

## XI Literatur

- <sup>1</sup> European Stroke Council, European Neurological Society and European Federation of Neurological Societies. *European Stroke Initiative recommendations for stroke management*. Cerebrovasc Dis 2000; 10:335-51.
- <sup>2</sup> Sacco RL. Risk factors, outcomes, and stroke subtypes for ischemic stroke. Neurology 1997; 49:S39-44.
- <sup>3</sup> Statistisches Bundesamt Deutschland 2003.
- <sup>4</sup> Argentino C, Toni D, Rasura M, Violi F, Sacchetti ML, Allegretta A, Balsano F, Fieschi C. Circadian variation in the frequency of ischemic stroke. Stroke 1990; 21:387-9.
- <sup>5</sup> Willich SN, MacLure M, Mittleman M, Arntz HR, Muller JE. Sudden cardiac death. Support for a role of triggering in causation. Circulation 1993; 87:1442-50.
- <sup>6</sup> Copinschi G, Van Reeth O, Van Cauter E. [Biologic rhythms. Nycteral variation in man]. Presse Med 1999; 28:936-41. [Abstract]
- <sup>7</sup> Copinschi G, Van Reeth O, Van Cauter E. [Biologic rhythms. Circadian, ultradian and seasonal rhythm]. Presse Med 1999; 28:933-5. [Abstract]
- <sup>8</sup> Smolensky MH. Chronobiology and chronotherapeutics. Applications to cardiovascular medicine. Am J Hypertens 1996; 9:S11-21.
- <sup>9</sup> Mumenthaler, M., Mattle H.: *Neurologie*, Stuttgart 1997.
- <sup>10</sup> Tong, D. *Stroke awareness*, Stanford Stroke Center
- <sup>11</sup> Globus M, Melamed E, Keren A, Tzivoni D, Granot C, Lavy S, Stern S. Effect of exercise on cerebral circulation. J Cereb Blood Flow Metab 1983; 3:287-90.
- <sup>12</sup> Hallett M, Dubinsky RM, Zeffiro T, Bierner SM. Comparison of glucose metabolism and cerebral blood flow during cortical motor activation. J Neuroimaging 1994; 4:1-5. [Abstract]
- <sup>13</sup> Colebatch JG, Deiber MP, Passingham RE, Friston KJ, Frackowiak RS. Regional cerebral blood flow during voluntary arm and hand movements in human subjects. J Neurophysiol 1991; 65:1392-401. [Abstract]
- <sup>14</sup> Hilz MJ, Stemper , Heckmann JG, Neundörfer B. Mechanismen der zerebralen Autoregulation, Untersuchungsverfahren und Beurteilung mittels transkranieller Dopplersonographie. Fortschr Neurol Psychiat 2000; 68:39-412.
- <sup>15</sup> Franceschini R, Gandolfo C, Cataldi A, Del Sette M, Rolandi A, Corsini G, Rolandi E, Barreca T. Twenty-four-hour endothelin-1 secretory pattern in stroke patients. Biomed Pharmacother 2001; 55:272-6. [Abstract]
- <sup>16</sup> Dorndorf, W. *Schlaganfälle: Klinik und Therapie*. Stuttgart 1983, S. 27-35.
- <sup>17</sup> Paulson OB, Strandgaard S, Edvinsson L. Cerebral autoregulation. Cerebrovasc Brain Metab Rev 1990; 2:161-92.
- <sup>18</sup> Gottsten, U. Wien klin Wschr 1969; 81:441.
- <sup>19</sup> Barry D. Cerebral blood flow in hypertension. J Cardiovasc Pharmacol 1985; 7:S94-8.
- <sup>20</sup> Ameriso SF, Mohler JG, Suarez M, Fisher M. Morning reduction of cerebral vasomotor reactivity. Neurology 1994; 44:1907-9.
- <sup>21</sup> Placidi F, Diomedi M, Cupini LM, Bernardi G, Silvestrini M. Impairment of daytime cerebrovascular reactivity in patients with obstructive sleep apnoea syndrome. J Sleep Res 1998; 7):288-92.
- <sup>22</sup> Willich SN. Epidemiologic studies demonstrating increased morning incidence of sudden cardiac death. Am J Cardiol 1990; 66:15G-17G.
- <sup>23</sup> Willich SN, Lowel H, Lewis M, Arntz R, Baur R, Winther K, Keil U, Schroder R. Association of wake time and the onset of myocardial infarction. Triggers and mechanisms of myocardial infarction (TRIMM) pilot study. TRIMM Study Group. Circulation 1991; 84:VI62-7.

- <sup>24</sup> **Willich SN**, Goldberg RJ, Maclure M, Perriello L, Muller JE. *Increased onset of sudden cardiac death in the first three hours after awakening*. Am J Cardiol 1992; 70:65-8.
- <sup>25</sup> **Gnecchi-Ruscone T, Piccaluga E**, Guzzetti S, Contini M, Montano N, Nicolis E. *Morning and Monday: critical periods for the onset of acute myocardial infarction. The GISSI 2 Study experience*. Eur Heart J 1994; 15:882-7.
- <sup>26</sup> **Krantz DS, Kop WJ**, Gabbay FH, Rozanski A, Barnard M, Klein J, Pardo Y, Gottdiener JS. *Circadian variation of ambulatory myocardial ischemia. Triggering by daily activities and evidence for an endogenous circadian component*. Circulation 1996; 93:1364-71.
- <sup>27</sup> **Goldberg RJ**, Brady P, Muller JE, Chen ZY, de Groot M, Zonneveld P, Dalen JE. *Time of onset of symptoms of acute myocardial infarction*. Am J Cardiol 1990; 66:140-4.
- <sup>28</sup> **Peters RW**, Zoble RG, Liebson PR, Pawitan Y, Brooks MM, Proschan M. Identification of a secondary peak in myocardial infarction onset 11 to 12 hours after awakening: the Cardiac Arrhythmia Suppression Trial (CAST) experience. J Am Coll Cardiol 1993; 22:998-1003.
- <sup>29</sup> **Spielberg C**, Falkenhahn D, Willich SN, Wegscheider K, Voller H. *Circadian, day-of-week, and seasonal variability in myocardial infarction: comparison between working and retired patients*. Am Heart J 1996; 132:579-85.
- <sup>30</sup> **Mittleman MA**, Maclure M, Tofler GH, Sherwood JB, Goldberg RJ, Muller JE. *Triggering of acute myocardial infarction by heavy physical exertion. Protection against triggering by regular exertion*. Determinants of Myocardial Infarction Onset Study Investigators. N Engl J Med 1993; 329:1677-83.
- <sup>31</sup> **Mittleman MA**, Maclure M, Sherwood JB, Mulry RP, Tofler GH, Jacobs SC, Friedman R, Benson H, Muller JE. *Triggering of acute myocardial infarction onset by episodes of anger*. Determinants of Myocardial Infarction Onset Study Investigators. Circulation 1995; 92:1720-5.
- <sup>32</sup> **Muller JE**. Circadian variation and triggering of acute coronary events. Am Heart J 1999; 137:S1- S8.
- <sup>33</sup> **Muller JE**. Sexual activity as a trigger for cardiovascular events: what is the risk? Am J Cardiol 1999; 84:2N-5N.
- <sup>34</sup> **Brown DL**. Disparate effects of the 1989 Loma Prieta and 1994 Northridge earthquakes on hospital admissions for acute myocardial infarction: importance of superimposition of triggers. Am Heart J 1999; 137:830-6.
- <sup>35</sup> **Suzuki S**, Sakamoto S, Koide M, Fujita H, Sakuramoto H, Kuroda T, Kintaka T, Matsuo T. *Hanshin-Awaji earthquake as a trigger for acute myocardial infarction*. Am Heart J 1997; 134:974-7.
- <sup>36</sup> **Miric D**, Culic V, Giunio L, Bozic I, Fabijanic D, Glavas D. [Epidemiologic characteristics of patients with myocardial infarct in the region of Split during the period of war in the homeland] [Article in Croatian] Lijec Vjesn 2002; 124:243-6. [Abstract]
- <sup>37</sup> **Meisel SR**, Kutz I, Dayan KI, Pauzner H, Chetboun I, Arbel Y, David D. *Effect of Iraqi missile war on incidence of acute myocardial infarction and sudden death in Israeli civilians*. Lancet 1991; 338:660-1.
- <sup>38</sup> **Smith M**, Little WC. *Potential precipitating factors of the onset of myocardial infarction*. Am J Med Sci 1992; 303:141-4.
- <sup>39</sup> **Tofler GH**, Brezinski D, Schafer AI, Czeisler CA, Rutherford JD, Willich SN, Gleason RE, Williams GH, Muller JE. *Concurrent morning increase in platelet aggregability and the risk of myocardial infarction and sudden cardiac death*. N Engl J Med 1987; 316:1514-8.
- <sup>40</sup> **Kiowski W**, Osswald S. *Circadian variation of ischemic cardiac events*. J Cardiovasc Pharmacol 1993; 21:S45-8.
- <sup>41</sup> **Tanaka T**, Fujita M, Fudo T, Tamaki S, Nohara R, Sasayama S. *Modification of the circadian variation of symptom onset of acute myocardial infarction in diabetes mellitus*. Coron Artery Dis 1995; 6:241-4.
- <sup>42</sup> **Fava S**, Azzopardi J, Muscat HA, Fenech FF. *Absence of circadian variation in the onset of acute myocardial infarction in diabetic subjects*. Br Heart J 1995; 74:370-2.

