

Curriculum Vitae – August 31, 2008

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Personal Data:

Born October 28, 1964; Mainz, Germany
Citizenship German (United States Permanent Resident)
Marital status Married, June 1, 1991 to Margaret King
Children Lena Elyce Jorde, April 24, 1992
Wolfgang Chevene Jorde; April 18, 1994

Education

<i>Year</i>	<i>Degree</i>	<i>Field</i>	<i>Institution</i>
5/1983	Abitur (BS)	Chemistry	Stiftisch Humanistisches Gymnasium Moenchengladbach, Germany
5/1991 M.D.	Medicine		Universitaet Hamburg, Germany

Postdoctoral Training

1991-93 Doctoral thesis: Pneumocystis carinii pneumonia
(Prof. Gary P. Wormser); Magna cum laude

Internships and Residencies

1/1993 -12/93 Intern in Medicine, Mount Sinai Medical Center, New York
1/1994 -12/96 Resident in Medicine, Mount Sinai Medical Center, New York

Clinical Fellowship

7/1996 – 6/99 Fellow, Cardiology, Albert Einstein College of Medicine, NY

Licensure and Certification

1991 German Medical License # 7601
1996 New York License # 201-866
1996 Internal Medicine Board Certification # 172523
1999 Cardiovascular Disease Board Certification # 172523
2003 UNOS (Eligible to direct heart transplant program)

Professional Organizations

1991-	German Academic Exchange Service
1999-	American Heart Association
1999-	American College of Cardiology
2002-	Int. Society of Heart and Lung Transplantation

Academic Appointments

7/1996 - 7/99	Instructor in Medicine, Mount Sinai Hospital, New York
7/1999 – 7/00	Instructor in Medicine, Columbia University College of P&S, New York
7/2000 – 8/03	Assistant Professor of Medicine, Columbia University College of P&S, New York
9/2003 – 7/05	Assistant Professor of Medicine, New York University School of Medicine
7/2005 – 7/07	Associate Professor of Medicine New York University School of Medicine
7/2007	Assistant Professor of Medicine Columbia University School of Medicine (Associate Professor Appointment under review)

Hospital Appointments

1/1996 - 6/99	Assistant Attending, Mount Sinai Hospital, New York
9/1999 - 8/03	Assistant Attending, New York Presbyterian Hospital
9/2003 - 6/05	Assistant Attending, NYU Medical Center Medical Director, Heart Failure Program
7/2005 - 6/07	Associate Attending, NYU Medical Center Medical Director, Heart Failure Program
2007-	Associate Attending, New York Presbyterian Hospital Medical Director, Cardiac Assist Device Program

Awards and Honors

1993	Doktor der Medizin (Magna cum laude) Universitaet Hamburg, Germany
1999	Annual Cardiovascular Research Award Albert Einstein College of Medicine, New York
2003-06	Kopf Family Foundation Fellow American Heart Association
2007-	Clinically applied Research Grants Review Committee American Heart Association Heritage Affiliate

Grant Support

Completed:

Agency	Title	Type and #	Period	Total Direct Cost	Role
German Academic Exchange Service (DAAD)	Pneumocystis carinii pneumonia in HIV infection	Thesis Grant	1991	\$ 5,000	PI
NIH	Level of ACE inhibition in CHF	K23-HL04381	1999-04	\$ 644,313	PI
Knoll Pharmaceutical	Tissue ACE inhibition in CHF	Unrestricted Educational Grant	2000-01	\$ 75,000	PI
Merck Pharmaceuticals	HMG-CoA reductase inhibition in CHF	Losartan Medical School Grant	2001-02	\$ 13,800	PI
Scios Pharmaceuticals	Diuretic resistance in CHF	Unrestricted Educational Grant	2002-03	\$ 50,000	PI
SCIOS Pharmaceuticals	Predictors of length of stay in CHF	Unrestricted Educational Grant	2004	\$ 30,000	PI
GSK Pharmaceuticals	Kinetics of oxLDL	Institutional Research Grant	2004-05	\$ 80,800	PI
AHA	Tissue ACE inhibition in CHF	GIA #0256262T	2003-06	\$198,000	PI
NY Community Trust	CHF management in minorities		2005-07	\$ 100,000	PI

Current:

