Kapitel 15.9 – Hirnparenchyembefund beim akuten Schlaganfall. Referenz-Reihe Neurologie, Sonografie in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz, von Büdingen), Thieme Verlag, 2017
20. Kapitel 12 - Stenosen und Verschlüsse der intrakraniellen Hirnarterien, Referenz-Reihe Neurologie, Sonografie in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz, von Büdingen), Thieme Verlag, 2017
19. Stroke XXS pocket. Seidel G., Jauß M. Verlag: Börm Bruckmeier; 3. Auflage (2016).
18. Seidel G, Eggers L, Kücken D, Zukunft E, Töpfer R, Majewski A, Klose K, Terborg C, Klass I, Debacher U. Qualitätssicherung in der Frührehabilitation nach schwerem Schlaganfall. Hamburger Ärzteblatt 2016;12:28-29
17. Extrakranielle hirnversorgende Arterien. C. Arning, G. Seidel. In Farbkodierte Duplexsonografie. Hsg. Stiegler/Kubale/Weskott, Georg Thieme Verlag 2015 (ISBN 9783131286529)
16. Gehirn und intrazerebrale Gefäße. G. Seidel, C. Arning In Farbkodierte Duplexsonografie. Hsg. Stiegler/Kubale/Weskott, Georg Thieme Verlag 2015 (ISBN 9783131286529)
15. Vieweg H, Mager A-K, Fresow R, Lorenzen J, Seidel G, Hesselmann V. Der Fornixinfarkt als seltene Ursache einer anterograden Amnesie. Hamburger Ärzteblatt 2015;6:28-29
14. Stroke XXS pocket. Seidel G., Jauß M. Verlag: Börm Bruckmeier; 2. Auflage (Januar 2014). ISBN-10: 389862594X ISBN-13: 978-3898625944.
13. Ultrasound and other noninvasive techniques used in monitoring cerebrovascular disease. Seidel, G. in Stefan Schwab, Daniel Hanley, A. David Mendelow: Critical care of the stroke patient. Cambridge University Press, 2014. ISBN 978-0-521-76256-4.
12. Farbduplexsonografie – Steal-Phänomene der Hirnarterien. Seidel, G. In Neurotransmitter 2013;24(12):35-37.
11. Thrombose / Embolie XXS pocket. Haas S., Giesler T., Jauß M., Schaefer Chr. Seidel G., Ruß A. Verlag: Börm Bruckmeier; 2. Auflage (Dezember 2013) ISBN: 978-3-89862-553-1.
10. Sinusthrombose. Wie macht sie sich bemerkbar, und wie wird die Diagnose gesichert? Seidel, G. In Internistische Praxis 2011;51:573-581.
9. Imagerie ultrasonore de la perfusion cerebrale, traduit de l'anglais par P. Palanchon. Seidel G, Meyer K. In Echographie de contraste. Ed. Tranquart F, Correas JM, Bouakaz A. Springer Verlag 2007. ISBN : 978-2-287-33294-4.
8. Schlaganfall und Rehabilitation. Lehrbuch der Evidenz-basierten Medizin in Klinik und Praxis. Seidel G. (Ed. Kunz R, Ollenschläger G, Raspe H, Jonitz G,

Donner-Banhoff N) Deutscher Ärzteverlag (ISBN 978-3-7691-0538-4)

7. Acute Stroke: Perfusion Imaging. Handbook on Neurovascular Ultrasound. Seidel G, Meyer-Wiethe K. (Ed. RW Baumgartner) Karger 2006

6. Die isolierte Vaskulitis des ZNS. Vaskulitis. Seidel G. Hsg Reinhold-Keller E. Steinkopf Verlag 2005, ISBN 3-7985-1474-7)

5. Kapitel 9 Stenosen und Verschlüsse der intrakraniellen Hirnarterien, Referenz-Reihe Neurologie – Ultraschall in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz), Thieme Verlag, Oktober 2004

4. Kapitel 11 Stenosen und Verschlüsse des vertebrobasilären Systems, Referenz-Reihe Neurologie – Ultraschall in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz), Thieme Verlag, Oktober 2004

3. Kapitel 14 Echokontrastverstärker „Parenchymperfusion, Referenz-Reihe Neurologie – Ultraschall in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz), Thieme Verlag, Oktober 2004

2. Kapitel 19 B-Bild Sonographie des Hirnparenchyms – Pathologische Befunde, Referenz-Reihe Neurologie – Ultraschall in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz), Thieme Verlag, Oktober 2004

1. Kapitel 21.1 Parenchymperfusion, Referenz-Reihe Neurologie – Ultraschall in der Neurologie. Seidel G. (Hsg. Kaps, von Reutern, Stolz), Thieme Verlag, Oktober 2004