- <sup>43</sup> **Willich SN**, Linderer T, Wegscheider K, Leizorovicz A, Alamercery I, Schroder R. Increased morning incidence of myocardial infarction in the ISAM Study: absence with prior beta-adrenergic blockade. ISAM Study Group. Circulation 1989; 80:853-8.
- <sup>44</sup> **Muller JE**, Stone PH, Turi ZG, Rutherford JD, Czeisler CA, Parker C, Poole WK, Passamani E, Roberts R, Robertson T, et al. *Circadian variation in the frequency of onset of acute myocardial infarction*. N Engl J Med 1985; 313:1315-22.
- <sup>45</sup> **Muller JE**, Tofler GH, Stone PH. *Circadian variation and triggers of onset of acute cardiovascular disease*. Circulation 1989; 79:733-43.
- <sup>46</sup> **Johnstone MT**, Mittleman M, Tofler G, Muller JE. *The pathophysiology of the onset of morning cardiovascular events*. Am J Hypertens 1996; 9:22S-28S.
- <sup>47</sup> **Ridker PM**, Manson JE, Buring JE, Muller JE, Hennekens CH. *Circadian variation of acute myocardial infarction and the effect of low-dose aspirin in a randomized trial of physicians*. Circulation 1990; 82:897-902.
- <sup>48</sup> **Willich SN**, Lowel H, Lewis M, Hormann A, Arntz HR, Keil U. *Weekly variation of acute myocardial infarction. Increased Monday risk in the working population*. Circulation 1994; 90:87-93.
- <sup>49</sup> **Nicolau GY**, Haus E, Popescu M, Sackett-Lundeen L, Petrescu E. *Circadian, weekly, and seasonal variations in cardiac mortality, blood pressure, and catecholamine excretion*. Chronobiol Int 1991; 8:149-59.
- <sup>50</sup> **van der Palen J**, Doggen CJ, Beaglehole R. *Variation in the time and day of onset of myocardial infarction and sudden death*. N Z Med J 1995; 108:332-4.
- <sup>51</sup> **Nicolau GY**, Haus E, Popescu M, Sackett-Lundeen L, Petrescu E. *Circadian, weekly, and seasonal variations in cardiac mortality, blood pressure, and catecholamine excretion*. Chronobiol Int 1991; 8:149-59.
- <sup>52</sup> **Spencer FA**, Goldberg RJ, Becker RC, Gore JM. *Seasonal distribution of acute myocardial infarction in the second National Registry of Myocardial Infarction*. J Am Coll Cardiol 1998; 31:1226-33.
- <sup>53</sup> **Sharovsky R**, Ce sar LA. *Increase in mortality due to myocardial infarction in the Brazilian city of Sao Paulo during winter*. Arq Bras Cardiol 2002; 78:106-9.
- <sup>54</sup> **Ornato JP**, Peberdy MA, Chandra NC, Bush DE. *Seasonal pattern of acute myocardial infarction in the National Registry of Myocardial Infarction*. J Am Coll Cardiol 1996; 28:1684-8.
- <sup>55</sup> **Sayer JW**, Wilkinson P, Ranjadayalan K, Ray S, Marchant B, Timmis AD. *Attenuation or absence of circadian and seasonal rhythms of acute myocardial infarction*. Heart 1997; 77:325-9.
- <sup>56</sup> **Crawford VL**, McCann M, Stout RW. *Changes in seasonal deaths from myocardial infarction*. QJM 2003; 96:45-52.
- <sup>57</sup> **Pasqualetti P**, Natali G, Casale R, Colantonio D. *Epidemiological chronorisk of stroke*. Acta Neurol Scand 1990; 81:71-4.
- <sup>58</sup> **Marshall J**. *Diurnal variation in occurrence of strokes*. Stroke 1977; 8:230-1.
- <sup>59</sup> **Elliott WJ**. Circadian variation in the timing of stroke onset: a meta-analysis. Stroke 1998; 29:992-6.
- <sup>60</sup> **Kaps M**, Busse O, Hofmann O. [Circadian frequency distribution of cerebral ischemic attacks]. Nervenarzt 1983; 54:655-7.
- <sup>61</sup> **Tsementzis SA**, Gill JS, Hitchcock ER, Gill SK, Beevers DG. *Diurnal variation of and activity during the onset of stroke*. Neurosurgery 1985; 17:901-4.
- <sup>62</sup> **van der Windt C**, van Gijn J. *Cerebral infarction does not occur typically at night*. J Neurol Neurosurg Psychiatry 1988; 51:109-11.
- <sup>63</sup> **Arboix A**, Martí-Vilalta JL. *Ritmo nictemeral y patología vascular cerebral. Estudio clínico prospectivo de 206 pacientes*. Med Clin (Barc) 1988; 90:358-61.
- <sup>64</sup> **Marler JR**, Price TR, Clark GL, Muller JE, Robertson T, Mohr JP, Hier DB, Wolf PA, Caplan LR, Foulkes MA. *Morning increase in onset of ischemic stroke*. Stroke 1989; 20:473-6.

- <sup>65</sup> **Argentino C**, Toni D, Rasura M, Violi F, Sacchetti ML, Allegretta A, Balsano F, Fieschi C. *Circadian variation in the frequency of ischemic stroke*. Stroke 1990; 21:387-9.
- <sup>66</sup> **Toni D**, Argentino C, Gentile M, Sacchetti ML, Girmenia F, Millefiorini E, Fieschi C. *Circadian variation in the onset of acute cerebral ischemia: ethiopathogenetic correlates in 80 patients given angiography*. Chronobiol Int 1991; 8:321-6.
- <sup>67</sup> **Wroe SJ**, Sandercock P, Bamford J, Dennis M, Slattery J, Warlow C. *Diurnal variation in incidence of stroke: Oxfordshire community stroke project*. BMJ 1992; 304:155-7.
- <sup>68</sup> **Ricci S**, Celani MG, Vitali R, La Rosa F, Righetti E, Duca E. *Diurnal and seasonal variations in the occurrence of stroke: a community-based study*. Neuroepidemiology 1992; 11:59-64.
- <sup>69</sup> **Pardiwalla FK**, Yeolekar ME, Bakshi SK. *Circadian rhythm in acute stroke*. J Assoc Physicians India 1993 Apr; 41:203-4 [Abstract]
- <sup>70</sup> **Gallerani M**, Manfredini R, Ricci L, Cocurullo A, Goldoni C, Bigoni M, Fersini C. *Chronobiological aspects of acute cerebrovascular diseases*. Acta Neurol Scand 1993; 87:482-7.
- <sup>71</sup> **Roberts MA**, Opare-Sem OK, Acheampong JW. *The diurnal variation of stroke in Ghana*. Trop Doct 1994 Oct; 24:155-7.
- <sup>72</sup> **Hayashi S**, Toyoshima H, Tanabe N, Miyanishi K. Daily peaks in the incidence of sudden cardiac death and fatal stroke in Niigata Prefecture. Jpn Circ J 1996 Apr; 60:193-200.
- <sup>73</sup> **Lago A**, Geffner D, Tembl J, Landete L, Valero C, Baquero M. *Circadian variation in acute ischemic stroke:a hospital-based study*. Stroke 1998 Sep; 29:1873-5.
- <sup>74</sup> **Kamei I**, Obayashi S, Nakagawa M, Nishibayashi H, Kuwata T, Hyotani G, Yabumoto M, Kuriyama T, Itakura T, Komai N. *When do strokes occur? – analysis of diurnal variation and activity during the onset*. No Shinkei Geka 1998; 26:991-8. [Abstract]
- <sup>75</sup> **Chaturvedi S**, Adams HP Jr, Woolson RF. *Circadian variation in ischemic stroke subtypes*. Stroke 1999; 30:1792-5.
- <sup>76</sup> **Markova T**, Vasileva T, Naidenov V. *Some chronobiological characteristics of cerebral strokes*. Folia Med (Plovdiv) 1999; 41:49-56. [Abstract]
- <sup>77</sup> **Cheung RT**, Mak W, Chan KH. *Circadian variation of stroke onset in Hong Kong Chinese: a hospital-based study*. Cerebrovasc Dis 2001; 12:1-6.
- <sup>78</sup> **Bhalla A**, Singh R, Sachdev A, D'Cruz S, Duseja A. *Circadian pattern in cerebro vascular disorders*. Neurol India. 2002 Dec; 50(4):526-7.[Abstract]
- <sup>79</sup> **Casetta I**, Granieri E, Fallica E, la Cecilia O, Paolino E, Manfredini R. *Patient demographic and clinical features and circadian variation in onset of ischemic stroke*. Arch Neurol 2002; 59:48-53.
- <sup>80</sup> **Spengos K**, Vemmos KN, Tsivgoulis G, Synetos A, Zakopoulos NA, Zis VP, Vassilopoulos D. *Two-peak temporal distribution of stroke onset in Greek patients. a hospital-based study*. Cerebrovasc Dis 2003; 15:70-7.
- <sup>81</sup> **Marsh EE 3d**, Biller J, Adams HP Jr, Marler JR, Hulbert JR, Love BB, Gordon DL. *Circadian variation in onset of acute ischemic stroke*. Arch Neurol 1990; 47:1178-80.
- <sup>82</sup> **Haapaniemi H**, Hillbom M, Juvela S. *Weekend and holiday increase in the onset of ischemic stroke in young women*. Stroke 1996; 27:1023-7.
- <sup>83</sup> **Kelly-Hayes M**, Wolf PA, Kase CS, Brand FN, McGuirk JM, D'Agostino RB. *Temporal patterns of stroke onset. The Framingham Study*. Stroke 1995; 26:1343-7.
- <sup>84</sup> **Feigin VL**, Nikitin YP. Seasonal variation in the occurrence of ischemic stroke and subarachnoid hemorrhage in Siberia, Russia. A population-based study. Eur J Neurol 1998; 5:23-27.
- <sup>85</sup> **Jakovljevic D**, Salomaa V, Sivenius J, Tamminen M, Sarti C, Salmi K, Kaarsalo E, Narva V, Immonen-Raiha P, Torppa J, Tuomilehto J. *Seasonal variation in the occurrence of stroke in a Finnish adult population. The FINMONICA Stroke Register. Finnish Monitoring Trends and Determinants in Cardiovascular Disease*. Stroke 1996; 27:1774-9.

