

BIBLIOGRAPHY

- Adams, J, Trent, T & Rawles, J. 1993. Earliest ECG rapid evidence of myocardial infarction: implications for thrombolytic therapy. *British Medical Journal*, 307:9-13.
- Agnell, IG. 1995. Thrombolysis year. *Excerpta Medica*: Amsterdam, Netherlands.
- Al Fahim, M. 2001. From rags to riches: history of Abu-Dhabi. London: Centre for Arab studies. British Library Category.
- Alpert, J. 2003. Defining myocardial infarction: Will the real myocardial infarction stand up? *American Heart Journal*, 146:377-379.
- American College of Cardiology and American Heart Association (ACC/AHA). 1990. Guidelines for early management of patients with acute myocardial infarction. *Circulation*, 82(2):664-707.
- Anderson, V & Willerson, J. 1994. Thrombolysis in acute myocardial infarction. *New England Journal of Medicine*, 329(10):703-709.
- Angeja, B, Gibson, M, Chin, R, Frederick, P, Every, N, Ross, A, Stone, G & Barron, H. 2002. Predictors of door-to-balloon delay in primary angioplasty for the participants in the national registry of myocardial infarction. *American Journal of Cardiology*, 89:1156-1161.
- Antman, E, Anbe, J, Armstrong, P, Bates, F, Green, L, Hand, M, Hochman, J, Krumholz, H, Kushner, P, Lamas, G, Mullany, G, Ornato, J, Pearle, D, Sloan, M & Smith, S. 2004a. Management of patients with ST elevation myocardial infarction: executive summary. *Journal of the American College of Cardiology*, 44(3):671-719.
- Antman, E, Anbe, J, Armstrong, P, Bates, F, Gree, L, Hand, M, Hochman, J, Krumholz, H, Kushner, P, Lamas, G, Mullany, G, Ornato, J, Pearle, D, Sloan, M & Smith, S. 2004b. Management of patients with ST elevation myocardial infarction. American College of Cardiology and the American Heart Association pocket guidelines. *Circulation*, 3:1-44.
- Armstrong, P & Collen, D. 2001. *Fibrinolysis for acute myocardial infarction: current status and new horizons for pharmacological reperfusion. Part 1* (website – <http://www.acc.org>).
- Arntz, HR. 2001. Prehospital thrombolysis in acute myocardial infarction. *Thrombosis Research*, 103(1): 91-96.
- Assessment of safety and efficacy of new thrombolytic (ASSENT-2). 1999. Single bolus dose tenecteplase compared with front-loaded alteplase in acute myocardial infarction. *Lancet*, 354: 716-722.
- Assessment of safety and efficacy of new thrombolytic (ASSENT-3). 2001. Efficacy in safety of tenecteplase in combination with enoxaparin and abciximab or unfractionated heparin: randomized trial in acute myocardial infarction. *Lancet*, 358:605-613.

- Aufderheide, T. 1998. Arrhythmia's associated with acute myocardial infarction and thrombolysis. *Emergency Medicine Clinics of North America*, 16(3):583-600.
- Ayanian, J & Braunwald, E. 2000. Thrombolytic therapy for patients with myocardial infarction who are older than 75 years: do the risks outweigh the benefits? *Circulation*, 101(19):2224-2226.
- Barbagelata, A, Califf, R, Sgarbossa, EB, Goodman, S, Knight, D, Mark, D, Granger, C, Agranatti, D, Mautner, B, Ohman, F, Suarez, L, Armstrong, P, Gates, K & Wagner, G. 2000. Use of resources, quality of life and clinical outcomes in patients with and without new Q waves after thrombolytic therapy for acute myocardial infarction (from Gusto I – trial). *American Journal of Cardiology*, 86(1):24-29.
- Barradel, LB & Goa, KL. 1995. Alteplase: a pharmaco-economic evaluation of its use in the management of myocardial infarction. *Pharmaco-economics*, 8:428-459.
- Bates, E. 1997. Prehospital thrombolytic therapy reduces mortality in myocardial infarction. *Evidence-based Medicine*, 1(3):8.
- Behar, S, Battler, A, Porath, A, Leor, J, Grossman, E, Hassin, Y & Moshe, M. 2003. A prospective national survey of the management and clinical outcome of acute myocardial infarction in Israel. *Israeli Medical Association Journal*, 5:1-5.
- Beller, G. 2001. Coronary heart diseases in the first 30 years of the 21st century: challenges and opportunities. *Circulation*, 103:2428-2451.
- Bennet, JM. 1989. Early thrombolysis for myocardial infarction patients. *South African Family Practice*, 14: 261-263.
- Bennet, JM. 1993. *Heart attack: What now?* Johannesburg: Parke-Davis.
- Berger, PB. 2000. Treatment of acute myocardial infarction by primary coronary angioplasty or intravenous thrombolysis. *Circulation*, 101(21):E211-212.
- Berton, G, Cordiana, R, Palmieri, R, Guanieri, G, Stefani, M, & Paltini, F. 2001. Clinical features associated with prehospital time delay in acute myocardial infarction. *Italian Heart Journal*, 2(10):766-771.
- Bode, C, Smalling, R & Berg G. 1996. Randomised comparison of coronary thrombolysis achieved with double-bolus reteplase (recombinant plasminogen activator) and front-loaded, accelerated alteplase (recombinant t-PA) in patients with acute myocardial infarction (the RAPID-11 Investigators). *Circulation*, 94:891-898.
- Bode, C, Runge, MS & Smalling, R. 1996. The future of thrombolysis in the treatment of acute myocardial infarction. *European Heart Journal*, 17(E):55-60.

- Boersma, E, Maas A, Deckers, J & Simoons, M. 1996. Early thrombolytic therapy in acute myocardial infarction: re-appraisal of the golden hour. *Lancet*, 348:771-775.
- Bosch, X, Sambola, A, Aros, F, Lopez-Bescos, L, Mancisidor, X, Ila, J & Claramonte, R. 2000. Use of thrombolytic therapy in patients with acute myocardial infarction in Spain: *Revista Espanola Cardiologia*, 53(4):490-501.
- Bottiger, BW, Bode, C, Kern, S, Gries, A, Gust, R, Glatzer, R, Bauer, H, Motsch, J & Martin, E. 2001. Efficacy and safety of thrombolytic therapy after initially unsuccessful cardiopulmonary resuscitation: a prospective clinical trial. *Lancet*, 357 :1583-1585.
- Bowlby, H, Hisle, K & Clifton, G.1995 Heparin as adjunctive therapy to coronary thrombolysis in acute myocardial infarction. *Heart and Lung*, 24(4):292-306.
- Bradbury, M & Cruickshank, T. 1993. Use of thrombolytic therapy in acute myocardial infarction. *British-Journal of Nursing*, 2 (12):619-624.
- Brady, W, Perron, A & Riviello, R. 2001. Acute myocardial infarction: how to avoid pitfalls in reperfusion therapy. *Consultant*, 41(11):1505-1508.
- Brass, L, Lichtman, J, Wang, Y, Gurwitz, J, Radford, M & Krumholz, H. 2000. Intracranial hemorrhage associated with thrombolytic therapy for elderly patients with acute myocardial infarction: results from the cooperative cardiovascular project. *Stroke*, 31(8):1802-1811.
- Brieger, D, Mak, K, Miller, D, Califf, R & Topol, E. 2000. Hierarchy of risk based on history and location of prior Myocardial Infarction in the thrombolytic era. GUSTO Investigators. *American Heart Journal*, 140(1):29-33.
- Brink, HI. 2001. *Statistics for Nurses*. Pretoria: Academica.
- Brodie, BR, Stone, GN & Morice, MC. 2001. For stent angioplasty in myocardial infarction study group: the importance of time to reperfusion in outcome with primary coronary angioplasty in myocardial infarction (PAMI). *American Journal of Cardiology*, 88:1085-1090.
- Budaj, A, Brieger, D, Steg, PC, Goodman, S, Dabbous, Fox, K, Avezum, A, Cannon, C, Mazurek, T, Flather, M & Van De Werf, F. 2003. The global patterns of use of anti-thrombotics and antiplatelet therapies in patients with acute coronary syndromes: insights from the global registry of acute coronary events. *American Heart Journal*, 146(6):999-1006.
- Burns, N & Grove, S. 2001. *The practice of nursing research: conduct, critique and utilization*. Philadelphia: Saunders.
- Buthelezi, C. 2002. The community health nurse: a sociological perspective. *Nursing Update*, 26(3);24-25.

