

RESEARCH PUBLICATIONS / ACTIVITY

DAVID M. JANICKE, M.D., Ph.D., FACEP

Research Involvement in Cardiology:

GUSTO-III, site co-investigator

A comparison of reteplase with alteplase for acute myocardial infarction. (GUSTO-III). NEJM 337:1118-1123, 1997.

ASSENT-II, site primary investigator

The ASSENT-II Investigators. Single-bolus tenecteplase compared with front-loaded alteplase in acute myocardial infarction: the ASSENT-II double-blind randomized trial. Lancet 354:716-722, 1999.

GUSTO-V AMI, site primary investigator

Acute Coronary Syndrome Emergency Treatment Strategies (ACSETS)

CRUSADE

CLARITY-28

Meeting Abstracts:

Dose-dependent pharmacokinetics of mezlocillin in patients with normal and impaired renal function, poster session, Mezlocillin Symposium, Dusseldorf, Germany 1981.

Dose-dependent pharmacokinetics of mezlocillin in patients with normal and impaired renal function, poster session, Mezlocillin Symposium Dallas, Texas, 1982.

Pharmacokinetics of aztreonam in patients with gram-negative infection, International Congress of Chemotherapy, Vienna, Austria, 1983.

Developmental pharmacokinetics of mezlocillin in newborn infants, International Congress of Chemotherapy, Vienna, Austria, 1983.

Emergency treatment of peritonitis in continuous ambulatory peritoneal dialysis patients, American College of Emergency Physicians Scientific Assembly, Chicago, Illinois, 10/93.

Computer-Based Pharmacokinetic Design of Dosing Regimens For The Pre-Hospital Setting: Lidocaine Maintenance Dosing. David M. Janicke, M.D., Ph.D. and Anthony Billittier, M.D., Society of Academic Emergency Medicine Annual Meeting, Washington, D.C., May, 1994.

A Multicenter Survey of Factors Contributing to Ambulance Misuse. Jeffrey J. Seymour, B.S., Ronald M. Moscati, M.D., Anthony J. Billittier, M.D., and David M. Janicke, M.D., Ph.D., Society of Academic Emergency Medicine Annual Meeting, Washington, D.C., May, 1994.

Alcohol-Related Injuries in Children and Adolescents Presenting to the Emergency Department. Sharon Meropol, M.D., Kathy Lillis, M.D., Ronald Moscati, M.D., and David Janicke, M.D., Ph. D., Ambulatory Pediatrics Association 34th Annual Meeting, Seattle WA., May 1994.

Emergency Medical Care of Athletes: World University Games 1993. David M. Janicke, M.D., Ph. D., Donald J. Jacob, M.D., Richard B. LaFountain, M.D., Mark R. Pundt, M.D., and Gregory E. Young, M.D. Buffalo Alumni Spring Clinic Day, Buffalo, N.Y., April, 1994.

Comparison of Helmet Use Between Bicyclists and Skaters. E. Brooke Lerner, Ronald Moscatti, and David Janicke. SAEM, San Antonio, Texas, 1998.

Medical communication: Do Our Patients Understand? D. Jehle, E.B. Lerner, David M. Janicke, D. Wilson, S. Baran, and R. Moscatti. Society of Academic Emergency Medicine, Annual Meeting, San Antonio, Texas, May 1995.

Can Paramedics Safely Treat and Discharge Hypoglycemic Patients in the Field? A. Billittier, D. Janicke, J. Teuscher. Society of Academic Emergency Medicine, Annual Meeting, Chicago, Illinois, May 1998.

Can Paramedics Safely Treat and Release Hypoglycemic Patients in the Field. Daniel Lance, M.D. Ronald M. Moscatti, M.D., Anthony J. Billittier, M.D., and David M. Janicke, M.D., Ph.D. Vital Signs, 1999.

Guidelines-Based Treatments' Impact on Length of Stay in Patients with Unstable Angina or Myocardial Infarction. John Corbelli, David Janicke, Tracey Hoy, and Mark Cziraky. AHA 7th Quality of Care/Clinical Outcomes Symposium, Washington, DC 5/06.

Guidelines-Based Treatments' Impact on Treatment and Inpatient Mortality in Hospitalized Patients with Unstable Angina or Myocardial Infarction. David Janicke, John Corbelli, Tracey Hoy, and Mark Cziraky. AHA 7th Quality of Care/Clinical Outcomes Symposium, Washington, DC 5/06.

Treatment of Elderly Patients Presenting to the Emergency Department with Acute Coronary Syndrome: Do Guideline Based Critical Pathways Improve Outcomes? David Lee Pierce, David Janicke, John Corbelli. Society of Academic Emergency Medicine, Oral Presentation, 5/06.

Janicke, D.M., A. Mangione, R.M. Schultz, and W. J. Jusko. Mezlocillin disposition in chronic hemodialysis patients. *Antimicrob. Agents Chemother.* 20:590-594, 1981.

Mangione, A., D.M. Janicke, F.D. Boudinot, R.M. Schultz, and W.J. Jusko. Dose-dependent pharmacokinetics of mezlocillin in subjects with normal and impaired renal function. *J. Antimicrob. Chemother.* 9 (Suppl. A):81-85, 1982.

Janicke, D.M., T.T. Rubio, F.H. Wirth, E.M. Karotin, and W.J. Jusko: Developmental pharmacokinetics of mezlocillin in newborn infants. *In* Spitzky K.H. and K. Karrer (eds.), *Proceedings of the 13th International Congress of Chemotherapy*, part 27, 1983.