- <sup>86</sup> Kochanowicz J, Kulakowska A, Drozdowski W. [Seasonal variations in stroke incidence in North-Eastern Poland] (Article in polish). Neurol Neurochir Pol 1999; 33:1005-13. [Abstract]
- <sup>87</sup> Spengos K, Vemmos K, Tsivgoulis G, Manios E, Zakopoulos N, Mavrikakis M, Vassilopoulos D. Diurnal and seasonal variation of stroke incidence in patients with cardioembolic stroke due to atrial fibrillation. Neuroepidemiology 2003; 22:204-10.
- <sup>88</sup> Lanska DJ, Hoffmann RG. Seasonal variation in stroke mortality rates. Neurology 1999; 52:984-90.
- <sup>89</sup> Wang Y, Levi CR, Attia JR, D'Este CA, Spratt N, Fisher J. Seasonal variation in stroke in the Hunter Region, Australia: a 5-year hospital-based study, 1995-2000. Stroke 2003; 34:1144-50.
- <sup>90</sup> Jakovljevic D, Salomaa V, Sivenius J, Tamminen M, Sarti C, Salmi K, Kaarsalo E, Narva V, Immonen-Raiha P, Torppa J, Tuomilehto J. Seasonal variation in the occurrence of stroke in a Finnish adult population. The FINMONICA Stroke Register. Finnish Monitoring Trends and Determinants in Cardiovascular Disease. Stroke 1996; 27:1774-9.
- <sup>91</sup> Hannan MA, Rahman MM, Haque A, Ahmed HU. Stroke: seasonal variation and association with hypertension. Bangladesh Med Res Counc Bull 2001; 27:69-78. [Abstract]
- <sup>92</sup> Oberg AL, Ferguson JA, McIntyre LM, Horner RD. Incidence of stroke and season of the year: evidence of an association. Am J Epidemiol 2000; 152:558-64. [Abstract].
- <sup>93</sup> W. Dorndorf. Schlaganfälle: Klinik und Therapie. Stuttgart 1983, S. 5-6.
- <sup>94</sup> Salonen JT, Puska P, Tuomilehto J. Physical activity and risk of myocardial infarction, cerebral stroke and death: a longitudinal study in Eastern Finland. Am J Epidemiol 1982; 115:526-37.
- <sup>95</sup> Weiss N, Pietrzik K, Keller C. Atheroskleroserisikofaktor Hyperhomocysteinämie: Ursachen und Konsequenzen. Dtsch Med Wochenschr 1999; 124:1107-13.
- <sup>96</sup> Giles WH, Kittner SJ, Anda RF, Croft JB, Casper ML. Serum folate and risk for ischemic stroke. First National Health and Nutrition Examination Survey epidemiologic follow-up study. Stroke 1995; 26:1166-70.
- <sup>97</sup> Meschia JF, Atkinson EJ, O'Brien PC, Brott TG, Brown RD Jr, Hardy J. Familial clustering of stroke according to proband age at onset of presenting ischemic stroke. Stroke 2003; 34:89-91.
- <sup>98</sup> Jerrard-Dunne P, Cloud G, Hassan A, Markus HS. Evaluating the genetic component of ischemic stroke subtypes: a family history study. Stroke 2003; 34:1364-9.
- <sup>99</sup> Liao D, Myers R, Hunt S, Shahar E, Paton C, Burke G, Province M, Heiss G. Familial history of stroke and stroke risk. The Family Heart Study. Stroke 1997; 28:1908-12.
- <sup>100</sup> Shaper A, Phillips S., Pocock S.: Risk factors for stroke in middle-aged British men. Br Med J 1991; 302:1111-1115
- <sup>101</sup> Palmer AJ, Bulpitt CJ, Fletcher AE, Beevers DG, Coles EC, Ledingham JG, O'Riordan PW, Petrie JC, Rajagopalan BE, Webster J, et al. Relation between blood pressure and stroke mortality. Hypertension 1992; 20:601-5.
- <sup>102</sup> Cholesterol, diastolic blood pressure, and stroke: 13,000 strokes in 450,000 people in 45 prospective cohorts. Prospective studies collaboration. Lancet 1995; 346:1647-53.
- <sup>103</sup> Neutel JM, Smith DH. The circadian pattern of blood pressure: cardiovascular risk and therapeutic opportunities. Curr Opin Nephrol Hypertens 1997; 6:250-6.
- <sup>104</sup> Baumgart P. Circadian rhythm of blood pressure: internal and external time triggers. Chronobiol Int 1991; 8:444-50.
- <sup>105</sup> Millar-Craig MW, Bishop CN, Raftery EB. Circadian variation of blood-pressure. Lancet 1978 15; 1:795-7.
- <sup>106</sup> Sindrup JH, Kastrup J, Christensen H, Jorgensen B. Nocturnal variations in peripheral blood flow, systemic blood pressure, and heart rate in humans. Am J Physiol 1991; 261:H982-8.
- <sup>107</sup> Zulch KJ, Hossmann V. [On the 24-hour rhythm of human blood pressure] Dtsch Med Wochenschr 1967; 92:567-72.

- <sup>108</sup> **Tominaga M**, Tsuchihashi T, Kinoshita H, Abe I, Fujishima M. *Disparate circadian variations of blood pressure and body temperature in bedridden elderly patients with cerebral atrophy*. Am J Hypertens 1995; 8:773-81.
- <sup>109</sup> **Shimada K**, Kawamoto A, Matsubayashi K, Nishinaga M, Kimura S, Ozawa T. *Diurnal blood pressure variations and silent cerebrovascular damage in elderly patients with hypertension*. J Hypertens 1992; 10:875-8.
- <sup>110</sup> **Tohgi H**, Chiba K, Kimura M. *Twenty-four-hour variation of blood pressure in vascular dementia of the Binswanger type*. Stroke 1991; 22:603-8.
- <sup>111</sup> **Suzuki Y**, Kuwajima I, Mitani K, Miyao M, Uno A, Matsushita S, Kuramoto K. [The relation between blood pressure variation and daily physical activity in early morning surge in blood pressure][Article in Japanese] Nippon Ronen Igakkai Zasshi 1993; 30:841-8.[Abstract]
- <sup>112</sup> **Kario K**, Pickering TG, Umeda Y, Hoshide S, Hoshide Y, Morinari M, Murata M, Kuroda T, Schwartz JE, Shimada K. Morning surge in blood pressure as a predictor of silent and clinical cerebrovascular disease in elderly hypertensives: a prospective study. Circulation 2003; 107:1401-6.
- <sup>113</sup> **Elliott WJ**. *Circadian variation in blood pressure: implications for the elderly patient*. Am J Hypertens 1999; 12:43S-49S.
- <sup>114</sup> **Imai Y**, Tsuji I, Nagai K, Watanabe N, Ohkubo T, Sakuma M, Hashimoto J, Itoh O, Satoh H, Hisamichi S, Abe K. *Circadian blood pressure variation related to morbidity and mortality from cerebrovascular and cardiovascular diseases*. Ann N Y Acad Sci 1996; 783:172-85.
- <sup>115</sup> **Black HR**, Elliott WJ, Grandits G, Grambsch P, Lucente T, White WB, Neaton JD, Grimm RH Jr, Hansson L, Lacourciere Y, Muller J, Sleight P, Weber MA, Williams G, Wittes J, Zanchetti A, Anders RJ; CONVINCE Research Group. *Principal results of the Controlled Onset Verapamil Investigation of Cardiovascular End Points (CONVINCE) trial*. JAMA 2003; 289:2073-82.
- <sup>116</sup> **Millar-Craig MW**, Mann S, Balasubramanian V, Altman DG, Raftery EB. *Circadian rhythms in hypertension*. Scott Med J 1981; 26:309-14.
- <sup>117</sup> **Drayer JI**, Weber MA, Nakamura DK. *Automated ambulatory blood pressure monitoring: a study in age-matched normotensive and hypertensive men*. Am Heart J 1985; 109:1334-8.
- <sup>118</sup> **Jumabay M**, Ozawa Y, Kawamura H, Saito S, Izumi Y, Mitsubayashi H, Kasamaki Y, Nakayama T, Mahmut M, Cheng Z, Wang S, Kanmatsuse K. *Ambulatory blood pressure monitoring in Uygur centenarians*. Circ J 2002; 66:75-9.
- <sup>119</sup> **Bertinieri G**, Grassi G, Rossi P, Meloni A, Ciampa M, Annoni G, Vergani C, Mancia G. *24-hour blood pressure profile in centenarians*. J Hypertens 2002; 20:1765-9.
- <sup>120</sup> **Spieker C**, Wienecke M, Grottemeyer KH, Suss M, Barenbrock M, Zierden E, Rahn KH, Zidek W. *Circadian blood pressure rhythms in elderly hypertensive patients*. J Int Med Res 1991; 19:342-7.
- <sup>121</sup> **Cugini et al.** in :**Dunbar SB, Farr L**. *Temporal patterns of heart rate and blood pressure in elders*. Nurs Res 1996; 45:43-9.
- <sup>122</sup> **Abitbol G**, Reinberg A, Mechkouri M. *Variability in the period of the blood pressure circadian rhythm in human beings*. Chronobiol Int 1997 May; 14:307-17.
- <sup>123</sup> **Staessen J**, Bulpitt CJ, O'Brien E, Cox J, Fagard R, Stanton A, Thijs L, Van Hulle S, Vyncke G, Amery A. *The diurnal blood pressure profile. A population study*. Am J Hypertens 1992; 5:386-92.
- <sup>124</sup> **Lusardi P**, Zoppi A, Preti P, Pesce RM, Piazza E, Fogari R. *Effects of insufficient sleep on blood pressure in hypertensive patients: a 24-h study*. Am J Hypertens 1999; 12:63-8.
- <sup>125</sup> **Minemura H**, Akashiba T, Yamamoto H, Akahoshi T, Kosaka N, Horie T. *Acute effects of nasal continuous positive airway pressure on 24-hour blood pressure and catecholamines in patients with obstructive sleep apnea*. Intern Med. 1998 Dec; 37:1009-13.
- <sup>126</sup> **Kristal-Boneh E**, Harari G, Green MS, Ribak J. *Summer-winter variation in 24 h ambulatory blood pressure*. Blood Press Monit 1996; 1:87-94.