- Bryant, M & Kelly, A. 2001. "Point of Entry" treatment gives best time to thrombolysis for acute myocardial infarction. *Australian Health Review*, 24(1):157-160.
- Califf, R, Pieper, K, Lee, K, Van De Werf, F, Simes R, Armstrong, P & Topol, E. 2000. Prediction of 1-year survival after thrombolysis for acute myocardial infarction in the global utilization of streptokinase and alteplase for occluded arteries trial. *Circulation*, 101(19):2231-2238.
- Califf, R, Topol, E, George, B, Boswich, J, Lee, K, Stump, D, Dillon, J, Abbotsmith, C, Candella, R, Keriakes, D, Williams, S, Stack, M & O'Neil, M . 1988. (TAMI study group). Characteristics and outcomes of patients in whom reperfusion and intravenous tissue type plasminogen activators fails. Results of the thrombolysis and angioplasty in myocardial infarction (TAMI) trial. *Circulation*, 77(5):1090-1099.
- Cannon, C. 2002. Critical pathways in myocardial infarction. *American Heart Journal*, 143:781-786.
- Cannon C, Gibson, M, McCabe, C, Adjei, J, Schweiger, M, Braunwald ,E, Frey, M, Guigliano, R, Steinhart, R, Van de Werf, F & Weaver, D. 1998. (TIMI 10B) Investigators. Tenecteplase compared with front-loaded alteplase in acute myocardial infarction. *Circulation*, 98:2805-2808.
- Carr, E. 1997. Factors influencing experience of pain. *Nursing Times*, 93(39):53-54.
- Casey, K, Bedker, D & McElmeel, P. 1998. Myocardial infarction review of clinical trials and treatment strategies. *Critical Care Nurse*, 18(2):39-52.
- Cercek, B, Lew, A, Laramée, P, Shah, P, Peter, T & Ganz, W. 1987. Time course and characteristic of ventricular arrhythmia's after reperfusion in acute myocardial infarction. *American Journal of Cardiology*, 60:214-218.
- Chan, WK, Lam, KN, Lan, FL & Tang, HM. 1998. Starting thrombolytic therapy for patients with acute myocardial infarction in the accident and emergency department: from implementation to evaluation. *Chinese Medical Journal*, 111(4): 291-294.
- Chan, WK, Leung, K, Lee, H, Hung, S, Kung, NS & Lau, F. 1998. Undiagnosed acute myocardial infarction in accident and emergency department: reasons and implications. *European Journal of Emergency Medicine*, 5(2):219-224.
- Cheneau, E, De-Gevigney, G, Ecochard, R, Rabilloud, M, Riche, B, Excoffier, S, Cao, D, Milon, H & Delahaye, F. 2001. Thrombolysis in myocardial infarction in prospective cohort of 2 515 consecutive patients: older age and longer delay lead to a lower thrombolysis rate. *Acta-Cardiology*, 56(4):211-218.
- Christenson, RH, Vollmer, RY, Ohman, E, Peck, S, Thompson, T, Duh, S, Ellis, S, Newby, L, Topol, F & Califf, R. 2000. The relation of temporal creatine kinase -MB release and outcome after thrombolytic therapy for acute myocardial infarction (TAMI study group) *American Journal of Cardiology*, 85(5):543-547.

- Clochesy, J, Cardin, S, Brew, C & Rudy, E. 1996. *Critical care nursing*. Philadelphia: Saunders.
- Cobbe, SM. 1994. Thrombolysis in myocardial infarction, the earlier the better but how late is too late? *British Medical Journal*, 30:216-217.
- Comeau-Luis, OY, Corbett, S, Wittlake, W, Jutzy, K & Huiskes, B. 1999. Case report: reversal of an evolving myocardial infarction with intravenous thrombolysis. *American Journal Critical Care*, 4:246-249.
- Conti, C. 2000. Thrombolytic therapy for acute myocardial infarction: What dose should be used? *Clinical Cardiology*, 23(9):635-636.
- Crawford, M. 2003. *Current diagnosis and treatment in cardiology*. Lange Medical Books. London: McGraw-Hill.
- Cundiff, D. 2002. *Thrombolysis in acute myocardial infarction: drug review*. Medscape (website: www.MedGenMed)
- Custer, B. 2002. Management of acute myocardial infarction. *Physician's Assistant*, 2: 2-14.
- Danchin, N, De Benadetti, F & Urban, P. 2003. What treatments improve outcomes in acute myocardial infarction? *Clinical Evidence Concise*, 9:4-11.
- Davies, M. 2000. The pathophysiology of acute coronary syndromes. *Heart*, 83:361-366.
- Davis, L, Evan, J, Strickland, J, Shaw, L & Wagner, G. 2001. Delay in thrombolytic therapy for acute myocardial infarction: Association with mode of transportation to hospital, age, sex and race. *American Journal of Critical Care*,10(1):35-42.
- Davis, C & Ormerod, O. 1998. Failed coronary thrombolysis. *Lancet*, 351:1191-1196.
- De Lemos, J, Antman, E, Guigliano, R, McCabe, C, Murphy, S, Werf, F, Gibson, E & Braunwald, E. 2000. ST segment resolution with infarct related artery patency and flow after thrombolytic therapy in myocardial infarction (TIMI 14 investigators). *American Journal of Cardiology*, 85(3):299 -304.
- De Luca, G, Suryapranata, H, Ottervanger, I, Elliot, M & Antman, E. 2004. Time delay to treatment and mortality in primary angioplasty for acute myocardial infarction. *Circulation*, 109:1223-1225.
- De Vos, A. 2001. *Research at Grassroots: a primer for the caring professions*. Pretoria: Van Schaik.
- Disler, LJ. 2001. Management of acute myocardial infarction: adjunctive PTCA after thrombolytic therapy. Transcatheter cardiovascular therapeutics 2000. Conference report. *Cardiovascular Journal of Southern Africa*,12(5):278-279.

Dowdy, L, Wagner, G, Birnbaum, Y, Clemmensen P, Maynard, C, Menown, I, Serjersen, M, Young, D & Johansson, P. 2004. Aborted infarction: the ultimate myocardial salvage. *American Heart Journal*, 147:390-394.

Dracup, K & Cannon, C. 1999. Combination treatment strategies for and management of acute myocardial infarction: new directions with current therapies. *Critical Care Nurse*, 19(2):2-8.