Janicke, D.M., R.F. Cafarell, S.W. Parker, M.A. Apicella, and W.J. Jusko: Pharmacokinetics of aztreonam (SQ26,776) in infected patients. *In* Spitzky K.H. and K. Karrer (eds.), *Proceedings of the 13th International Congress of Chemotherapy*, part 27, 1983.

Janicke, D.M., T.T. Rubio, F.H. Wirth, E.H. Kartkin, and W.J. Jusko: Developmental pharmacokinetics of mezlocillin in newborn infants. *J. Pediatr.* 104:773-778, 1984.

Janicke, D.M. R.F. Cafarell, S.W. Parker, M.A. Apicella, and W.J. Jusko: Pharmacokinetics of aztreonam in patients with gram-negative infections. *Antimicrob. Agents Chemother.* 27: 16-20, 1985.

Morse, G.D., D.M. Janicke, R. Cafarell, K. Piontek, M. Apicella, W.J. Jusko, J. Walshe: Moxalactam epimer disposition in patients undergoing continuous ambulatory peritoneal dialysis. *Clin. Pharmacol. Ther.* 38:150-156, 1985.

Morse, G.D., D.M. Janicke, R. Cafarell, M.A. Apicella, W.J. Jusko, R.C. Venuto, and J.J. Walshe: IP administration of moxalactam during CAPD. *In* *Frontiers in Peritoneal Dialysis*. Field Rich and Assoc., New York, pp. 135-140, 1986.

Janicke, D.M., G.D. Morse, M.A. Apicella, W.J. Jusko, and J.J. Walshe: Pharmacokinetic modeling of bidirectional transfer during peritoneal dialysis. *Clin. Pharmacol. Ther.* 40:209-228, 1986.

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- Walshe, J.J., G.D. Morse, D.M. Janicke, and M.A. Apicella: Crossover pharmacokinetic analysis comparing intravenous and intraperitoneal administration of tobramycin. *J. Infect. Dis.* 153:796-799, 1986.
- Jungbluth, G.L., F.H. Wirth, T.T. Rubio, D.M. Janicke, and W.J. Jusko: Developmental pharmacokinetics of mezlocillin in four newborn infants. *Developmental Pharmacology and Therapeutics.* 11: 317 -21 , 1988.
- Janicke, D.M., S.W. Parker, R.F. Cafarell, M.A. Apicella, and W.J. Jusko: Pharmacokinetics of mezlocillin in infected patients: comparison of 4g Q6H versus 5g Q8H dosing regimens. *Antimicrobial Agents and Chemotherapy.* 11:317-21, 1988.
- Jungbluth, G.L., D.M. Janicke, and W. J. Jusko: Reversed-phase high-performance liquid chromatographic assay for determination of mezlocillin in human and rat biological samples. *J. Chromatogr.* 494:376-80, 1989.
- Janicke, D.M., D.J. Jacob, R.S. LaFountain, M.R. Pundt, and G.E. Young: Emergency Medical Care in the Athlete's Village: World University Games 1993. *Prehospital and Disaster Medicine.* 10: 113-117, 1995.
- Meropol, S.S., R.M. Moscati, K.A. Lillis, S. Sallow, and D.M. Janicke: Alcohol-Related Injuries in Children and Adolescents in the Emergency Department. *Annals of Emergency Medicine,* August 1995.
- David M. Janicke, M.D., Ph.D. 1994. Hypothermia-Case Report: *In Pearls and Pitfalls in Emergency Medicine,* Edited by S.A. Smith, Clinical Communicatios, Greenwich, CT, 1995.
- Billittier AJ, Moscati R, Janicke D, Lerner EB, Seymour J, Olsson D. A multisite survey of factors contributing to medically unnecessary ambulance transports. *Academic Emergency Medicine.* 3(11):1046-52, 1996.
- Janicke, D.M. and M.R. Pundt: Anorectal Disorders. *In Emergency Medicine Clinics of North America.* 14:757-788, 1996.
- Krause, R. and D.M. Janicke. Ectopic Pregnancy. *In Emergency Medicine: A Comprehensive Study Guide, 5th Edition,* 1999.
- Lerner, E.B., Jehle, D., Janicke, D., and Moscati, R: Medical Communication: Do Our Patients Understand ? *Am. J. Emergency Medicine,* 18:764-766, 2000.
- Dryjski, M., O'Brien-Irr, M, Harris, L, Hassett, J, and Janicke, D: Evaluation of a Screening Protocol to Exclude the Diagnosis of Deep Vein Thrombosis Among Emergency Department Patients. *J Vasc Surg,* 34:1010-1015, 2001.
- Corbelli JC, Janicke, DM, Corbelli, JA, Acute Coronary Syndrome Emergency Treatment Strategies: A Rationale and Road Map for Critical Pathway Implementation. *Critical Pathways in Cardiology,* 2:71-87, 2003.
- Lerner, E.B., Billittier, A.J., Lance, D.R., Janicke, D.M., Teuscher, J.A.: Can Paramedics Safely Treat and Discharge Hypoglycemic Patients in the Field ? *Am J Emerg Med,* 21:115-120, 2003.
- Chaudhuri A, Janicke, D, Wilson, MF et al: Anti-Inflammatory and Profibrinolytic Effect of Insulin in Acute ST Elevation Myocardial Infarction. *Circulation.* 109(7):849-54, 2004 Feb 24.