- <sup>127</sup> **Brennan PJ**, Greenberg G, Miall WE, Thompson SG. *Seasonal variation in arterial blood pressure*. Br Med J (Clin Res Ed) 1982; 285:919-23.
- <sup>128</sup> **Giaconi S**, Ghione S, Palombo C, Genovesi-Ebert A, Marabotti C, Fommei E, Donato L. *Seasonal influences on blood pressure in high normal to mild hypertensive range*. Hypertension 1989; 14:22-7.
- <sup>129</sup> **Miquel A**, Martinez MA, Vendrell JJ, Hidalgo Y, Nevado A, Puig JG; Grupo de Trabajo MAPA-Madrid. [Seasonal blood pressure changes in mild hypertension][Article in Spanish] Med Clin (Barc). 2001; 117:372-4.
- <sup>130</sup> **Kukla C**, Sander D, Schwarze J, Wittich I, Klingelhofer J. *Changes of circadian blood pressure patterns are associated with the occurrence of lacunar infarction*. Arch Neurol 1998; 55:683-8.
- <sup>131</sup> **Verdecchia P**, Schillaci G, Gatteschi C, Zampi I, Battistelli M, Bartoccini C, Porcellati C. *Blunted nocturnal fall in blood pressure in hypertensive women with future cardiovascular morbid events*. Circulation 1993; 88:986-92.
- <sup>132</sup> **Ohkubo T**, Imai Y, Tsuji I, Nagai K, Watanabe N, Minami N, Kato J, Kikuchi N, Nishiyama A, Aihara A, Sekino M, Satoh H, Hisamichi S. *Relation between nocturnal decline in blood pressure and mortality. The Ohasama Study*. Am J Hypertens 1997; 10:1201-7.
- <sup>133</sup> **Kario K**, Pickering TG, Matsuo T, Hoshide S, Schwartz JE, Shimada K. *Stroke prognosis and abnormal nocturnal blood pressure falls in older hypertensives*. Hypertension 2001; 38:852-7.
- <sup>134</sup> **Staessen JA**, Bieniaszewski L, O'Brien E, Gosse P, Hayashi H, Imai Y, Kawasaki T, Otsuka K, Palatini P, Thijs L, Fagard R. *Nocturnal blood pressure fall on ambulatory monitoring in a large international database. The "Ad Hoc" Working Group*. Hypertension 1997; 29:30-9.
- <sup>135</sup> **Harshfield GA**, Hwang C, Grim C. *Circadian variation of blood pressure in blacks: influence of age, gender and activity*. J Hum Hypertens 1990; 4:43-47.
- <sup>136</sup> **Yamasaki F**, Schwartz JE, Gerber LM, Warren K, Pickering TG. *Impact of shift work and race/ethnicity on the diurnal rhythm of blood pressure and catecholamines*. Hypertension 1998; 32:417-23.
- <sup>137</sup> **del Arco-Galan C**, Suarez Fernandez C. [Nocturnal fall in arterial blood pressure in normotensive subjects: individual characteristic or the effect of daily activity?][Article in Spanish] Med Clin (Barc). 1994; 102:616-8.[Abstract]
- <sup>138</sup> **Kitamura T**, Onishi K, Dohi K, Okinaka T, Ito M, Isaka N, Nakano T. *Circadian rhythm of blood pressure is transformed from a dipper to a non-dipper pattern in shift workers with hypertension*. J Hum Hypertens 2002; 16:193-7.
- <sup>139</sup> **Uzu T**, Kimura G. *Diuretics shift circadian rhythm of blood pressure from nondipper to dipper in essential hypertension*. Circulation 1999; 100:1635-8.
- <sup>140</sup> **Marczewski K**, Krawczyk W, Grzywna R, Rozyc P, Jarosz M, Raszewski G, Klimek K. *Mikroproteinuria and circadian rhythm of blood pressure in patients with arterial hypertension*. Pol Arch Med Wewn 1996; 95:29-34. [Abstract.]
- <sup>141</sup> **Nielsen FS**, Hansen HP, Jacobson P, Rossing P, Smidt UM, Christensen NJ, Pevet P, Vivien-Roels B, Parving HH. *Increased sympathetic activity during sleep and nocturnal hypertension in Type 2 diabetic patients with diabetic nephropathy*. Diabet Med 1999; 16:555-62.
- <sup>142</sup> **Voros P**, Lengyel Z, Nagy V, Nemeth C, Rosivall L, Kammerer L. *Diurnal blood pressure variation and albumunuria in normotensive patients with insulin-dependent diabetes mellitus*. Nephrol Dial Transplant 1998; 13:2257-60.
- <sup>143</sup> **Ikeda T**, Matsubara T, Sato Y, Sakamoto N. *Circadian blood pressure variation in diabetic patients with autonomic neuropathy*. J Hypertension 1993; 11:581-587.
- <sup>144</sup> **Turaj W**, Slowik A, Wyrwicz-Petkow U, Pankiewicz J, Iskra T, Rudzinska M, Szczudlik A. *The prognostic significance of microalbuminuria in non-diabetic acute stroke patients*. Med Sci Monit. 2001; 7:989-94.

- 145 **Wallace JD**, Levy LL. *Blood pressure after stroke*. JAMA 1981; 246:2177-80.
- 146 **Lip GY**, Zarifis J, Farooqi IS, Page A, Sagar G, Beevers DG. *Ambulatory blood pressure monitoring in acute stroke*. The West Birmingham Stroke Project. Stroke 1997; 28:31-5.
- 147 **Dawson SL**, Evans SN, Manktelow BN, Fotherby MD, Robinson TG, Potter JF. *Diurnal blood pressure change varies with stroke subtype in the acute phase*. Stroke 1998; 29:1519-24.
- 148 **Panayiotou BN**, Taub NA, Fotherby MD. *Twenty-four-hour blood pressure profiles following stroke*. Blood Press Monit 1996; 1:409-414.[Abstract]
- 149 **Wang TL**, Chiang FT, Hsu KL, Tseng CD, Lee TK, Tseng YZ. *Abnormal circadian blood pressure changes in patients with acute cerebrovascular disorders*. J Formos Med Assoc 1997; 96:710-7.
- 150 **Yamamoto Y**, Akiguchi I, Oiwa K, Satoi H, Kimura J. *Diminished nocturnal blood pressure decline and lesion site in cerebrovascular disease*. Stroke 1995; 26:829-33.
- 151 **Fujishima S**, Abe I, Okada Y, Saku Y, Sadoshima S, Fujishima M. *Serial changes in blood pressure and neurohormone levels after the onset of lacunar stroke*. Angiology 1996; 47:579-87.
- 152 **Sander D**, Klingelhofer J. *Changes of circadian blood pressure patterns and cardiovascular parameters indicate lateralization of sympathetic activation following hemispheric brain infarction*. J Neurol 1995; 242:313-8.
- 153 **Sander D**, Klingelhofer J. *Changes of circadian blood pressure patterns after hemodynamic and thromboembolic brain infarction*. Stroke 1994; 25:1730-7.
- 154 **Pickering TG**, James GD. *Determinants and consequences of the diurnal rhythm of blood pressure*. Am J Hypertens 1993; 6:116-121.
- 155 **Candito M**, Pringuey D, Jacomet Y, Souetre E, Salvati E, Ardisson JL, Chambon P, Darcourt G. *Circadian rhythm in plasma noradrenaline of healthy sleep-deprived subjects*. Chronobiol Int 1992; 9:444-7.
- 156 **Schofl C**, Becker C, Prank K, von zur Muhlen A, Brabant G. *Twenty-four-hour rhythms of plasma catecholamines and their relation to cardiovascular parameters in healthy young men*. Eur J Endocrinol 1997; 137:675-83.
- 157 **Guasti L**, Marino F, Gaudio G, Cosentino M, Diolisi A, Bertolini A, Grandi AM, Lecchini S, Frigo G, Venco A. *Ambulatory blood pressure, nocturnal blood pressure reduction and plasma catecholamines*. Acta Cardiol 1997; 52:485-94.
- 158 **Talan MI**, Engel BT. *Effect of sympathetic blockade on diurnal variation of hemodynamic patterns*. Am J Physiol 1989; 256:R778-R785.
- 159 **van der Steen MS**, Lenders JW, den Arend J, Pieters GF, Thien T, de Leeuw PW. *Circulating adrenaline is not involved in the circadian blood pressure profile*. J Hypertens 1995; 13:1585-8.
- 160 **Imai Y**, Abe K, Miura Y, Nihei M, Sasaki S, Minami N, Munakata M, Taira N, Sekino H, Yamakoshi K, Yoshinaga K. *Hypertensive episodes and circadian fluctuations of blood pressure in patients with pheochromocytoma: studies by long term blood pressure monitoring based on a volume-oscillometric method*. J Hypertens 1988; 6:9-15.
- 161 **van Eps RG**, van den Meiracker AH, Boomsma F, Man in't Veld AJ, Schalekamp MA. *Diurnal variation of blood pressure in patients with catecholamine-producing tumors*. Am J Hypertens 1994; 7:492-7.
- 162 **Stern N**, Beahm E, McGinty D, Egguna P, Littner M, Nyby M, Catania R, Sowers JR. *Dissociation of 24-hour catecholamine levels from blood pressure in older men*. Hypertension 1985; 7:1023-9.
- 163 **Bondanelli M**, Ambrosio MR, Franceschetti P, Margutti A, Trasforini G, Degli Uberti EC. *Diurnal rhythm of plasma catecholamines in acromegaly*. J Clin Endocrinol Metab 1999; 84:2458-67.
- 164 **Mercuro G**, Zoncu S, Piano D, Pilia I, Lao A, Melis GB, Cherchi A. *Estradiol-17beta reduces blood pressure and restores the normal amplitude of the circadian blood pressure rhythm in postmenopausal hypertension*. Am J Hypertens 1998; 11:909-13.