Agency	Title	Type and #	Period	Total Direct Cost	Role
NIH	Lipoprotein metabolism in CHF	R 01	2007-11	\$ 1,608,000	PI
European Union University of Milan	Chronotropic Incompetence in CHF (Mentee: Andrea Mignatti,MD)	New Investigator	2007-08	\$ 20,000	Mentor
European Union University of Milan	Chronotropic Incompetence in CHF (Mentee: Andrea Mignatti,MD)	New Investigator	2008-09	\$ 25,000	Mentor
AHA	Early detection of subclinical diabetic cardiomyopathy using displacement-encoded MRI.	Scientist Development Grant (D.Kim)	2007-09	\$ 198,000	Co-Investigator
AHA	Cardiac MRI to predict benefit from BV pacing in CHF	Scientist Development Grant (V.Pay)	2006-08	\$ 198,000	Co-Investigator
GSK Pharmaceuticals	Effect of FFA supplementation on Vo2 and endothelial function in CHF	Investigator initiated Research grant	2009-10	\$ 196,000	PI

Departmental and University Committees

9/2003 - 6/05	Chairman, Cardiology Core Performance Measures Committee, NYU Medical Center
7/2005 - 6/07	Committee on Research, Department of Medicine NYU School of Medicine

Teaching experience

2003 – 07 Lecturer – Physiology, 3rd year Medical School, NYU School of Medicine.

Mentees by year and current position

2001	David Smull, MD	Director, Heart Failure Program, Forsythe Medical Center, Winston-Salem, North Carolina
2002	Timothy Vittorio, MD	Associate Director, Heart Failure Program, Albert Einstein College of Medicine, New York
2003	Sandeep Jauhar, MD	Director, Heart Failure Program, Long Island Jewish Medical Center, New York
2005	David Hirsh, MD	Fellow, Cardiology, NYU Medical Center
2006	Kartikia Ahuja, MD	Fellow, Cardiology, Albert Einstein College of Medicine
2007	Gabriel Sayer, MD	Fellow, Cardiology, Mount Sinai Medical Center
2008	Andrea Mignatti, MD Daniel Sims, MD	Visiting Scholar, University of Milan Fellow, Cardiology, Columbia University

Teaching Awards

2003 (Nominated): Daniel V. Kimberg Memorial Faculty Teaching Award, New York Presbyterian Hospital, Columbia University.

Other professional activities

Editorial Positions

Section Editor

2005- Cardiology Reviews (Heart Failure Section)

Ad Hoc Reviewer for

2003-	Journal of the American College of Cardiology
2003-	European Journal of Heart Failure
2004-	Expert Reviews in Cardiovascular Therapy
2005-	Circulation
2006-	Pharmacology and Therapeutics
2007-	Hypertension
2008-	Abstract Reviewer, ACC

Committee memberships – International trials:

JARVIK (Jarvik 2000 VAD as bridge to transplant, 160 subjects): Chairman, DSMB.

USE-BNP (BNP Results to Evaluate and Treat Heart Failure, 1222 subjects): Steering committee

PROTECT (KW 3902 in acute CHF, 1600 subjects): Steering committee.

RELAX-HF (Relaxin in acute CHF, 600 subjects): Steering committee.

REACH-UP (KW 3902 in acute CHF and diuretic resistance, 400 subjects): Steering committee.

VENTRASSIST: (Ventracor VAD as bridge to transplant or destination): Steering Committee.

DURAHEART: (Terumo VAD as bride to transplant; Pivotal trial 75 subjects). Steering Committee.

Bibliography

Original Peer Reviewed Publications:

1. Goldberg NS, Forseter G, Nadelman RB, Schwartz I, **Jorde UP**, McKenna D, Holmgren RN, Bittker S, Montecalvo M, Wormser GP. Vesicular Erythema Migrans. Archives of Dermatology 1992;128:1495-98.
2. **Jorde UP**, Horowitz HW, Wormser GP Utility of dapson for prophylaxis of Pneumocystis carinii in trimethoprim-sulfamethoxazole-intolerant HIV-infected individuals. AIDS 1993;7:355-359.
3. Montecalvo MA, Lee MS, DePalma H, Wynn PS, Lowenfels AB, **Jorde U**, Wuest D, Klingaman A, O'Brien TA, Calmann, Wormser GP. Seroprevalence of human immunodeficiency virus-1, hepatitis B virus, and hepatitis C virus in patients having major surgery. Infect Control Hosp Epidemiol 1995 Nov;16(11):627-33.