Dracup, K, Moser, D, McKinley, S, Ball, C, Yamasaki, K, Kim, C, Doering, LV & Caldwell, MA. 2003. Clinical scholarship: an international perspective on time to treatment for acute myocardial infarction. *Journal of Nursing Scholarship*, 35(4):317-323.

Dubin, D.1996. *Rapid Interpretation of EKG*. Florida: Cover.

Duchteau, F, Preiss, V, Ricard-Hibon, A, Chollet, C & Marty,J. 2001. Out-of-hospital thrombolytic therapy during cardiopulmonary resuscitation in refractory cardiac arrest due to acute myocardial infarction. *European Journal of Emergency Medicine*, 8(3):241-243.

Edhouse J, Saker M, Wardrope J & Morris. 1999. Thrombolysis in acute myocardial Infarction: the safety and efficacy of treatment in the accident and emergency department. *Journal of Accident and Emergency Medicine*, 16(5):325-330.

Estudio Multicentrico Estreptoquinasa Republica de America de Sur (EMERAS). 1993. Collaborative group: randomized trial of late thrombolysis in patients with suspected acute myocardial infarction. *Lancet*, 342:767-772.

Errazti, F, Rami, V, Soriano, R, Domingo, P, Herrero, V, Martinez, A, Serrano, P, Garcia, C, Fernandez, A, Vigeu,r C, Esteban, F, Ortiz, F, Boska, P, Domingo, P & Rodriquez, H. 1999. Changes in hospital mortality from AMI during the last 15 years: the impact of reperfusion therapy. *Revista Espanola Cardiologia*, 52(8):547-555.

Fairservice, I. 2003. *Dubai: Gateway to the Gulf*. Arabian Heritage Series. Dubai: Motivate.

Faxon, DP. 1997. Thrombolytic therapy versus angioplasty: Which offers the best outcome after myocardial infarction? Symposium: second of five articles on Myocardial Infarction: *Post Graduate Medicine*, 102(5): 97-98, 103-104, 107-108.

Fibrinolytic Therapy Triallist (FTT) Collaborative Group. 1994. Indications for fibrinolytic therapy in suspected acute myocardial infarction: collaborative overview of early mortality and major morbidity results from all randomized trials of more than 1 000 patients. *Lancet*, 343:311-322.

Fox, K. 2000. Acute coronary syndrome presentation: clinical spectrum and management. *Heart*, 84:93-96.

Fox, K, Birkhead, J, Wilcox, R, Knight, C & Baith, J. 2004. British cardiac society-working group on definition of myocardial infarction. *Heart*. 90:603-609.

Friedman, H, Chelluri, L, Sirio, C, Angus, D, Ogunyankin, K, Topol, E, Califf, R, Fuster, C & Van de Werf, F.1994. Coronary thrombosis: a perspective for the practicing physician. *New England Journal of Medicine*, 330:504-506.

Futterman, L, Correa, A & Lemberg, L. 1996. Cardiology case book. Thrombolysis or primary angioplasty? An ongoing controversy in the management of acute myocardial infarction. *American Journal of Critical Care*, 5(2):160-167.

Garrot, P, Pascal, O, Simon, M, Monin, JL, Dupouy, P, Elbaz, N, Teiger, E, Garot, J, Gueret, P & Dubois-Rande, JC. 2002. Time course and relation to local viability of micro-vascular function and volume after reperfused acute myocardial infarction. *American Journal of Cardiology*, 89:1341-1346.

Gaziano, JM, Hennekens, C, Godfriend, S, Sesso, H, Glynn, R, Breslow, J & Buring, J. 1998. Type of alcohol: beverage and risk of myocardial infarction. *American Journal of Cardiology*, 31:52-57.

Geyer, N. 2002. Nurses prescribing medications. *Nursing Update*, 26(3):35.

Ghanima, W, Skulstad, H, Falk, K, Ringstad, J. 2000. Time delay in the treatment of myocardial infarction in Norway. *Tidsskr Nor Laegeforen (Norwegian)*, 120(16):1851-1853.

Gibson, C, Murphy, S, Marble, S, McCabe, C, Braunwald, E, Antman, E & Cannon, C. 2001 Can we replace the 90 minute thrombolysis in myocardial infarction (TIMI) flow grade with those at 60 minutes as a primary end point in thrombolytic trails? (TIMI Study Group). *American Journal of Cardiology*, 87(4):450-453.

Gill, S, Haastrap, B, Haghfelt, T, Dellborg, M & Clemmensen, A. 2000. Early reperfusion assessment and repeated thrombolysis in acute myocardial infarction estimated by repeated standard electrocardiography: a randomised, double-blind, placebo-controlled pilot study. *Cardiology*, 94(1):58-65.

Giordano, F. 1998. Thrombolysis or primary percutaneous transluminal coronary angioplasty: which is best in acute myocardial infarction? *Topics in Emergency Medicine*, 20(3):47-56.

GISSI-1. 1986. Gruppo Italiano per lo studio della Streptochinasa nell Infarcto Miocardico. Effectiveness of Intravenous Thrombolytic therapy in Acute Myocardial Infarction. *Lancet*, 1:397-401.

GISSI-1. 1993. Estudio Multicentrico Estreptoquinase Republica de America de Sur Collaborative group. Effectiveness of intravenous thrombolytic therapy. *Lancet*, 1: 761-767.

GISSI-2. 1990. Gruppo Italiano per lo Studio della Sopravvivenza nell'Infarto Micardico. A factorial randomized trial of alteplase versus streptokinase, and heparin versus no heparin, among 12,490 patients with acute myocardial infarction. *Lancet*, 336: 65-71.

Goldenberg, I, Matetzky, S, Hod, H, The Behar, S & Friemark, D. 2001. Outline of patients with electrocardiographic evidence of left ventricular hypertrophy following thrombolytic therapy for acute myocardial infarction. *American Journal of Cardiology*, 88(9):1024-1061.

Gramer, K.1992. *A practical guide to ECG interpretation*. St Louis: Mosby.

Greene, R. 2001. What are TIMI trials? (www.healthgrades.com).

GUSTO-I Angiographic Investigators. 1993a. An international randomized trial comparing four thrombolytic strategies for acute myocardial infarction. *New England Journal of Medicine*, 329:673-682.

GUSTO-II Angiographic Investigators. 1993b. The effects of tissue plasminogen activator, streptokinase, or both on coronary artery patency, ventricular function, and survival after acute myocardial infarction. *New England Journal of Medicine*, 329:1615-1622.

GUSTO-III. 1997. A comparison of reteplase with alteplase for acute myocardial infarction. *New England Journal of Medicine*, 337:1118-1123.

Habib, G. 1995. Current status of thrombolysis in acute myocardial infarction. *Chest*, 107(1):225-232.

Hall, J, Schmidt, G & Wood, D. 1998. *Principles of critical care*. London: McGraw-Hill.

Hancock, J, Cooke, J, Chin, D & Monaghan, M. 2002. Determinants of successful reperfusion after thrombolysis for acute myocardial infarction: a non-invasive method using ultrasonic tissue characterization that can be applied clinically. *Circulation*, 105(2):157-161.

Harloch, R.1995. Thrombolytic therapy's for acute myocardial infarction. Implication for pre- hospital emergency care. *Australian Journal of Emergency Medicine*, 2(4):37-40.