- <sup>165</sup> **Kohno I**, Iwasaki H, Okutani M, Mochizuki Y, Sano S, Satoh Y, Ishihara T, Ishii H, Ijiri H, Komori S, Tamura K. Circadian blood pressure and heart rate profiles in normotensive patients with mild hyperthyroidism. *Chronobiol Int* 1998; 15:337-47.
- <sup>166</sup> **Bugge F**, Grau AJ, Hacke W. Die Behandlung von Risikofaktoren zur Primärprophylaxe zerebraler Ischämien. *Dtsch Med Wochenschr* 2001; 126:24-9.
- <sup>167</sup> **Grau AJ**, Weimar C, Bugge F, Heinrich A, Goertler M, Neumaier S, Glahn J, Brandt T, Hacke W, Diener HC. Risk factors, outcome, and treatment in subtypes of ischemic stroke: the German stroke data bank. *Stroke* 2001; 32:2559-66.
- <sup>168</sup> **Burchfiel CM**, Curb JD, Rodriguez BL, Abbott RD, Chiu D, Yano K. Glucose intolerance and 22-year stroke incidence. *The Honolulu Heart Program*. *Stroke* 1994; 25:951-7.
- <sup>169</sup> **Stolar MW**, Chilton RJ. Type 2 diabetes, cardiovascular risk, and the link to insulin resistance. *Clin Ther* 2003; 25:B4-31.
- <sup>170</sup> **Classen M**, Diehl V, Kochsieck K. *Innere Medizin*. München 1991, S. 779-96.
- <sup>171</sup> **Centers for Disease Control and Prevention (CDC)**. Self-reported heart disease and stroke among adults with and without diabetes--United States, 1999-2001. *MMWR* 2003; 52:1065-70.
- <sup>172</sup> **Tuomilehto J**, Rastenyte D, Jousilahti P, Sarti C, Virtainen E. Diabetes mellitus as a risk factor for death from stroke. Prospective study of the middle-aged Finnish population. *Stroke* 1996; 27:210-5.
- <sup>173</sup> **Fava S**, Azzopardi J, Muscat HA, Fenech FF. Absence of circadian variation in the onset of acute myocardial infarction in diabetic subjects. *Br Heart J* 1995; 74:370-2.
- <sup>174</sup> **Tanaka T**, Fujita M, Fudo T, Tamaki S, Nohara R, Sasayama S. Modification of the circadian variation of symptom onset of acute myocardial infarction in diabetes mellitus. *Coron Artery Dis* 1995; 6:241-4.
- <sup>175</sup> **Zarich S**, Waxman S, Freeman RT, Mittleman M, Hegarty P, Nesto RW. Effect of autonomic nervous system dysfunction on the circadian pattern of myocardial ischemia in diabetes mellitus. *J Am Coll Cardiol* 1994; 24:956-62.
- <sup>176</sup> **Rana JS**, Mukamal KJ, Morgan JP, Muller JE, Mittleman MA. Circadian variation in the onset of myocardial infarction: effect of duration of diabetes. *Diabetes* 2003; 52:1464-8.
- <sup>177</sup> **Cohen JA**, Estacio RO, Lundgren RA, Esler AL, Schrier RW. Diabetic autonomic neuropathy is associated with an increased incidence of strokes. *Auton Neurosci* 2003; 108:73-8.
- <sup>178</sup> **Toyr JP**, Niskanen LK, Lansimies EA, Partanen KP, Uusitupa MI. Autonomic neuropathy predicts the development of stroke in patients with non-insulin-dependent diabetes mellitus. *Stroke* 1996; 27:1316-8.
- <sup>179</sup> **Nielsen FS**, Rossing P, Bang LE, Svendsen TL, Gall MA, Smidt UM, Parving HH. On the mechanisms of blunted nocturnal decline in arterial blood pressure in NIDDM patients with diabetic nephropathy. *Diabetes* 1995; 44:783-9.
- <sup>180</sup> **Marczewski K**, Krawczyk W, Rozyc P, Raszewski G, Grzywna R, Klimek K. Day/night ratio of microproteinuria and blood pressure rhythm in type II diabetes. *Diabetes Res Clin Pract* 1996; 33:169-72.
- <sup>181</sup> **Voros P**, Lengyel Z, Nagy V, Nemeth C, Rosivall L, Kammerer L. Diurnal blood pressure variation and albuminuria in normotensive patients with insulin-dependent diabetes mellitus. *Nephrol Dial Transplant* 1998; 13:2257-60.
- <sup>182</sup> **Schultz CJ**, Neil HA, Dalton RN, Konopelska Bahu T, Dunger DB; Oxford Regional Prospective Study Group. Blood pressure does not rise before the onset of microalbuminuria in children followed from diagnosis of type 1 diabetes. Oxford Regional Prospective Study Group. *Diabetes Care* 2001; 24:555-60.

- 183 **Hogan D**, Lurbe E, Salabat MR, Redon J, Batlle D. *Circadian changes in blood pressure and their relationships to the development of microalbuminuria in type 1 diabetic patients*. Curr Diab Rep 2002; 2:539-44.
- 184 **Silbernagel S**, Despopoulos A. *dtv-Atlas der Physiologie*, München 1988, S. 74.
- 185 <http://www.oeh.univie.ac.at/medizin/lernunterlagen/Block05/Haemostase.pdf>
- 186 **Roche Lexikon Medizin**. 4. Auflage 1999
- 187 **Hollopeter G** et al. *Identification of the platelet ADP receptor targeted by antithrombotic drugs*. Nature 2001; 409:202-07
- 188 **Forth W**, Henschler D, Rummel W, Starke K. *Allgemeine und spezielle Pharmakologie und Toxikologie*. Mannheim 1992, S. 324.
- 189 **Forth W**, Henschler D, Rummel W, Starke K. *Allgemeine und spezielle Pharmakologie und Toxikologie*. Mannheim 1992, S. 451.
- 190 **Hohlfeld T**. *Clopidogrel*. Dtsch Med Wschr 2000; 125:939-40
- 191 <http://www.pharmazeutische-zeitung.de/79-99.htm>
- 192 **Weber M**, Hamm C. Akutes Koronarsyndrom ohne ST-Hebung – Therapie. Dtsch Med Wschr 2003; 128:273-76.
- 193 **Bauriedel G**, Skowasch D, Schneider M, Andrie R, Jabs A, Luderitz B. *Antiplatelet effects of angiotensin-converting enzyme inhibitors compared with aspirin and clopidogrel: a pilot study with whole-blood aggregometry*. Am Heart J 2003; 145:343-48.
- 194 **Brown NJ**, Agirbasli MA, Williams GH, Litchfield WR, Vaughan DE. *Effect of activation and inhibition of the renin-angiotensin system on plasma PAI-1*. Hypertension 1998; 32:965-71.
- 195 **PROGRESS Collaborative Group**. *Randomised trial of a perindopril-based blood-pressure-lowering regimen among 6,105 individuals with previous stroke or transient ischaemic attack*. Lancet 2001 29; 358:1033-41.
- 196 **Schrader J**, Luders S. *Preventing stroke*. BMJ 2002; 324:687-8.
- 197 **Haberl R** in: *Sonderband Aktuelle Neurologie* 2003, S32-35.
- 198 **Colman RW**, Hirsh J, et al. *Hemostasis and Thrombosis*. 3. Aufl. Philadelphia; J.B. Lippincott Company, 1994.
- 199 **Jafri SM**, VanRollins M, Ozawa T, Mammen EF, Goldberg AD, Goldstein S. *Circadian variation in platelet function in healthy volunteers*. Am J Cardiol 1992; 69:951-4.
- 200 **Pechan J**, Mikulecky M, Okrucka A. *Circadian rhythm of plasma beta-thromboglobulin in healthy human subjects*. Blood Coagul Fibrinolysis 1992; 3:105-07
- 201 **Undar L**, Akkoc N, Alakavuklar MN, Cehreli C, Undar L. *Flow cytometric analysis of circadian changes in platelet activation using anti-GMP-140 monoclonal antibody*. Chronobiol Int 1999; 16:335-42.
- 202 **Levine SP**, Towell BL, Suarez AM, Knierim LK, Harris MM, George JN. *Platelet activation and secretion associated with emotional stress*. Circulation 1985; 71:1129-1134.
- 203 **Haus E**, Cusulos M, Sackett-Lundeen L, Swoyer J. *Circadian variations in blood coagulation parameters, alpha-antitrypsin antigen and platelet aggregation and retention in clinically healthy subjects*. Chronobiol Int 1990; 7:203-16.
- 204 **Willich SN**, Arntz HR, Lowel H, Lewis M, Schroder R. *Wake up time, thrombocyte aggregation and the risk of acute coronary heart disease. The TRIMM (Trigger and mechanisms of myokardial infarkt) study group*. Z Kardiol 1992; 81:S95-S9.
- 205 **Undar L**, Turkay C, Korkmaz L. *Circadian variation in circulating platelet aggregates*. Ann Med 1989; 21:429-33.
- 206 **Opper C**, Weiner N, Xu F, Adam W, Fruhstorfer H, Wesemann W. *Daily variations of functional parameters and density distribution in human blood platelets*. Chronobiol Int 1994; 11:309-19.