4. Panlilio A, Shapiro C, Schable C, Mendelson M, Montecalvo M, Kunches L, Perry S, Edwards E, Srivasta P, Culver D, Weisfuse I, **Jorde UP**, Davis J, Solomon J, Wormser GP, Ryan J, Bell D, Chamberland M for the CDC Serosurvey Study Group. Serosurvey of Human Immunodeficiency Virus, Hepatitis B Virus, and Hepatitis C Virus among hospital - based surgeons. Journal of the American College of Surgeons 1995;180:16-24.
5. **Jorde UP**, Ennezat PV, Lisker J, Suryadevar V, Infeld J, Cukon S, Hammer A, Sonnenblick EH, Le Jemtel TH. Maximally recommended doses of angiotensin-converting enzyme (ACE) inhibitors do not completely prevent ACE mediated formation of angiotensin II in chronic heart failure. Circulation 2000;101:844-46.
6. Malendowicz SL, **Jorde UP**, Ennezat PV, Chen T, Murray L, Sonnenblick EH, Evans T, Le Jemtel TH. The 1166 A/C Polymorphism of the Angiotensin II type 1 Receptor Gene does not Correlate with the Blood Pressure Response to Angiotensin II in Patients with CHF. J Clin Basic Cardiol 2001;4: 75-77.
7. **Jorde UP**, Vittorio TJ, Katz SD, Colombo PC, Latif F, Le Jemtel TH. Elevated Plasma Aldosterone Levels Despite Complete Inhibition of the Vascular Angiotensin-Converting Enzyme in Chronic Heart Failure. Circulation 2002;106: 1055-1057
8. Jorde W, **Jorde UP**. Antigen resorption from the gastrointestinal tract. A historical perspective on the pathophysiological foundation of modern sublingual immunotherapy. *Chem Immun Allergy*. Basel, Karger 2003, Vol 82:25-32.
9. Vittorio T, Lang CC, Katz SD, Packer M, Mancini D, **Jorde UP**. Vasopressor Response to Angiotensin II Infusion in Patients with CHF receiving betablockers. Circulation 2003;107: 290-93.
10. **Jorde UP**, Vittorio TJ, Dimayuga, CA, Homma S, Rizkala A, Le Jemtel TH, Katz, SD. High Versus Low Tissue Affinity Angiotensin-Converting Enzyme Inhibition in Patients with Chronic Heart Failure: Results of a randomized, double blind trial. *Am J Cardiol* 2004 Dec 15;94(12)1501-05.
11. Smull D, **Jorde UP**. Concomitant Use of Nesiritide and Milrinone in acutely decompensated Chronic Heart Failure. *Am J Health Syst Pharm* 2005;62:291-295.
12. Colombo PC, Banchs JE, Lachmann J, Malla S, Celaj S, Nicholas B, DuBois NB, Talreja A, Ashton AW, **Jorde UP**, Ware JA, Le Jemtel TH. Vascular Endothelial Cell Activation in Patients With Decompensated Heart Failure. Response to Short-Term Inotropic Therapy. *Circulation* 2005 Jan 4;111(1):58-62.
13. Fox MT, **Jorde UP**. Treatment algorithms for anemia should be gender specific in subjects with chronic heart failure. *Congestive Heart Failure* 2005 May-Jun;11(3):129-32.
14. Onat D, Stathopoulos J, Rose A, Newman K, Sciacca RR, **Jorde UP**, Colombo PC Nesiritide

Infusion via Non-Primed Tubing and Heparin-Coated Catheters is Reliable. *Ann Pharmacotherapy* 2005 Oct;39(10):1617-9.