Harney, A, McClean, R, Rawles, J & Stewart, D. 2003. Is the national service framework standard for thrombolytic therapy achievable in a rural area? *Journal of Public Health Medicine*, 1:19-21.

Hasdai D, Topol, E, Kilaru, R, Granger, C, Van de Werf, F, Ohman, C, Simoons, M, O'Conner, C, Holmes, D & Battler, A. 2003. Frequency, patient characteristics and outcomes of mild to moderate heart failure complicating ST segment elevation acute myocardial infarction; lessons from four international fibrinolytic therapy. *American Heart Journal*, 145:73-79.

Heidenrich, J., Wellman, J, Hense, SW, Siebert, E, Liese, AD, Lowel, H & Kiel, U. 2003. Classical risk factors for acute myocardial infarction and mortality in total community: 3 year follow-up of the MONICA (Monitoring of trends and determinants in cardio-vascular diseases) Augsburg cohort study. *Journal of Cardiology*, 92:445-454.

Helft, G, Worthley, S, Zaman, A, Samama, M & Badimonc J. 2000. Thrombolysis and adjunctive therapies in acute myocardial infarction. *Haemostasis*, 30(4):159-167.

- Heyns, A & Landless, P. 1998. Antithrombotic therapy for acute myocardial infarction. Part 1. *Cardiovascular Journal of Southern Africa*, 88(2):107-114.
- Hirayama, A, Kusuoka, H, Adachi, T, Sakai, A, Ueda, Y, Okayama, Y, Fuji, H, Sukatu, Y, Asakura, M, Yamamoto, H, Higach,i Y, Hori, M & Kodanna K. 2002. Comparison of time of reperfusion during anterior wall acute myocardial infarction to left ventricular volume 1 month and 20 months later. *American Journal of Cardiology*, 89:1335-1340.
- Hiroshi, T, Tomooka, T, Sakai, N, Hisahiro, Y, Higashino, Y, Fujii, K, Masuyama, T, Akira, K & Minamino, T.1 992. Lack of myocardial perfusion immediately after successful thrombolysis. *Circulation*, 16: 1699-1705.
- Hobbach, H & Schuster, P. 2001. New thrombolytic regimen in acute myocardial infarction. *Lancet*, 358:2000.
- Hollander, JF, Burstein, J, Hoffman, R, Shih, R & Wilson, LD. 1995. Cocaine associated myocardial infarction: clinical safety of thrombolytic therapy. *Chest*, 107(5):1237-1241.
- Horne, R, James, D, Petrie, K, Weinman, J & Vincent, K. 2000. Patients' interpretation of symptoms in a cause of delay in reaching hospital during acute myocardial infarction. *Heart*, 83(4):388-393.
- Hudak, C, Gallo, B & Morton, P. 1997. *Critical care nursing: a holistic approach*. Philadelphia: Lippincott.
- Huddleston, S & Ferguson, S. 1997. *Critical care and emergency nursing*. Pittsburg: Springhouse.
- Hunter, J & Girad, D. 2001. Thrombolysis in infective endocarditis associated with acute myocardial infarction. *Journal of Emergency Medicine*, 21(4):401-406.
- Hourigan, G, Mountain, D, Langton, P, Jacobs, I, Roger, I, Jelinek, G & Thompson, P. 2000. Changing the site of delivery of thrombolytic therapy for acute myocardial infarction from coronary care unit to emergency department greatly reduces door to needle time. *Heart*, 84:157-163.
- House, MA . 1992. Thrombolytic therapy for acute myocardial infarction: the elderly population. *American Clinical Issues in Critical Care Nursing*, 3(1):106-113.
- International Study of Infarct Survival (ISIS-2). 1995. Randomized double-blind group of reteplase double bolus administration with streptokinase in acute myocardial infarction (INJECT – trial to investigate equivalency). *Lancet*, 346:329-336.
- International Study of Infarct Survival (ISIS-3). 1999. A randomized comparison of streptokinase versus tissue plasminogen activator versus antiplase and aspirin plus heparin versus aspirin alone among 41,299 cases of suspected acute myocardial infarction. *Lancet*, 339:753-770.

Intravenous Streptokinase in Acute Myocardial infarction study group (ISAM). 1986. A prospective trial in intravenous streptokinase in acute myocardial infarction: mortality, morbidity and infarct size at 21 days. *New England Journal of Medicine*, 314:1465-1471.

I

Ito-H, H, Tonooka, T, Sakai, N, Yu, H, Higashimo, Y, Fujii, K, Masuyama, T, Kitabatake, A & Minamino, T. 1992. Lack of myocardial perfusion after successful thrombolysis: a predictor of poor recovery of left ventricular failure in anterior myocardial infarction. *Circulation*, 85:1649.

Jacques, J. 2003. Comparative fibrinolytic therapy of front-loaded alteplase with single bolus the tenecteplase during treatment for acute myocardial infarction. *American Heart Journal*, 2:45.

Jairuth, N. 1999. Coronary heart disease and risk factors management: a *nursing perspective*. Philadelphia: Sanders.

Jaffe, A & Miller, W. 2003. *Acute myocardial infarction: essentials of diagnosis*. New York: McGraw-Hill.

Jenkins, K. 1994. *Acute cardiac care: community and hospital management of acute myocardial infarction*. Oxford: Oxford University Press.

Jensen-Urstad, M, Samad, B, Jensen-Urstad, K, Hulting, J, Ruiz, H, Bouvier, F & Hojer, J. 2001. Risk assessment in-patients with acute myocardial infarction treated with thrombolytic therapy. *Journal of Internal Medicine*, 249(6):527-537.

Jobe, K. 1998. Thrombolytic therapy: 10 questions physicians often ask. *Consultant*, 37(6):1450-1452, 1455-1456, 1461-1462.

Julian, D, Conway, C & McLenachan, E. 1998. *Cardiology: coronary heart disease - acute myocardial infarction*. Philadelphia: Saunders.

Kamal, A, Al-Shwafi, M, Meester, A, Pirenne, B, Jacques, J & Col, MD. 2003. Comparative fibrinolytic activity of front loaded alteplase and single bolus mutant tenecteplase and lanotopase during treatment of myocardial infarction. *American Heart Journal*, 145(2): 1-10.

Keeley, E, Boura, J, & Grines, C. 2003. Primary angioplasty versus thrombolytic therapy: quantitative review of 23 randomised trials. *Lancet*, 313: 13-18.

Keeling, P, Hughes, D, Shaw, S, Barton, A & Price, L. 2003. Safety and feasibility of pre-hospital thrombolysis carried out by paramedics. *British Medical Journal*, 327: 27-28.

Keller, NM & Feit, F. 1998a. Thrombolytic therapy in acute MI, Part 1. New approaches: an update on today's agents - and those you may be using tomorrow. *Journal of Critical Illness*, 13(9):541-545.