- 207 **Fujimura A**, Ohashi K, Ebihara A. Daily variations in platelet aggregation and adhesion in healthy subjects. *Life Sci* 1992; 50:1043-7.
- 208 **Malyszko J**, Urano T, Knofler R, Taminato A, Yoshimi T, Takada Y, Takada A. Daily variations of platelet aggregation in relation to blood and plasma serotonin in diabetes. *Thromb Res* 1994; 1; 75:569-76.
- 209 **Andrews NP**, Gralnick HR, Merryman P, Vail M, Quyyumi AA. Mechanisms underlying the morning increase in platelet aggregation: a flow cytometry study. *J Am Coll Cardiol* 1996; 28:1789-95.
- 210 **Winther K**, Hillegass W, Tofler GH, Jimenez A, Brezinski DA, Schafer AI, Loscalzo J, Williams GH, Muller JE. Effects on platelet aggregation and fibrinolytic activity during upright posture and exercise in healthy men. *Am J Cardiol* 1992; 70:1051-5.
- 211 **Brezinski DA**, Tofler GH, Muller JE, Pohjola-Sintonen S, Willich SN, Schafer AI, Czeisler CA, Williams GH. Morning increase in platelet aggregability. Association with assumption of the upright posture. *Circulation* 1988; 78:35-40.
- 212 **Andrews NP**, Goldstein DS, Quyyumi AA. Effect of systemic alpha-2 adrenergic blockade on the morning increase in platelet aggregation in normal subjects. *Am J Cardiol* 1999; 84:316-20.
- 213 **Willich SN**, Tofler GH, Brezinski DA, Schafer AI, Muller JE, Michel T, Colluci WS. Platelet alpha-2-adrenoceptor characteristics during the morning increase in platelet aggregability. *Eur Heart J* 1992; 13:550-5.
- 214 **Akiyama Y**, Kazama M, Tahara C, Shimazu C, Otake J, Kamei K, Nakatake T, Sakurai N, Yasumuro Y, Suzuki S et al. Reference values of hemostasis related factors of healthy Japanese adults. I: Circadian fluctuation. *Thromb Res* 1990 Nov 15; 60:281-9.
- 215 **Labreque G**, Soulban G. Biological rhythms in the physiology and pharmacology of blood coagulation. *Chronobiol Int* 1991; 8:361-72.
- 216 **Kapiotis S**, Jilma B, Quehenberger P, Ruzicka K, Handler S, Speiser W. Morning hypercoagulability and hypofibrinolysis. Diurnal variations in circulating activated factor VII, prothrombin fragment F1+2, and plasmin-plasmin inhibitor complex. *Circulation* 1997; 96:19-21.
- 217 **Jern C**, Wadenvik H, Mark H, Hallgren J, Jern S. Haematological changes during acute mental stress. *Br J Haematol* 1989; 71:153-6.
- 218 **Eber B**, Schumacher M. Fibrinogen: its role in the hemostatic regulation in atherosclerosis. *Semin Thromb Hemost* 1993; 19:104-7 [Abstract]
- 219 **Jern C**, Eriksson E, Tengborn L, Risberg B, Wadenvik H, Jern S. Changes of plasma coagulation and fibrinolysis in response to mental stress. *Thromb Haemost* 1989; 62:767-71.
- 220 **Mores N**, Martire M, Pistritto G, Volpe AR, Menini E, Folli G, Cardillo C. Platelet alpha 2-adrenoceptors and diurnal changes of platelet aggregability in hypertensive patients. *J Hypertens* 1994; 12:939-45.
- 221 **Spano GM**, LaMancusa R, Pettirossi G, Pulcinelli FM, Gazzaniga PP, Cordova C. Circadian variations in platelet aggregability in non insulin dependent diabetes patients (NIDDM). *Clin Ter* 1993; 142:19-22.
- 222 **Aronson D**, Weinrauch LA, Délia JA, Tofler GH, Burger AJ. Circadian patterns of heart rate variability, fibrinolytic activity, and hemostatic factors in type I diabetes mellitus with cardiac autonomic neuropathy. *Am J Cardiol* 1999; 84:449-53.
- 223 **Grimaudo V**, Hauert J, Bachmann F, Kruithof EK. Diurnal variation of the fibrinolytic system. *Thromb Haemost* 1988; 59:495-9.
- 224 **Angleton P**, Candler WL, Schmer G. Diurnal variation of tissue-type plasminogen activator and its fast actin inhibitor (PAI-1). *Circulation* 1989; 79:101-06.

- 225 **Chandler WL**, Mornin D, Whitten RO, Angleton P, Farin FM, Fritsche TR, Veith RC, Stratton JR. *Insulin, cortisol and catecholamines do not regulate circadian variations in fibrinolytic activity.* Thromb Res 1990; 58:1-12.
- 226 **Takada A**, Takada Y, Urano T, Sakakibara K, Rydzewski A. *Fluctuations of euglobulin lysis time, tissue plasminogen activator, and free and total plasminogen activator inhibitor levels in plasma in daytime.* Thromb Res 1990; 57:13-20.
- 227 **Kohler M**, Miyashita C. *Problems in measuring parameters of the fibrinolytic system: circadian rhythm of tissue-type plasminogen activator and plasminogen activator inhibitor.* Klin Wochenschr 1988; 66:S62-7.
- 228 **Andreotti F**, Davies GJ, Hackett DR, Khan MI, De Bart ACW, Aber VR, Maseri A, Kluft C. *Major circadian fluctuations in fibrinolytic factors and possible relevance to time of onset of myocardial infarction, sudden cardiac death and stroke.* Am J Cardiol 1988; 62:635-7
- 229 **Kluft C**, Jie AF, Riken DC, Verheijen JH. *Daytime fluctuations in blood of tissue-type plasminogen activator (T-PA) and its fast-acting inhibitor (PAI-1).* Thromb Haemost 1988; 59:329-32.
- 230 **Artino M**, Carmaci R, Badarau A, Huidovoci E, Dragomir M, Badita D, Iancu A. *The effect of continuous illumination and an inverse rhythm (light-darkness) on fibrinolysis.* Rev Med Chir Soc Med Nat Iasi 1996; 100:114-17. [Abstract]
- 231 **Juhan-Vague I**, Alessi MC, Raccah D, Aillaud MF, Billerey M, Ansaldi J, Philip-Joet C, Vague P. *Daytime fluctuations of plasminogen activator inhibitor 1 (PAI-1) in populations with high PAI-1 levels.* Thromb Haemost 1992; 67:76-82.
- 232 **Andreotti F**, Kluft C. *Circadian variation of fibrinolytic activity in blood.* Chronobiol Int 1991; 8:336-51.
- 233 **Katz RJ**, Hsia J, Walker P, Jacobs H, Kessler C. *Effects of hormone replacement therapy on the circadian pattern of atherothrombotic risk factors.* Am J Cardiol 1996; 78:876-80.
- 234 **Undar L**, Ertugrul C, Altunbas H, Akca S. *Circadian variation in natural coagulation inhibitors protein C, protein S and antithrombin in healthy men: a possible association with interleukin-6.* Thromb Haemost 1999; 81:571-5.
- 235 **Rosing DR**, Brakman P, Redwood DR, Goldstein RE, Beiser GD, Astrup T, Epstein SE. *Blood fibrinolytic activity in man. Diurnal variation and the response to varying intensities of exercise.* Circ Res. 1970; 27:171-84.
- 236 **Szymanski LM**, Pate RR. *Effects of exercise intensity, duration, and time of day on fibrinolytic activity in physically active men.* Med Sci Sports Exerc 1994; 26:1102-8.
- 237 **Speiser W**, Langer W, Pschaick A, Selmayr E, Ibe B, Nowacki PE, Muller-Berghaus G. *Increased blood fibrinolytic activity after physical exercise: comparative study in individuals with different sporting activities and in patients after myocardial infarction taking part in a rehabilitation sports program.* Thromb Res 1988; 51:543-55.
- 238 **Chandler WL**, Schwartz RS, Stratton JR, Vitiello MV. *Effects of endurance training on the circadian rhythm of fibrinolysis in men and women.* Med Sci Sports Exerc 1996; 28:647-55.
- 239 **Andreotti F**, Kluft C, Davies GJ, Huisman LG, de Bart AC, Maseri A. *Effect of propanolol (long-acting) on the circadian fluctuation of tissue-plasminogen activator and plasminogen activator inhibitor-1.* Am J Cardiol 1991; 68:1295-9.
- 240 **Harenberg J**, Weber E, Spohr U, Morl H. *Is the diurnal increase of fibrinolytic activity influenced by alpha- or beta-adrenergic blockade?* Blut 1980; 41:455-8.
- 241 **Johansen LG**, Gram J, Kluft C, Jespersen J. *Circadian variation of fibrinolytic activity among Eskimos in Greenland.* Arctic Med Res 1989; 48:204-7.
- 242 **Johansen LG**, Gram J, Kluft C, Jespersen J. *Circadian variation of fibrinolytic activity among Eskimos in Greenland.* Arctic Med Res 1989; 48:204-7.