15. **Jorde UP**. Suppression of the renin-angiotensin-aldosterone system in CHF. Choice of agents and clinical impact. *Cardiol Rev*. 2006 Mar-Apr;14(2):81-7.
16. Batenburg WW, van Esch J, Garrelds IM, **Jorde UP**, Lamers MJM, van Kats JP, Danser AHJ. Carvedilol-induced Antagonism of Angiotensin II: a Matter of α_1 -Adrenoceptor Blockade *J Hypertens*. 2006 Jul;24(7):1355-1363.
17. Grossi EA, Crooke G, DiGiorgi PL, Schwartz CF, **Jorde UP**, Applebaum RM, Ribakove GH, Galloway AC, Grau JB, Colvin SB. Impact of Moderate Functional Mitral Insufficiency In Patients Undergoing Surgical Revascularization. *Circulation*. 2006 Jul 4;114(1 Suppl):I573-I576.
18. Hirsh D, Barbarash S, Vittorio TJ, Arwady A, Goldsmith R, Katz SD, **Jorde UP**. Utility of heart rate recovery as a predictor for maximum oxygen consumption in patients with chronic congestive heart failure. *J Heart Lung Transplant*. 2006 Aug;25(8):942-5.
19. Billeh R, Hirsh D, Barker C, Ramanathan K, Jeger R, Haas F, **Jorde UP**. Randomized, double blind comparison of acute beta-1 blockade with 50 mg metoprolol versus 25 mg carvedilol. *Congest Heart Fail*. 2006 Sep-Oct;12(5):254-7.
20. Ahuja K, Crooke G, Grossi E, Galloway A, **Jorde UP**. Reverse remodeling of the left ventricle in chronic heart failure – Surgical approaches. *Cardiol Rev*. 2007 Jul-Aug; 15(4):184-90.
21. Vittorio TJ, Ahuja, K, Kasper M, Turilac H, Tseng, CH, **Jorde UP**, Gor C. Comparison of high-versus-low-tissue affinity ACE inhibitor treatment on circulating Aldosterone levels in patients with chronic heart failure. *J Renin Angiotensin Aldosterone Syst*. 2007 Dec;8(4):200-4.
22. **Jorde UP**, Colombo PC, Ahuja K, Hudaihed A, Hirsh DS, Fisher EA, Tseng C, Vittorio TJ. Exercise –induced increase in oxidized low density lipoproteins is associated with adverse outcome in patients with chronic congestive heart failure. *J Card Fail*. 2007 Nov;13(9):759-64.
23. Jeger R, Buller C, Webb J, Dzavik, Dejardin A, Hochman J, **Jorde UP**. Hemodynamic parameters are prognostically important in cardiogenic shock but similar following early revascularization or initial medical stabilization - A report from the SHOCK Trial. *Chest*. 2007 Dec;132(6):1794-803.
24. Grossi EA, Schwartz CF, Yu PJ, **Jorde UP**, Crooke GA, Grau JB, Ribakove GH, Baumann FG, Ursumanno P, Culliford AT, Colvin SB, Galloway AC. High-risk aortic valve replacement: are the outcomes as bad as predicted? *Ann Thorac Surg*. 2008 Jan;85(1):102-6
25. **Jorde UP**, Vittorio TJ, Kasper M, Arrezzi E, Colombo PC, Goldsmith R, Ahuja K, Hirsh DS. Chronotropic Incompetence, Beta-blockers, and Functional Capacity in Advanced Severe Congestive Heart Failure. Time to pace? *Eur J Heart Fail*. 2008 Jan;10(1):96-101.

26. Vittorio TJ, Zolty R, Kasper ME, Khandwalla R, Hirsh D, Tseng CH, **Jorde UP**, Ahuja K. Differential Effects of Carvedilol and Metoprolol Succinate on Plasma Norepinephrine Release and Peak Exercise Heart Rate in Subjects with Chronic Heart Failure. *J Cardiovasc Pharmacol Ther.* 2008 Mar;13(1):51-7.
27. Vittorio TJ, Zolty R, Garg PK, Sarswat N, Tseng CH, Colombo PC, **Jorde UP**. Interdependence of Cardiac and Endothelial Function in Patients with Chronic Heart Failure on Optimal Medical Therapy. *Echocardiography* 2009 (accepted).
28. Sayer G, Naka Y, **Jorde UP**. Ventricular Assist Device Therapy – An Update. *Journal of Cardiovascular Therapeutics* 2009 (accepted)
29. Mignatti A, Sims DB, Colombo PC, MD, Garcia LI, Bijou R, Deng MC, **Jorde UP**. Resting Heart rate does not reflect the degree of beta-blockade in subjects with heart failure on chronic beta blocker therapy. *Journal of Cardiovascular Therapeutics* 2009 (accepted)
30. Colombo PC, Rastogi S, Onat D, Zaca V, Gupta RC, **Jorde UP**, Sabbah HD. Activation of Endothelial Cells in Conduit Veins of Dogs With Heart Failure and Veins of Normal Dogs Following Vascular Stretch by Acute Volume Loading. *J Cardiac Failure* 2009 (in press).
31. Uriel N, **Jorde UP**, Cotarlan V, Colombo PC, Farr M, Restaino S, Lietz K, Naka Y, Deng MC, Mancini DM. Heart Transplantation in HIV Positive Patients. *JHLT* 2009 (accepted)