- Keller, NM & Feit, F. 1998b. Thrombolytic therapy in acute MI, Part 2. Update on adjunctive maximizing reperfusion with antiplatelet and antithrombotic agents. *Journal of Critical Care Illness*, 13(10):646-652.
- Kelly, AM, Kerr, D, Patrick, I & Walker, T. 2003. Call to needle time for thrombolytics in acute myocardial infarction in Victoria. *Medical Journal of Australia*, 178(8):381-385.
- Khoury, SA, Fardous, T & Massad, ID. 1999. Mortality and causes of death in Jordan: acute myocardial infarction, 1995-1996. *Bulletin of the World Health Organization*, 77(8):641-650.
- Kline-Rogers, E, Martin, J & Smith, D. 1999. New era of reperfusion in acute myocardial infarction. *Critical Care Nurse*, 19(1):25-33.
- Krishnamani, R & Senior, R. 2002. Evaluation of myocardial viability after myocardial infarction. *European Heart Journal*, 4:C35-C38.
- Kucia, AM, Taylor, K, & Horowitz, A. 2001. Can a nurse trained in coronary care expedite emergency management of patients with acute coronary syndromes? *Heart and Lung*, 30:186-190.
- Kucia, AM & Zeitz, CJ. 2002. Failed reperfusion after myocardial infarction: recognition and management. *Heart and Lung*, 31(2):113-121.
- Lam, CW. 1999. Myocardial infarction and cardiac markers. Department of Chemical Pathology. Chinese University of Hong Kong.
- Lambrew, C, Bowlby, L, Roger, W, Chandra, N & Douglas, W. 1997. Factors influencing the time to thrombolysate in AMI. *Archives of Internal Medicine*, 157:2577-2582.
- Langer, A, Krucoff, M, Klootwijk, PK, Veldkamp, R, Simoons, M, Granger, C, Califf, R & Armstrong, P. 1995. Non invasive assessment of speed and stability of infarct-related artery: results of GUSTO ST segment elevation monitoring study. (For GUSTO Investigators). *Journal of American College of Cardiology*, 25:1551-1557.
- Langford, R. 1997. *Navigating the maze of nursing research: an interactive learning adventure*. St Louis: Mosby.
- Late assessment of Thrombolytic Efficacy (LATE). 1993. Study with alteplase 6-24 hrs after onset of acute myocardial infarction. *Lancet*, 342:759-766.
- Lauer, M. 2000. *Manual of cardiovascular medicine: acute myocardial infarction*. London: Lippincott Williams & Wilkins.
- LeMay, M, Labinaz, M, Davies, R, Marquis, J, Laramee, L, O'Brien, E, Williams, W, Beaulands, R, Nichols, G & Higgison, L. 2001. Stenting versus thrombolysis in acute myocardial infarction. *Journal of American College of Cardiology*, 37(4):985-991.

- Letovsky, E & Allen, T. 1996. Initiating thrombolytic therapy for acute myocardial infarction: whose job is it anyway? *Canadian Medical Association Journal*, 154:509-511.
- Levine, M. 1991. Bolus front-loaded and accelerated thrombolytic infusion for myocardial infarction and pulmonary embolism. *Chest*, 99(4):128S-134S.
- Lieberman, KS. 1995. Markers of reperfusion after thrombolytic therapy for acute myocardial infarction. *Journal of Emergency Nursing*, 21(2):112-115.
- Lincoff, M, Topol, E, Califf, R, Sigmon, K, Lee, K, Ohman, M, Rosenschein, U & Ellis, S. 1995. Significance of a coronary artery with thrombolysis in myocardial infarction, Grade 2 flow "patency". (Outcome in the thrombolysis and angioplasty myocardial infarction trials). *American Journal of Cardiology*, (75):871-876.
- Lincoff, AM & Topol, E. 1993. Illusion of reperfusion: does anyone ever achieve optimal reperfusion during acute myocardial infarction? *Circulation*, 88:1361-1374.
- Lloyd, G, Roberts, A, Bashir, I, Kamalvand, K, Mumby, M & Cooke, R. 2000. An audit of clinical nurse practitioner led thrombolysis to improve the treatment of acute myocardial infarction. *Public Health Medicine*, 22(4):462-465.
- Lochner, A. 2000. "Time is muscle". The role of thrombolysis in acute myocardial infarction. *South African Journal of Continuing Medical Education* 18(3):208-213.
- Llavadot, J, Giugliano, P, Elliot, M & Antman, M. 2001. Bolus fibrinolytic therapy in acute myocardial infarction. *JAMA*, 286(4):422-449.
- Lord, B. 2000. The role of cardiac markers in the early identification of acute myocardial ischemia. *Australian Journal of Emergency Care*, 7(1): 8-13.
- Loubeyre, C, Lefevre, T, Louvard, Y, Dumas, P, Piechaud, JF, Lanore, J, Angellier, J, Le-Tarne, J, Karrillon, G, Margenet, A, Pouges, C & Morice, M. 2001. Outcome after combined reperfusion therapy for acute myocardial infarction, combining pre hospital thrombolysis with immediate percutaneous coronary intervention and stent. *European Heart Journal*, 22(13):1128-1135.
- Lundergan, C, Reiner, J & Ross, A. 2000. How long is too long? Association of time delays to successful reperfusion and ventricular function outcome in acute myocardial infarction: the case for thrombolytic therapy before planned angioplasty for acute myocardial infarction. *American Heart Journal*, 144:456-62.
- Mahon, N, Codd, M, O' Rourke, C, Egan, B, McCann, H & Sugrue, D. 1999. Management and outcome of acute myocardial infarction in older patients in the thrombolytic era. *Journal American Geriatrics Society*, 47:291-294.

- Mahon, N & McKenna, C, Codd, M, O'Rourke, R, McCann, A & Sugrue, D. 2000. Gender differences in management and outcome of acute myocardial infarction in un- selected patients in the thrombolytic era. *American Journal of Cardiology*, 85(8):921-926.
- Majid, DJ, Calonge, BN, Rumsfeld, JS, Canto, JG, Frederick, PD, Every, NR & Barron, HV. 2000. Relation between hospital primary angioplasty volume and mortality for patients with acute myocardial infarction treated with primary angioplasty versus thrombolytic therapy. *Journal of American Medical Association*, 284(24):3131-3138.
- Mark, D, Hlatky, M, Califf, R, Naylor, C, Lee, K, Armstrong, P, Barbash, G, White, H, Simoons, M, Nelson, C, Clapp-Channing, N, Knight, Y, Harrel, F, Simes, J & Topol, E. 1995. Cost effectiveness of thrombolytic therapy with tissue plasminogen activator as compared with streptokinase for acute myocardial infarction. *New England Journal of Medicine*, 332(21):1418-1424.
- Marsoo, S, Griffin, BP & Topol, E. 2000. *Manual of cardiovascular medicine*. Philadelphia: Williams & Wilkins.
- Marx, JD. 1988. Thrombolysis in acute myocardial infarction. *South African Journal of Continuing Medical Education*, 16:43-47.
- Massel, D & Klein, G.1999. *Coronary thrombolysis: guidelines and policies*. (accessed from www.aha.org).
- Massel, D. 1999. Evidence-based medicine and reteplase: inductive arguments over deductive reasoning. *Canadian Journal of Cardiology*, (15):999-1005.
- Mauri, F, Franzosi, M, Maggioni, A, Santoro, E & Santoro, L. 2002. Clinical Value of 12 lead electrocardiography to predict the long term prognosis of GISSI – 1 patients. *Journal of the American College of Cardiology*, 39:1594-1600.
- Maxey, C. 1997. A case map reduces time to administration of thrombolytic therapy in patients experiencing an acute myocardial infarction. *Nursing Case Management*, 2(5):229-237.
- Mbeki, T. 2002. Reaching out for a better health for all. *Nursing Update*, 26(1):26-28.
- McCabe, M & West, R. 1998. Time to thrombolysis in acute myocardial infarction in a representative sample in 30 United Kingdom hospitals. *Coronary Health Care*, 2(2):81-83.
- McErlean, E. 1999. Thrombolytic therapy versus primary angioplasty in the treatment of acute myocardial infarction. *Journal of Cardiovascular Nursing*, 13(3):46-59.
- McLaughlin, J, Gurwitz, J, Willison, D, Gao, X & Soumerai, S. 1999. Delayed thrombolytic treatment of old patients with acute myocardial infarction. *Journal of the American Geriatrics Society*, 47(47):1222-1228.