- <sup>243</sup> **Brott T**, Bogousslavsky J. *Treatment of acute ischemic stroke*. N Engl J Med 2000; 343:710-22.
- <sup>244</sup> **Dippel DW**. *The results of CAPRIE, IST and CAST. Clopidogrel vs. Aspirin in Patients at Risk of Ischaemic Events. International Stroke Trial. Chinese Acute Stroke Trial*. Thromb Res 1998; 92:S13-6.
- <sup>245</sup> **Wilterdink JL**, Bendixen B, Adams HP Jr, Woolson RF, Clarke WR, Hansen MD. *Effect of prior aspirin use on stroke severity in the trial of Org 10172 in acute stroke treatment (TOAST)*. Stroke 2001; 32:2836-40.
- <sup>246</sup> **Solomon DH**, Hart RG. *Antithrombotic therapies for stroke prevention*. Curr Opin Neurol 1994; 7:48-53.
- <sup>247</sup> **Antiplatelet Trialists' Collaboration** in: **Schellingen PD**, Orberk E, Hacke W. *Antithrombotische Therapie nach zerebraler Ischämie*. Fortschr Neurol Psychiatr. 1997; 65:425-34.
- <sup>248</sup> **Antithrombotic Trialists' Collaboration**. Collaborative meta-analysis of randomised trials of antiplatelet therapy for prevention of death, myocardial infarction, and stroke in high risk patients. BMJ 2002; 324:71-86.
- <sup>249</sup> **Antiplatelet Trialists' Collaboration**. Collaborative overview of randomised trials of antiplatelet therapy--I: Prevention of death, myocardial infarction, and stroke by prolonged antiplatelet therapy in various categories of patients. BMJ 1994; 308:81-106.
- <sup>250</sup> **Hacke W**, Kaste M, Bogousslavsky J, Brainin M, Chamorro A, Lees K, Leys D, Kwiecinski H, Toni P, Langhorne P, Diener C, Hennerici M, Ferro J, Sivenius J, Gunnar N, Bath P, Olsen TS, Gugging M; European Stroke Initiative Executive Committee and the EUSI Writing Committee. *European Stroke Initiative Recommendations for Stroke Management-update 2003*. Cerebrovasc Dis 2003; 16: 311-37.
- <sup>251</sup> **CAPRIE Steering Committee**. A randomised, blinded, trial of clopidogrel versus aspirin in patients at risk of ischaemic events (CAPRIE). Lancet 1996; 348:1329-39.
- <sup>252</sup> **Schellingen PD**, Orberk E, Hacke W. *Antithrombotische Therapie nach zerebraler Ischämie*. Fortschr Neurol Psychiatr 1997; 65:425-34.
- <sup>253</sup> **Paciaroni M**, Bogousslavsky J. *Clopidogrel for cerebrovascular prevention*. Cerebrovasc Dis 1999; 9:253-60.
- <sup>254</sup> **Hacke W**. From CURE to MATCH: ADP receptor antagonists as the treatment of choice for high-risk atherothrombotic patients. Cerebrovasc Dis 2002; 13:S22-6.
- <sup>255</sup> **Pearson TA**, Blair SN, Daniels SR, Eckel RH, Fair JM, Fortmann SP, Franklin BA, Goldstein LB, Greenland P, Grundy SM, Hong Y, Miller NH, Lauer RM, Ockene IS, Sacco RL, Sallis JF Jr, Smith SC Jr, Stone NJ, Taubert KA. *AHA Guidelines for Primary Prevention of Cardiovascular Disease and Stroke: 2002 Update: Consensus Panel Guide to Comprehensive Risk Reduction for Adult Patients Without Coronary or Other Atherosclerotic Vascular Diseases*. American Heart Association Science Advisory and Coordinating Committee. Circulation 2002; 106:388-91.
- <sup>256</sup> **Abrahamian H**. [Platelet aggregation inhibitors in diabetes mellitus] Acta Med Austriaca 1999; 26:137-41. [Abstract]
- <sup>257</sup> **Stuart J**, George AJ, Davies AJ, Aukland A, Hurlow RA. *Haematological stress Syndrome in atherosclerosis*. J Clin Pathol 1981; 34:464-67.
- <sup>258</sup> **Munro JM**, Cotran RS. *The pathogenesis of atherosclerosis: atherogenesis and inflammation*. Lab Invest 1988 Mar; 58:249-61.
- <sup>259</sup> **Akopov SE**, Simonian NA, Grigorian GS. *Dynamics of polymorphonuclear leukocyte accumulation in acute cerebral infarction and their correlation with brain tissue damage*. Stroke 1996; 27:1739-43.
- <sup>260</sup> **Del Zoppo G**, Ginis I, Hallenbeck JM, Iadecola C, Wang X, Feuerstein GZ. *Inflammation and stroke: putative role for cytokines, adhesion molecules and iNOS in brain response to ischemia*. Brain Pathol 2000; 10:95-112.
- <sup>261</sup> **Emsley HCA**, Tyrell PJ. *Inflammation and infection in clinical stroke*. Journal of cerebral blood flow and metabolism 2002; 22:1399-1419.

- <sup>262</sup> **Mennicken F**, Maki R, de Souza EB, Quirion R. *Chemokines and chemokine receptors in the CNS: a possible role in neuroinflammation and patterning*. Trends Pharmacol Sci 1999; 20:73-77.
- <sup>263</sup> **Danesh J**, Collins R, Appleby P, Peto R. *Association of fibrinogen, C-reactive protein, albumin, or leukocyte count with coronary heart disease. Meta-analyses of prospective studies*. JAMA 1998; 279:1477-82.
- <sup>264</sup> **Kannel WB**, Anderson K, Wilson PWF. *White blood cell count and cardiovascular disease. Insights from the Framingham Study*. JAMA 1992; 267:1253-56.
- <sup>265</sup> **Cermak J**, Key NS, Bach RR, Balla J, Jacob HS, Vercellotti GM. *C-reactive protein induces human peripheral blood monocytes to synthesize tissue factor*. Blood 1993; 82:513-20.
- <sup>266</sup> **Pepys MB**. *The acute-phase response and C-reactive protein*. In: Weatherall DJ, Ledingham JGG, Warell DA, eds. Oxford Textbook of Medicine, Vol 2, 3rd ed Oxford: Oxford University Press; 1995:1527-37.
- <sup>267</sup> Pschyrembel 2001
- <sup>268</sup> **Grau AJ**, Buggle F, Becher H, Werle E, Hacke W. *The association of leukocyte count, fibrinogen and C-reactive protein with vascular risk factors and ischemic vascular diseases*. Thromb Res 1996; 82:245-55.
- <sup>269</sup> **Esmon CT**. *The protein C anticoagulant pathway*. Arterioscler Thromb Vasc Biol 1992; 12:135-45.
- <sup>270</sup> **Grey ST**, Tsuchida A, Hau H, Orthner CL, Salem HH, Hancock WW. *Selective inhibitory effects of the anticoagulant activated protein C on the responses of human mononuclear phagocytes to LPS, IFN-gamma, or phorbol ester*. J Immunol 1994; 153:3664-72.
- <sup>271</sup> **Macko RF**, Ameriso SF, Gruber A, Griffin JH, Fernandez JA, Barndt R, Quismorio FP, Weiner JM, Fisher M. *Impairments of the Protein C System and Fibrinolysis in Infection associated Stroke*. Stroke 1996; 27:2005-11.
- <sup>272</sup> **Grau AJ**, Buggle F, Becher H, Zimmermann E, Spiel M, Fent T, Maiwald M, Werle E, Zorn M, Hengel H, Hacke W. *Recent bacterial and viral infection is a risk factor for cerebrovascular ischemia: clinical and biochemical studies*. Neurology 1998; 50:196-203.
- <sup>273</sup> **Bova IY**, Bornstein NM, Korczyn AD. *Acute infection as a risk factor for ischemic stroke*. Stroke 1996; 27:2204-6.
- <sup>274</sup> **Macko RF**, Ameriso SF, Barndt R, Clough W, Weiner JM, Fisher M. *Precipitants of brain infarction. Roles of preceding infection/ inflammation and recent psychological stress*. Stroke 1996; 27:1999-2004.
- <sup>275</sup> **Grau AJ**, Buggle F, Heindl S, Steichen-Wiehn C, Banerjee T, Maiwald M, Rohlf M, Suhr H, Fiehn W, Becher H. *Recent infection as a risk factor for cerebrovascular ischemia*. Stroke 1995; 26:373-9.
- <sup>276</sup> **Nencini P**, Sarti C, Innocenti R, Pracucci G, Inzitari D. *Acute inflammatory events and ischemic stroke subtypes*. Cerebrovasc Dis 2003; 15:215-21.
- <sup>277</sup> **Valtonen VV**. *Infection as a risk factor for infarction and atherosclerosis*. Ann Med 1991; 23:539-43.
- <sup>278</sup> **Paganini-Hill A**, Lozano E, Fischberg G, Perez Barreto M, Rajamani K, Ameriso SF, Heseltine PNR, Fisher M. *Infection and risk of ischemic stroke*. Stroke 2003; 34:452-57.
- <sup>279</sup> **Grau AJ**, Buggle F, Steichen-Wiehn C, Heindl S, Banerjee T, Seitz R, Winter R, Forsting M, Werle E, Bode C. *Clinical and biochemical analysis in infection-associated stroke*. Stroke 1995; 26:1520-6.
- <sup>280</sup> **Grau AJ**, Buggle F, Schnitzler P, Spiel M, Lichy C, Hacke W. *Fever and infection early after ischemic stroke*. J Neurol Sci 1999; 171:115-20
- <sup>281</sup> **Grau AJ**, Buggle F, Hacke W. *Infektionskrankheiten als Ursache und Risikofaktor für zerebrovaskuläre Ischämien*. Nervenarzt 1996; 67:639-49.
- <sup>282</sup> **Grau AJ**, Brandt T, Buggle F, Orbeck E, Mytilineos J, Werle E, Conradt, Krause M, Winter R, Hacke W. *Association of cervical artery dissection with recent infection*. Arch Neurol 1999; 56:851-6.
- <sup>283</sup> **Ameriso SF**, Wong VL, Quismorio FP Jr, Fisher M. *Immunohematologic characteristics of infection-associated cerebral infarction*. Stroke 1991; 22:1004-9.