Reviews, chapters, editorials:

1. Wormser GP, **Jorde UP**. Prevention of secondary infections in people infected with Human Immunodeficiency Virus. *The AIDS Reader*; May/June 1992; 79-83.
2. Frishman HW, **Jorde UP**. Beta blockers in Hypertension. In: Oparil and Weber: Hypertension. Philadelphia; Saunders 2000, p. 590-94.
3. **Jorde UP**. Herztransplantation. Review of issues surrounding heart transplantation in online journal for Heart Transplant recipients (Article in German). *Transplantation Aktuell* 2003 www.bdo-ev.de/trans_herz_tx.htm.
4. Sayer G, Naka Y, **Jorde UP**. Mechanical Circulatory Support in Advanced Heart Failure. In: Brown D, editor. *Cardiac Intensive Care*, 2nd edition W.B. Saunders 2009. (in press)
5. Reviewed letters:
6. **Jorde UP**. Psychosoziale Belastungen durch Angst vor HIV- Infektion bei medizinischem Personal. *Arbeitsmedizin, Sozialmedizin, Praeventivmedizin* 1992;27:363.
7. Horowitz HW, **Jorde UP**, Wormser GP Drug interactions in use of dapsons for

Pneumocystis carinii prophylaxis. *Lancet* 1992; 339; 747.

8. **Jorde UP**, Horowitz HW, Wormser GP The significance of drug interactions with rifampicin in *Pneumocystis carinii* prophylaxis. *Arch Intern Med* 1992;152:2348.
9. **Jorde UP**. Human Granulocytic Ehrlichiosis: A cardiac risk factor ? *Ann Int Med* 1996;125:701.
10. **Jorde UP**. Transmission of Hepatitis B Virus by surgeons. *N Engl J Med* 1996;335:284.
11. **Jorde UP**, Fox MT. The CHARM programme. *Lancet* 2003 Nov 15;362(9396):1677.
12. Jauhar S, Chinitz L, **Jorde UP**. Drug therapy and microvolt T-wave alternans testing. *Lancet* 2003 Oct 25;362(9393):1417-8.
13. **Jorde UP**. Valsartan, captopril, or both in myocardial infarction. *N Engl J Med* 2004 Feb 26;350(9):943.
14. **Jorde UP**. ACE inhibitors following AMI: a class effect? *Ann Intern Med*. 2005 Jan 4;142(1):78.

Abstracts:

Jorde UP, Isola L, Reichstein R, Fruchtman S, Scigliano E, Cagnoni P. Life threatening ventricular arrhythmia associated with the infusion of cryopreserved bone marrow progenitors. *Mount Sinai Research Day* 1994.

Patni R, **Jorde UP**, Patel R, Hammer A, Suryadevara V, Hammer A, LeJemtel TH. Steady level of angiotensin-converting-enzyme (ACE) inhibition during chronic therapy with ACE-inhibitors. *Circulation* 1998; Vol 98, Supp I:782.

Barbulescu V, **Jorde UP**, Galvao M, Levato P, Varela J, LeJemtel TH. Angiotensin-converting-enzyme (ACE) gene polymorphism does not account for the variable level of ACE-inhibition observed in heart failure during chronic ACE inhibition therapy. *JACC* 1999;33;Supp A:881-6.

Barbulescu V, **Jorde UP**, Suryadevar V, Hammer A, , Sonnenblick EH, LeJemtel TH. Vascular reactivity to angiotensin II in heart failure patients on full dose ACE-inhibition. *JACC* 1999;33;Supp A:881-5.

Jorde UP, Suryadevar V, Le Jemtel TH Angiotensin-II-type-1-receptor blockade with 80 mg valsartan is incomplete in patients with congestive heart failure. *JACC* 2000;35/2; Supp A:217.