- Mehta, S, Eikelboom, J & Yusuf, S. 2000. Risk of intracranial haemorrhage with bolus dose versus infusion thrombolysis: a meta-analysis. *Lancet*, 356:449-454.
- Meischke, H, Eiesenberg, MS, Schaeffer, SM, Damon, SK, Larsen, MP & Henwood, DK. 1995. Utilization of emergency medical services for symptoms of myocardial infarction. *Heart and Lung: Journal of Critical Care*, 24(1):11-18.
- Mitka, M. 2004. Heart disease a global health threat. *Journal of American Medical Association*, 291(21):2533-2538.
- Morrison, L, Verbeek, P, McDonald, A, Sawadsky, B & Cook, D. 2000. Mortality and prehospital thrombolysis for acute myocardial infarction: a meta-analysis. *JAMA*, 283(20):2686-2692.
- Mouton, J. 2001. *How to succeed in your master's and doctoral studies: a South African guide and resource book*. Pretoria: Van Schaik.
- Mumford, A, Warr, K, Owen, JJ & Fraser, A. 1999. Delays by patients in seeking treatment for acute chest pain: implication for achieving earlier thrombolysis. *Post Graduate Medical Journal*, 75(880):90-95.
- Nakatani, D, Sato, H, Kinjo, K, Mizuno, H, Hishida, E, Hirayama, A, Mishima, M, Ito, H, Matsumura, Y & Hori, M. 2003. Effects of successful late reperfusion by primary coronary angioplasty on mechanical complications of AMI. *American Journal of Cardiology*, 92:785-788.
- National Heart Attack Alert Program (NHAAP). 2002. Coordinating Committee Critical Pathway Working Group: critical pathway for management of patients with acute coronary syndrome. An assessment by the NHAAP. *American Heart Journal*, 143:777-789
- National Heart Attack Alert Program (NHAAP). 1995. Coordinating Committee: access to care, staffing and equipping emergency medical services: rapid identification and treatment of acute myocardial infarction. *American Journal of Emergency Medicine*, 13:58-66.
- National Heart Attack Alert Program (NHAAP). 1994. Coordinating Committee: 60 minutes to treatment working group. Emergency department: rapid identification and treatment of patients with acute myocardial infarction. *Annual of Emergency Medicine*, 23:311-329.
- National Heart Attack Alert Program (NHAAP). 1993. *Rapid identification and treatment of patients with acute myocardial infarction*. Publication No 93-3303. Washington, DC: US Department of Health and Human Services.
- Nicolau, J, Serrano, C, Garzon, S & Ramires, J. 2001. Prognosis of acute myocardial infarction in thrombolytic era: medical evaluation is still valuable. *European Heart Journal*, 3(5):569-576.
- Norman, EM. 1998. Critical care extra. Critical questions. Risk of hemorrhage after thrombolytic therapy. *American Journal of Nursing*, 98:16.

- Norris RM. 2000. Coronary disease: the natural history of acute myocardial infarction. *Heart*, 83:726-730.
- Oh, TE. 1997. *Intensive care manual*. Oxford: Butterworth-Heinemann.
- Oosthuizen, PJ. 2000. *The knowledge of critical care nurses regarding intra-cardiac balloon pump: counter pulsation therapy*. Unpublished master's dissertation. Pretoria: University of South Africa.
- Osguthorpe, S & Somelofski, C. 1991. Early hospital arrival and treatment of patients with Acute Myocardial Infarction: practice management and your role in thrombolytic therapy. Prenational teaching institute conference held by the American Association of critical care nurses. *Heart and Lung Journal of Critical Care*, 20(5):535-596.
- Ott, I , Malcouvier, V, Schomig, A & Neumann, F. 2002. Proteolysis of tissue factor pathway inhibitor-1 by thrombolysis in acute myocardial infarction. *Circulation*, 105(S3):279-281.
- Otrowski, M. 2001. Providing culturally competent care. *R/N's Travel Nursing Today*:1-9.
- Oxford Dictionary of recent English. 1994. &th Edition. Oxford: Clarendon Press.
- Pearson, J. 2004. More Britons than ever living with heart disease. *Circulation*, 7(6): 1-2.
- Pedley, D, Bisset, K, Connolly, E, Goodman ,C, Golding, I, Pringle, T, McNeill, C & Jones, MC. 2003. Prospective observational cohort study of time saved by prehospital thrombolysis for ST segment elevation myocardial infarction delivered by paramedics. *British Medical Journal*, 327:22-26.
- Phibbs, B. 1997. *The human heart: basic guide to heart disease*. Philadelphia: Lippincott.
- Pilote, L, Miller, D, Califf, R, & Topol, E. 2001. Recurrent ischemia after thrombolysis for acute myocardial infarction. *American Heart Journal*, 141(4):559-565.
- Polit, D, Beck, C & Hungler, B. 2001. *Essentials of nursing research: methods, appraisal and utilization*. Philadelphia: Lippincott.
- Polit, D & Hungler, B. 1999. *Nursing research: principles and methods*. Philadelphia: Lippincott.
- PRIME Investigators. 2002. Multicenter, dose- ranging study of efegatran sulfate versus heparin with thrombolysis for acute myocardial infarction. The promotion of reperfusion in myocardial infarction evolution (PRIME) trial. *American Heart Journal*,143(1): 95-105.
- Pringlinger, U & Huber, K. 2000. Thrombolysis in acute myocardial infarction. *Drugs and Ageing*, 16(4):301-312.

- Purcel, J, Newall, W & Farrer, M. 1997. Changes in ST segment elevation 60 min after the thrombolytic initiation predicts clinical outcomes as accurately as later. Electrocardiographic changes. *Heart*, (78):465-471.
- Qasim, A, Chauhan, A & More, R. 2000. Failed thrombolysis in acute myocardial infarction. *International Journal of Cardiology*, 75(1):5-14.
- Qasim, A, Malpass, K, O' Gorman, DJ & Heber, ME. 2002. Safety and efficacy of nurse initiated thrombolysis in-patients with acute myocardial infarction. *British Medical Journal*, 324(7349):1328-1331.
- Quinn, T & Thompson, DR. 1995. Administration of thrombolytic therapy to patients with acute myocardial infarction. *Accident and Emergency Nursing*, 3(4):208-214.
- Rajgopalan, R, Chandrasekeran, S, Pai, M, Rajaram, R & Mahendra, S. 2001. Prehospital delay in acute myocardial infarction in an urban Indian hospital: a prospective study. *National Medical Journal of India*, 14(1):8-12.
- Rapaport E. 1991. Overview: rationale of thrombolysis in treating acute myocardial infarction. *Heart and Lung Journal of Critical Care*, 20(5):538-541, 590-593.
- Rashed, W, Singh, S, Jamal, W, Constandi, M, Memon, AM, Kandari, F & Zubaid, M. 1998. Thrombolytic therapy in AMI: Experience at University hospital in Kuwait. *Annual Saudi Medicine*, 18(4):301-304.
- Rawles, J. 1997. Quantification of the benefit of earlier thrombolytic therapy: five-year results of the Grampian Region Early Anistreplase Trial (GREAT). *Journal of American College of Cardiology*, 30:1181-1186.
- Rawles, J, Sinclair, C, Jennig, K, Ritchie, L & Waugh, N. 1998. Call to needle time after acute myocardial infarction in urban & rural areas in northeast Scotland: prospective observational study. *British Medical Journal*, 317:576-578.
- Reilly, A Dracup, K & Dattolo, J. 1994. Factors influencing prehospital delays in patients experiencing chest pain. *American Journal of Critical Care*, 3(4):300-306.
- Rhoades, R & Pflanzler, R. 1996. *Human physiology*. St Louis: Mosby.
- Ritzman, P, Frey, R & Ruttiman, S. 2000. Acute myocardial infarction: time delay from onset of pain to hospital presentation and thrombolysis. *Schweig Medizinische Wochenschrift*, 130(18):657-663.
- Rivello, RJ & Hoekstra, JW. 1998. Thrombolytic therapy: how best to use in acute myocardial infarction. *Consultant*, 38(10):2365-2367, 2371-2372, 2375-2376.