- <sup>284</sup> **Grau AJ**, Bugle F, Ziegler C, Schwarz W, Meuser J, Tasman AJ, Buhler A, Benesch C, Becher H, Hacke W. *Association between acute cerebrovascular ischemia and chronic and recurrent infection.* Stroke. 1998; 29:257-8.
- <sup>285</sup> **Beck JD**, Offenbacher S, Williams R, Gibbs P, Garcia R. *Periodontitis: a risk factor for coronary heart disease?* An Periodontol 1998; 3:127-41.
- <sup>286</sup> **Valtonen V**, Kuikka A, Syrjanen J. *Thrombo-embolic complications in bacteraemic infections.* Eur Heart J 1993; 14:K20-3.
- <sup>287</sup> **Wimmer ML**, Sandmann-Strupp R, Saikku P, Haberl RL. *Association of clamydial infection with cerebrovascular disease.* Stroke 1996; 27:2207-10.
- <sup>288</sup> **Whincup PH**, Mendall MA, Perry IJ, Strachan DP, Walker M. *Prospective relations between Helicobacter pylori infection, coronary heart disease, and stroke in middle aged men.* Heart 1996; 75:568-72.
- <sup>289</sup> **Gilliams AR**, Allen E, Hrieb K, Venna N, Craven D, Carter AP. *Cerebral infarction in patients with AIDS.* Am J Neuroradiol 1997; 18:1581-5.
- <sup>290</sup> **Pinto AN**. *AIDS and cerebrovascular disease.* Stroke 1996; 27:538-43.
- <sup>291</sup> **Connor MD**, Lammie GA, Bell JE, Warlow CP, Simmonds P, Brettle RD. *Cerebral infarction in adult AIDS patients: observations from the Edinburgh HIV Autopsy Cohort.* Stroke 2000; 31:2117-26.
- <sup>292</sup> **Rahmeh F**, Labouret P, Attout H, Ziegler F. *Ischemic cerebral vascular accident and zoster infection.* Rev Neurol (Paris) 2000; 156:658-60. [Abstract]
- <sup>293</sup> **Tanaka M**, Kimura S, Nezu A, Ohtsuki N, Takeshita S. *Focal brain lesion accompanied by exanthema subitum:report of two cases.* No To Hattatsu 1998; 30:65-8. [Abstract]
- <sup>294</sup> **Petty GW**, Duffy J, Houston J 3<sup>rd</sup>. *Cerebral ischemia in patients with hepatitis C virus infection and mixed cryoglobulinemia.* Mayo Clin Proc 1996; 71:671-8.
- <sup>295</sup> **Sebire G**, Meyer L, Chabrier S. *Varicella as a risk factor for cerebral infarction in childhood: a case-control study.* Ann Neurol 1999; 45:679-80.
- <sup>296</sup> **Hausler MG**, Ramaekers VT, Reul J, Meilicke R, Heimann G. *Early and late onset manifestations of cerebral vasculitis related to varicella zoster.* Neuropediatrics 1998; 29:202-7.
- <sup>297</sup> **Ainsworth BE**, Haskell WL, Leon AS, Jacobs DR Jr, Montoye HJ, Sallis JF, Paffenbarger RS Jr. *Compendium of physical activities: classification of energy costs of human physical activities.* Med Sci Sports Exerc 1993; 25:71-80.
- <sup>298</sup> **Kurl S**, Laukkonen JA, Rauramaa R, Lakka TA, Sivenius J, Salonen JT. *Cardiorespiratory fitness and the risk for stroke in men.* Arch Intern Med 2003; 163:1682-8.
- <sup>299</sup> **Lee IM**, Hennekens CH, Berger K, Buring JE, Manson JE. *Exercise and risk of stroke in male physicians.* Stroke 1999; 30:1-6.
- <sup>300</sup> **Sacco RL**, Gan R, Boden-Albala B, Lin IF, Kargman DE, Hauser WA, Shea S, Paik MC. *Leisure-time physical activity and ischemic stroke risk: the Northern Manhattan Stroke Study.* Stroke 1998; 29:380-7.
- <sup>301</sup> **Lee IM**, Paffenbarger RS Jr. *Physical activity and stroke incidence: the Harvard Alumni Health Study.* Stroke 1998; 29:2049-54.
- <sup>302</sup> **Lee IM**, Paffenbarger RS Jr, Hsieh CC. *Time trends in physical activity among college alumni, 1962-1988.* Am J Epidemiol 1992; 135:915-25.
- <sup>303</sup> **Hu FB**, Stampfer MJ, Solomon C, Liu S, Colditz GA, Speizer FE, Willett WC, Manson JE. *Physical activity and risk for cardiovascular events in diabetic women.* Ann Intern Med 2001; 134:96-105.
- <sup>304</sup> **Ellekjaer H**, Holmen J, Ellekjaer E, Vatten L. *Physical activity and stroke mortality in women. Ten-year follow-up of the Nord-Trondelag health survey, 1984-1986.* Stroke 2000; 31:14-8.
- <sup>305</sup> **Hu FB**, Stampfer MJ, Colditz GA, Ascherio A, Rexrode KM, Willett WC, Manson JE. *Physical activity and risk of stroke in women.* JAMA. 2000; 283:2961-7.

- 306 **Gillum RF**, Mussolino ME, Ingram DD. *Physical activity and stroke incidence in women and men. The NHANES I Epidemiologic Follow-up Study.* Am J Epidemiol 1996; 143:860-9.
- 307 **Lee CD**, Folsom AR, Blair SN. *Physical activity and stroke risk: a meta-analysis.* Stroke 2003; 34:2475-81.
- 308 **Evenson KR**, Rosamond WD, Cai J, Toole JF, Hutchinson RG, Shahar E, Folsom AR. *Physical activity and ischemic stroke risk. The atherosclerosis risk in communities study.* Stroke 1999; 30:1333-9.
- 309 **Abbott RD**, Curb JD, Rodriguez BL, Masaki KH, Popper JS, Ross GW, Petrovitch H. *Age-related changes in risk factor effects on the incidence of thromboembolic and hemorrhagic stroke.* J Clin Epidemiol 2003; 56:479-86.
- 310 **Iso H**, Date C, Yamamoto A, Toyoshima H, Tanabe N, Kikuchi S, Kondo T, Watanabe Y, Wada Y, Ishibashi T, Suzuki H, Koizumi A, Inaba Y, Tamakoshi A, Ohno Y. *Perceived mental stress and mortality from cardiovascular disease among Japanese men and women: the Japan Collaborative Cohort Study for Evaluation of Cancer Risk Sponsored by Monbusho (JACC Study).* Circulation 2002; 106:1229-36.
- 311 **Carroll D**, Ebrahim S, Tilling K, Macleod J, Smith GD. *Admissions for myocardial infarction and World Cup football: database survey.* BMJ 2002; 325:1439-42.
- 312 **Truelsen T**, Nielsen N, Boysen G, Gronbaek M; Copenhagen City Heart Study. *Self-reported stress and risk of stroke: the Copenhagen City Heart Study.* Stroke 2003; 34:856-62.
- 313 **May M**, McCarron P, Stansfeld S, Ben-Shlomo Y, Gallacher J, Yarnell J, Davey Smith G, Elwood P, Ebrahim S. *Does psychological distress predict the risk of ischemic stroke and transient ischemic attack? The Caerphilly Study.* Stroke 2002; 33:7-12.
- 314 **Li J**, Johnsen SP, Olsen J. *Stroke in parents who lost a child: a nationwide follow-up study in Denmark.* Neuroepidemiology. 2003; 22:211-6.
- 315 **Fernandez-Concepcion O**, Verdecie-Feria O, Chavez-Rodriguez L, Alvarez-Gonzalez MA, Fiallo-Sanchez MC. *[Type A behaviour and life events as risk factors for cerebral infarct]* Rev Neurol 2002; 34:622-7. [Article in Spanish]
- 316 **Adams HP** et al. Classification of subtype of acute ischemic stroke. Definitions for use in Multicenter Clinical Trial. TOAST. Trial of Org 10 172 in Acute Stroke Treatment. Stroke 1993; 24:35-41.
- 317 **Sobel E**, Zhang ZX, Alter M, Lai SM, Davanipour Z, Friday G, McCoy R, Isack T, Levitt L. *Stroke in the Lehigh Valley: seasonal variation in incidence rates.* Stroke 1987; 18:38-42.
- 318 **Biller J**, Jones MP, Bruno A, Adams HP Jr, Banwart K. *Seasonal variation of stroke--does it exist?* Neuroepidemiology 1988; 7:89-98.
- 319 **Hu HH**, Tzeng SS. *[Ischemic stroke in Taiwan]* J Formos Med Assoc 1994; 93:S6-12. [Article in Chinese] [Abstract]
- 320 **Stout RW**, Crawford V. *Seasonal variations in fibrinogen concentrations among elderly people.* Lancet 1991; 338:9-13.
- 321 **Woodhouse PR**, Khaw KT, Plummer M, Foley A, Meade TW. *Seasonal variations of plasma fibrinogen and factor VII activity in the elderly: winter infections and death from cardiovascular disease.* Lancet 1994; 343:435-9.
- 322 **Pattenden S**, Nikiforov B, Armstrong BG. *Mortality and temperature in Sofia and London.* J Epidemiol Community Health 2003; 57:628-33. [Abstract]
- 323 **Braga AL**, Zanobetti A, Schwartz J. *The effect of weather on respiratory and cardiovascular deaths in 12 U.S. cities.* Environ Health Perspect 2002; 110:859-63. [Abstract]
- 324 **Shek LP**, Lee BW. *Epidemiology and seasonality of respiratory tract virus infections in the tropics.* Paediatr Respir Rev 2003; 4:105-11. [Abstract]
- 325 **Eccles R**. *An explanation for the seasonality of acute upper respiratory tract viral infections.* Acta Otolaryngol. 2002 Mar; 122(2):183-91. [Abstract]

- 326 **Shinkawa A**, Ueda K, Hasuo Y, Kiyohara Y, Fujishima M. *Seasonal variation in stroke incidence in Hisayama, Japan.* Stroke 1990; 21:1262-7.
- 327 **Wilhelmsen L**, Svardsudd K, Korsan-Bengtsen K, Larsson B, Welin L, Tibblin G. *Fibrinogen as a risk factor for stroke and myocardial infarction.* N Engl J Med 1984; 311:501-5.
- 328 **Dotevall A**, Kutti J, Teger-Nilsson AC, Wadenvik H, Wilhelmsen L. *Platelet reactivity, fibrinogen and smoking.* Eur J Haematol 1987; 38:55-9.
- 329 **Blann AD**, Kirkpatrick U, Devine C, Naser S, McCollum CN. *The influence of acute smoking on leucocytes, platelets and the endothelium.* Atherosclerosis 1998; 141:133-9.
- 330 **Faraday N**, Goldschmidt-Clermont PJ, Bray PF. *Gender differences in platelet GPIIb-IIIa activation.* Thromb Haemost 1997; 77:748-54.[Abstract]
- 331 **Moe T**, Olofsson BO, Stegmayr B, Eriksson P. *Ischemic stroke. Impact of a recent myocardial infarction.* Stroke 1999; 30:997-1001
- 332 **Wilhelmsen L**, Svardsudd K, Korsan-Bengtsen K, Larsson B, Welin L, Tibblin G. *Fibrinogen as a risk factor for stroke and myocardial infarction.* N Engl J Med 1984; 311:501-5.
- 333 **Spengos K**, Vemmos K, Tsivgoulis G, Manios E, Zakopoulos N, Mavrikakis M, Vassilopoulos D. *Diurnal and seasonal variation of stroke incidence in patients with cardioembolic stroke due to atrial fibrillation.* Neuroepidemiology 2003; 22:204-10.
- 334 **de Mey C**, Hansen-Schmidt S, Enterling D, Meineke I. *Time course and nature of postprandial haemodynamic changes in normal man.* Clin Physiol 1989; 9:77-87. [Abstract]
- 335 **Rowat AM**, Wardlaw JM, Dennis MS, Warlow CP. *The influence of food ingestion on blood pressure in stroke patients.* Cerebrovasc Dis 2001; 12:152-8.
- 336 **Jansen RW**, Lipsitz LA. *Postprandial hypotension: epidemiology, pathophysiology, and clinical management.* Ann Intern Med 1995; 122:286-95.