Harnik I, Ramsey D, Goldsmith R, Katz SD, **Jorde UP**. Sympathetic activation at the anaerobic threshold is different in African American versus Caucasian patients with congestive heart

failure. *Circulation* 2000;Vol 102,18:629.

Jorde UP, Katz SD, Vittorio TJ. Comparative effects of high versus low tissue affinity angiotensin-converting enzyme inhibitors in patients with chronic congestive heart failure. *Circulation* 2002;Vol106,22:714.

Colombo PC, Vittorio TJ, Dimayuga CA, Homma S, **Jorde UP**. Strong correlation of left ventricular ejection fraction and peripheral vascular endothelial function in patients with CHF on maximal medical therapy. *Journal of cardiac failure* 2003;Supp:S45.

Barbarash SL, Arwady A, Goldsmith RL, Vittorio TJ, Hryniewicz K, Burcham JL, Katz SD, **Jorde UP**. Utility of heart rate recovery as a predictor of maximum oxygen consumption in patients with chronic heart failure. *Journal of cardiac failure* 2003; Supp:S72.

Onat D, Stathopoulos J, Rose A, Newman K, **Jorde UP**, Colombo PC. The use of non-Primed Peripheral and Central IV Tubings for Nesiritide Infusion is Reliable and Cost-Effective. Heart Failure Society of America Scientific Session 2004.

Neuberg G, Katz SD, Vittorio TJ, Goldsmith R, **Jorde UP**, Packer MP. Effect of Digoxin Withdrawal in Patients with Chronic Heart Failure Receiving Carvedilol. Heart Failure Society of America Scientific Session 2004.

Vittorio TJ, Onat D, Colombo PC, Celaj S, Mueller G, Truffant J, Goldsmith RB, **Jorde UP**. Effect of endogenous noradrenaline release on peak exercise heart rate in subjects with chronic heart failure receiving carvedilol versus metoprolol. Heart Failure Society of America Scientific Session 2004.

Fox MT, Blaire G, **Jorde UP**. Admission serum creatinine predicts length of stay in subjects with heart failure admitted to an inner city public hospital. Heart Failure Society of America Scientific Session 2004.

Batenburg WW, **Jorde UP**, Saxena PR, Danser AHJ. Carvedilol-induced antagonism of alpha-1 adrenoceptor blockade ? *Journal of Hypertension*. 2004;22(suppl 1): S 173.

Batenburg WW, van Esch JHM, Garrelds IM, **Jorde UP**, van Kats, Saxena PR, Danser AHJ. Carvedilol-induced antagonism of angiotensin II: focus on AT1 receptor-alpha1-adrenoceptor crosstalk. *Hypertension* 2004;44:498.

Billeh R, Hirsh D, Ramanathan K, Jeger R, Blair G, Jorgensen B, **Jorde UP**. Randomized, double blind comparison of acute beta-1 blockade with 50 mg metoprolol versus 25 mg carvedilol in normal volunteers undergoing cardiopulmonary exercise testing. HFSA 2005.

Onat D, Diaz T, Vittorio TJ, Sulejman C, Colombo PC, **Jorde UP**. Exercise induced changes of oxidized low density lipoprotein predict outcomes in subjects with chronic heart failure. HFSA 2005.

Bohman K, Axel L, Manglik T, pay V, **Jorde UP**, Grossi EA, Colvin SB, Galloway AC. Left ventricular strain patterns before and after endoventricular circular patchplasty: Early postoperative remodeling as measured by cardiac MRI. EATCS/ESTS 2005 Barcelona, Spain.

Grossi EA, Crooke G, DiGiorgi PL, Schwartz CF, **Jorde UP**, Applebaum RM, Ribakove GH, Galloway AC, Grau JB, Colvin SB. Impact of Moderate Functional Mitral Insufficiency In Patients Undergoing Surgical Revascularization. AHA 2005

Hirsh D, Hudaihed A, Vittorio TJ, Kasper M, **Jorde UP**. Chronotropic Incompetence and Functional Capacity in Severe Congestive Heart Failure. ACC 2006

Kasper E, **Jorde UP**, Hudaihed A, Hirsh D, Vittorio TJ. Mechanisms Of Chronotropic Incompetence In Patients With Congestive Heart Failure Taking Beta-blockers. ACC 2006

Jorde UP, Arrezzi E. Rate reponsive pacing may increase cardiac output at low levels of exercise in patients with CHF. HFSA 2006.