Roettig, ML & Tanabe, P. 2000. Emergency management of acute coronary syndromes. *Journal of Emergency Medicine*, 26(6):S1-S42.

Rosenstein, AH, Hanel, JB & Martin, C. 2000. Timing is everything: impact of emergency department care on hospital length of stay. *Journal of Clinical Outcomes Management*, 7(8):31-36.

Ross, MF. 2001. *Researchers find ethnic differences in reports of pain perception*. (Accessed website: www.culturalresponsestopain.com).

Ruiz-Balen, M, Aguayo-de-Hoyos, E, Corcoles-Serrano, M, Diaz-Castellanos, M, Ramos-Cuadra, J & Reina-Toral, A. 2001. Efficacy of thrombolysis in patients with acute myocardial infarction requiring cardiopulmonary resuscitation. *Intensive Care Medicine*, 27(6):1050-1057.

Ryan, TJ & Antman, EM. 1996. ACC/AHA Guidelines for the management of patients with acute myocardial infarction: a report of the American College of Cardiology/American Heart Association Task Force on practice guidelines (Committee on Management of Acute Myocardial Infarction). *Journal of American College of Cardiology*, 28:1328-1339.

Ryan, TJ, Antman, EM, Brooks, RA, Califf, RM, Hillis, LD, Hiratzka, L, Rapaport, E, Riegel, I B, Russel, R, Smith, E & Weaver, W.: 1999. Update on American College of Cardiology and American Heart Association guidelines on management of patients with acute myocardial infarction - executive summary and recommendation. *Circulation*, 100:1016-1030.

Sala, F, Barcena, P, Rota A, Roca, V, Lopez, L, Puigdevall, I, Soldevilla, G & Luna, A. 2002. Sustained ventricular tachycardia as a marker of inadequate myocardial perfusion during acute phase of myocardial infarction. *Clinical Cardiology*, 25:328-334.

Samad, B, Hojer, J, Bouvier, F, Jensen Urstad, K, Frick, M, Ruiz, H, Hulting, J & Jensen-Urstad, M. 2001. Spontaneous delayed recovery of perfusion after thrombolysed acute myocardial infarction - is it predictable before discharge? *Journal of American Society of Echocardiography*, 14(9):902-909.

Sara, K. 1999. Thrombolytic agents in district hospitals. *European Medical Heart Journal*, 5(1):182-185.

Sebastian, VJ. 2004. Diabetes mellitus and cardiovascular disorders in the United Arab Emirates. Tawam: Faculty of Medicine.

Selim, N & Hmoudah, H. 2002. A pilot study of cardiac troponin 1 in patients with acute myocardial infarction and unstable angina. *Saudi Medical Journal*, 23(5): 526-528.

Senior, J & Patel, N. 1998. Reducing thrombolytic therapy delays in the emergency department. *Journal of Quality in Clinical Practice*, 18(2):99-107.

Shih, C. 1998. Clinical practice guidelines for evaluating acute coronary syndromes in chest pain patients in emergency departments. Kaiser Permanente (www.clinicalMibrary.ca.kp.org).

Sheffield, D. 2000. *Researchers find ethnic differences in reports of pain perception* (www.culturalresponsestopain.com).

Showalter, S. 2004. Culture and pain (www.Healthcareprofessionals.com).

Smalling, R, Bode, C & Kabfleisch, J. 1995. More rapid, complete and stable coronary thrombolysis with bolus administration of reteplase compared with alteplase infusion in acute myocardial infarction (RAPID Investigators). *Circulation*, 91:2723-2725.

Smith, DM. 1999. Towards excellence in quality patient care: a clinical pathway for myocardial infarction patients. *Journal of Quality in Clinical Practice*, 19(2):103-105.

Smith, R. 2004. Intervention rates and outcomes following acute myocardial infarction. *Canadian Journal of Cardiology*, 3(4):1-2.

:

Smeltzer, S & Bare, B. 2000. *Brunner and Suddarth's textbook of medical-surgical nursing*. Philadelphia: Lippincott.

Spiers, CM. 2003a. Managing thrombolysis in accident and emergency department. *Accident and Emergency Nursing*, 11(1):33-38.

Spiers, CM. 2003b. Detecting failed thrombolysis in the accident and emergency department. *Accident and Emergency Nursing*, 11(4):221-225.

Spinler, S & Inverso, S. 2001. Update on strategies to improve thrombolysis for acute myocardial infarction. *Pharmacotherapy*, 21(6):691-716.

Srinivas, V, Cannon, C, Gibson, C, Antman, E, Greenberg, M, Tanasijevic, M, Murphy, S, De Lemos, S, Sokol, S, Braunwald, A & Mueller, H. 2001. Myoglobin levels at 12 hours identify patients at low risk for 30 day mortality after thrombolysis in acute myocardial infarction: A thrombolysis in myocardial infarction (TIMI) 10B study. *American Heart Journal*, 142(1):29-36.

Steg, PG, Bonnefou, F, Chabaud, S, Lapostolle, F, Dubien, PY, Cristofini, P, Leizorovicz, A & Touboul, P. 2003. Fibrinolysis or primary angioplasty. Data from the CAPTIM randomised trial. *Circulation*, 108:2851-2853.

Stewart ,J, French, J, Theroux, P, Ramanathan, K, Solymoss, C, Johnson, R & White, H. 1998. Early non-invasive identification of failed reperfusion after intravenous thrombolytic therapy in acute myocardial infarction. *Journal of American College of Cardiology*, 31:1499-1450.

Swearingen, P & Keen, JH. 1995. *Manual of critical care nursing: nursing intervention and collaborative management*. St Louis: Mosby.

Thelan, L, Urden, L, Lough, M & Stacy, K. 1998. *Critical care nursing: diagnosis and management*. Toronto: Mosby.