Kandwalla R, Vittorio T, Hudaihed A, Kasper M, **Jorde UP**. A novel score to predict peak VO2 in subjects with CHF receiving optimal medical therapy. HFSA 2006.

Vittorio TJ, Ahuja, K, Kasper M, Turilac H, Tseng, CH, Jorde UP, Gor C. Comparison of high-versus-low-tissue affinity ACE inhibitor treatment on circulating Aldosterone levels in patients with chronic heart failure. HFSA 2007.

Annest L, Wexler A, Parides M, **Jorde UP**, Burkhoff D. Left ventricular stroke volume does not increase after ventricular reconstruction surgery (DOR procedure) in CHF. HFSA 2007.

Jorde UP, Haas F. Chronotropic incompetence is manifest in all phases of exercise in CHF. AHA 2007.

Arezzi E, **Jorde UP**. Chronotropic Incompetence in CHF – Time to pace? ACC 2008.

Mignatti A, Sarswat N, Zolty R, Sayer G, Kleet A, Padeletti M, Colombo PC, **Jorde UP**, Vittorio TJ. Association of chronotropic incompetence and endothelial dysfunction in subjects with heart failure receiving chronic β -adrenergic blockade. HFSA 2008.

Mignatti A, Sayer G, **Jorde UP**. Resting heart rate does not reflect the degree of beta-1 receptor sensitivity in subjects with heart failure on chronic beta blocker therapy. HFSA 2008.

Wan E, Bucciarelli L, Mecklai A, Klapholz M, Jelic S, Onat D, Adams T, LeJemtel T, **Jorde UP**, Konstam MA, Colombo PC. Increased Nitric Oxide Degradation by Oxidative Stress and Decreased Nitric Oxide Production by Endothelial Nitric Oxide Synthase Cause Severe Derangement of Venous Nitric Oxide Balance in Decompensated Heart Failure. ACC 2009.

Adams T, Wan E, Bucciarelli L, Mecklai A, Klapholz M, Jelic S, Onat D, **Jorde UP**, Colombo PC. Expression Profiling of the Vascular Endothelium in Patients With Heart Failure Using a Novel

Methodology: Human Endothelial Sampling Coupled With Microarray Analysis. ACC 2009

Colombo PC, Adams T, Wan E, Bucciarelli L, Mecklai A, Klapholz M, Jelic S, Onat D, **Jorde UP**. Acute Venous Hypertension and Congestion Coupled with Analysis of Endothelial Gene Expression Profiling and Circulating Neurohormons: a New Model to Characterize the Endothelial and Inflammatory Response to Acute Mechanical Stress in Humans. ACC 2009.

Sims DB, Garcia LI, Mignatti A, Colombo PC, Jones M, Mancini DM, **Jorde UP**. Underutilization of Device Therapy in Patients with Advanced Heart Failure. ACC 2009

Garcia LI, Sims DB, Mignatti A, Colombo PC, Karlin P, Holleran S, Goda A, Mancini DM, **Jorde UP**. Chronotropic Incompetence is an Independent Predictor of Mortality in Patients with Advanced CHF. ACC 2009

Mignatti A, Sims DB, Uriel N, Ramlawi B, Holleran S, Naka Y, **Jorde UP**. Early Decrease in Platelet Counts Following Left Ventricular Assist Devices Implantation is Part of the Systemic Inflammatory Response Syndrome (SIRS) and a Marker of Poor Long Term Outcome. ACC 2009.

Uriel N, **Jorde UP**, Cotarlan V, Colombo PC, Farr M, Restaino S, Lietz K, Naka Y, Deng MC, Mancini DM. Heart Transplantation in HIV Positive Patients. ISHLT 2009.

Russo R, Lietz K, Davies R, **Jorde UP**, Naka Y. Higher Center Volume with Bridge-to-Transplant Recipients Predicts Superior Post-Transplant Outcomes in Bridged and Non-Bridged Recipients. ISHLT 2009

Uriel N, Vainrib A, **Jorde UP**, Cotarlan V, Farr M, Restaino SW, Naka Y, Deng M, Mancini DM, Colombo PC. Clinical Outcome of Orthotopic Heart Transplantation for End-Stage Heart Disease Due to Mediastinal Radiation Therapy. ISHLT 2009.