- Thrombolysis in Myocardial Infarction (TIMI) Study Group. 1985. The thrombolysis in myocardial infarction (TIMI) trial phase1 findings. *New England Journal of Medicine*, 312:932.
- Tikiz, H, Balbay, Y, Atak, R, Terzi, T, Genc, Y & Kutuk, E. 2001. The effect of thrombolytic therapy on left ventricle aneurysm formation in acute myocardial infarction: relationship to successful reperfusion and vessel patency. *Clinical Cardiology*, 24(10): 656-662.
- Tofferi, JK, Taylor, A, Irwin, FO & Malley, P. 2004. Alcohol intake is not associated with coronary arteriosclerosis. *American Journal of Cardiology*, 148: 803-809.
- Toomy, A & Alligood, M. 2002. *Nursing theorists and their work*. St Louis: Mosby.
- Topol, E. 2000. Coronary disease: acute myocardial infarction: thrombolysis. *Heart*, 83:122-126.
- Topol, E J. 2003. Current status and future prospects for acute myocardial infarction. *Circulation*, 108:111-116.
- Topol, E & Keriakes, D. 2003. Regionalization of care for acute ischemic heart disease: a call for specialized centres. *Circulation*, 107:1463-1466.
- Tsikouris, JP & Tsikouris, AP. 2001. A review of available fibrin specific thrombolytic agents used in acute myocardial infarction. *Pharmacotherapy*, 21(2):207-217.
- Tsirintani, M, Mavrogeni, S, Kleanthous, L & Cokkinos, D. 2000. Supervision of thrombolysis of acute myocardial infarction using Telemedicine. *ICU's & Nursing-Web-Journal*, 2:5.
- Van de Werf, F. 2001. GUSTO-V and ASSENT-3 trials: what lessons can we learn? *Medical Education Resources*, 1(2) :1-11.
- Van de Werf, F, Canon, R & Luyten, A. 1999. Safety and assessment of single bolus administration of TNK-t-PA in acute myocardial infarction (ASSENT trial). *American Heart Journal*, 137: 786-791.
- Van de Werf, F, Barron, H, Armstrong, P, Granger, C, Bertoli, S, Perhsson, K, Verheught, F, Meyer, J, Califf, R, Li, X & Fox, N. 2001. Incidence and predictors of bleeding events after fibrinolytic therapy with fibrin specific agents: a comparison between tenecteplase and reteplase. *European Heart Journal*, 22: 2253-2261.
- Van de Werf, F, Topol, E, Lee, K, Woodlief, L, Granger, C, Armstrong, P, Barbash, G, Guerci, A, Simes, S, Ross, A & Califf, J. 1995. Variation in patient management and outcomes for acute myocardial infarction in the USA and other countries: results of GUSTO Trial. *JAMA*, 273(20):1586-1590.
- Van de Werf, F & White, 1998. Thrombolysis for acute myocardial infarction. *Circulation*, 97:1632-1646

- Vestraete, M, Alfred, E, Arnold, M, Collen, D, Bono, D, Zwaan, C & Raner, E. 1987. Acute coronary thrombolysis with recombinant type tissue Plasminogen activator; initial patency and influence of maintained infusion on reocclusion rate. *American Journal of Cardiology*, 60:231-237.
- Verheugt, FW. 2001. G.P11B/ IIIA blockers with and without thrombolytic agents in pre- hospital treatment of acute myocardial infarction. *Thromb-Res*, 103 (1):S113-116.
- Voiprioi, V, Kuiseman, M, Aluspaal, A, Manatari, R & Rosenberg, P. 2001. Thrombolytic treatment in acute myocardial infarction after out of hospital cardiac arrest. *Resuscitation*, 49(3):251-258.
- Vogt, A & Neuhaus, K. 1996. Thrombolysis and mechanical intervention following myocardial infarction. *European Heart Journal*, 17(E):49-54.
- Wagner, G: 2004. Aborted Infarction: The ultimate myocardial salvage. *American Heart Journal*, 3 (147):390-393.
- Wald, D. 1998. Perceived contraindications to thrombolytic therapy in acute myocardial infarction: a survey at a teaching hospital. *Journal of Accident and Emergency Medicine*, 15:329-331.
- Weaver WD. 1994. Prehospital thrombolysis in myocardial infarction. *Hospital Practice*, 29(4): 77-82, 85.
- Weaver, WD. 1996. Results of RAPID 1 and RAPID 2 thrombolytic trials in acute myocardial infarction. *European Heart Journal*, 17(E):14-20.
- Weiss, W & Michael, K. 1996. *The United Arab Emirates and Oman: two pearls of Arabia*. Dubai: Motivate.
- Welsh, R, Ornato, J & Armstrong, P. 2003. Prehospital management of acute ST elevation myocardial infarction: a time for re-appraisal in North America. *American Heart Journal*, 145:1-8.
- White, HD. 1998. Thrombolytic therapy and equivalent trials. *Journal of the American College of Cardiology*, 3:494-496.
- White, HD & Van de Werf, F. 1998. Clinical cardiology: new frontier thrombolysis of acute myocardial infarction. *Circulation*, 97:1632-1646.
- White, HD. 1992. Thrombolytic therapy for patients with acute myocardial infarction presenting after 6 hours. *Lancet*, 340:221-222.
- Wehrens, X, Doevendans. P, Ophuis,T, Hein ,J, Wellens, M. 2000. Acute ischemic heart disease - A comparison of ECG changes during reperfusion of acute myocardial infarction with thrombolysis or percutaneous coronary angioplasty. *American Heart Journal*, 139(3):430-436.

World Health Organization (WHO). 2004. Statistical information; acute myocardial infarction (www.WHO.org).

Yang, W, Wragg, A & Timms, A. 2002. The practice: casebook-chest pain. *The Practitioner*, 246:385-390.

Yusuf, S, Flather, M, Pogue, J, Hunt, D, Varigos, J, Piegas, L, Avezum, A, Anderson, J, Keltai, M, Budaj, A, Fox, K & Ceremuzynski, L. 1998. Variations between countries in invasive cardiac procedures and outcomes in patients with suspected MI without ST elevation. Organisation to assess ischemic syndromes strategies Investigators (OASIS). *Lancet*, 352:507-514.

Yusuf, S, Hawkens, S, Ounpuu, S, Dans, T, Avezum, A, Lamas, F, Miguee, M, Budaj, A, Pais, P, Varigas, S & Lishey, A. 2004. Effect of potential modifiable risk factors associated with myocardial infarction in 52 countries: INTERHEART control study. *Lancet*, 36: 937.

Zahn, R, Schiele, R, Gitt, A, Schneider, S, Seidl, K, Voigtlander, T, Gottwik, M, Altman, E, Gieseler, U, Rosahl, W, Wagner, S & Senges, J. 2001. Impact of prehospital delay on mortality in patients with acute myocardial infarction treated with primary angioplasty and intravenous thrombolysis. *American Heart Journal*, 142(1):105-111.

Zahn, R, Schiele, R, Gitt, A, Schneider, S, Wienbergen, H, Seidl, K, Voigtlander, T, Gottrich, M, Berg, G, Altman, E, Rosahl, W & Senges, J. 2001. Primary angioplasty versus IV thrombolysis in acute myocardial infarction. Can we define sub-groups of patients benefiting most from primary angioplasty in acute myocardial infarction? Results from the pooled data of maximal individual therapy in acute myocardial infarction registry and myocardial infarction registry. *American Heart Journal*, 31(7) 1827-1835.

Zubaid, M & Rashed, NA. 2001 Thrombolytic therapy in acute myocardial infarction: practice pattern at an Arab Eastern Center. *Acta-Cardiologia*, 56(2):115-119.

Zborwaski, M. Cultural components in responses to pain (www.culturalresponsestopain.com).