

SHRIKANTH P.Y. UPADYA, M.D., FACC
CARDIAC AND VASCULAR CONSULTANTS

EDUCATION

FELLOW, Interventional Cardiology, Lenox Hill Hospital, New York, NY

FELLOW, General Cardiology, Bridgeport Hospital, Yale University School of Medicine, Bridgeport, CT

FELLOW, Non Invasive Imaging, Cardiology, Nuclear Cardiology and Echocardiography St. Luke's- Roosevelt Hospital, Columbia University, New York, NY.

FELLOW, Heart Failure and Cardiac Transplant, Yale – New Haven Hospital, Yale University School of Medicine, New Haven, CT. *Level III training in Heart Failure and Cardiac Transplant*

CHIEF RESIDENT, Internal Medicine, Interfaith Medical Center, Brooklyn, New York, NY

RESIDENT, Internal Medicine, Interfaith Medical Center, Brooklyn, New York, NY

MBBS, Mysore Medical College, Mysore University, India,

LICENSES & CERTIFICATES

Board Certified in Nuclear Cardiology

Board Certified in Echocardiography

Board Certified in Cardiology

Board Certified in Interventional Cardiology

HONORS/ AWARDS

- Castle Connolly **Top Doctor** award for **Interventional Cardiology** in 2014, 2015, 2016

RESEARCH STUDIES PARTICIPATION

1. Principal Investigator – SAPPHIRE REGISTRY from 2007-2011 at Citrus Memorial Hospital, Inverness, FL for Carotid Artery Stenting
2. Sub –Principal Investigator – SAPPHIRE REGISTRY—2009- present at Leesburg Regional Medical Center, Leesburg, FL

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3. Role of Brain Natriuretic Peptide (BNP) and other serum markers in predicting ischemia on Stress Echocardiogram – **co- Principal Investigator** (St. Luke's _ Roosevelt Hospital, Columbia University, NY, NY).
4. A 12 – Week Randomized, Open- Label, 3-arm, Parallel group, Multicenter, Phase IIIb Study comparing the Efficacy and Safety of Rosuvastatin 20 mg and 40 mg with that of Atrovastatin 80 mg in Subjects with Acute Coronary syndromes (LUNAR)– **sub investigator**, Yale University School of Medicine, Bridgeport Hospital.
5. A prospective, multinational, multicenter, double- blind, randomized, active-controlled trial to compare the effects of Lotrel (amlodipine/benazepril) to beazepril and hydrochlorothiazide combined on the reduction of cardiovascular morbidity and mortality in patients with high risk hypertension (ACCOMPLISH)- **sub investigator**, Yale University School of Medicine, Bridgeport Hospital.
6. An Open- Label, Multicenter, Phase III Trial to Determine the Accuracy of DMP 115- Enhanced Rest and Dipyridamole Stress Myocardial Contrast Echocardiography to Detect and Localize Coronary Artery Disease – **sub investigator**, Yale University School of Medicine, Bridgeport Hospital.
7. Role of Tissue Doppler Imaging in heart failure- **Co – Principal investigator**, Bridgeport Hospital, Yale University school of Medicine, CT.

PAPER PUBLICATIONS

1. Chaudhry FA, Bangalore S, **Upadya S**, Shah A, Eftekhari H, Pudupud D, Sehgal CM.- Cross-sectional imaging identifies flow-mediated vasodilatation more accurately compared with longitudinal imaging. *J Am Soc Echocardiogr.* 2007 Dec;20(12):1380-5.
2. Barac I, **Upadya S**, Pilchik R, Winson G, Passick M, Chaudhry FA, Sherrid MV. - Effect of obstruction on longitudinal left ventricular shortening in hypertrophic cardiomyopathy. *J Am Coll Cardiol.* 2007 Mar 20;49(11):1203-11.
3. Bader F, **Upadya S**, Sokol S, Azimi N, Katz SD. Large-vessel vasculitis in a cardiac allograft. - *Can J cardiol.* 2005 Jul;21(9):745.
4. **Upadya S**, Hoq SM, Pannala R, Alsous F, Tuohy E, Zarich S. Tako- tsubo cardiomyopathy (Transient left ventricular apical ballooning) – A case report of a myocardial perfusion echocardiogram study. (*J Am Soc Echocardiogr* 2005-18:e10-14)
5. Chaudhry FA, **Upadya SP**, Singh VP, Cusik DA, Izrailtyan I, Sanders J, Hargrove C - Identifying patients suitable for mitral valve repair and replacement – a transesophageal echocardiographic study –*J Am Soc Echocardiogr Sep* 2004;17(9):988-94 .
6. **Upadya S**, Sedrakyan A, Saldarriaga C I, Nystrom K, Bozzo J, Lee FA, Katz SD - Cost analysis of continuous home inotropic infusion as a bridge to heart transplantation –*J Card Fail.* Oct2004;10(5):384-9.
7. **Upadya S**, Lee FA, Saldarriaga C I, Verma S, Sedrakyan A, Nystrom K, Katz SD - Home continuous positive inotropic infusion as a bridge to cardiac transplantation in patients with end-stage heart failure – *J Heart Lung Transplant.* April 2004;23(4)466-472.

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ORAL PRESENTATION

1. **Upadya SP**, Srinivasan J, Mudagol P, Hoq SM, Lancaster G, Schussheim AE, Luciano A, Zarich S. - Apical Ballooning Syndrome is Likely due to Microvascular Disruption: A Perfusion Echocardiogram Study - (*American Heart Association- Nov. 2005*).
2. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA. Comparison of diabetics and Non-diabetics with Chronotropic incompetence during dobutamine stress echocardiogram (*American College of Cardiology - Mar. 2005*).
3. **Upadya S**, Bangalore S, Syed TSM, Malik A, Cantales D, Kalra A, Rashid L, Merla V, Soni R, Schappert J, Chaudhry FA. Brain natriuretic peptide (BNP) provide incremental data for risk stratification of diabetics: A stress echocardiographic study. (*American College of Cardiology - Mar. 2005*).
4. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA- Chronotropic incompetence is a strong prognosticator in diabetics undergoing dobutamine stress echocardiography. (*American College of Cardiology - Mar. 2005*).
5. **Upadya S**, Malik A, Bangalore S, Syed TSM, Lam D, Kalra A, Rashid L, Soni R, Merla V, Cantales D, Schappert J, Chaudhry FA - Incremental prognostic value of Brain Natriuretic Peptide (BNP) in predicting ischemia on dobutamine stress echocardiogram (*American Heart Association - Nov. 2004*).
6. Puthumana JJ, Sehgal CM, **Upadaya S**, Syed TM, Kim I, Bangalore S, Kao HY, F, Chaudhry FA – Cross sectional imaging more accurately identifies flow mediated vasodilation (*American Heart Association - Nov. 2004*).
7. Barac I, **Upadya S**, Pilchik R, Shterman E, Passick M, Sherrid M – Midsystolic drop in left ventricular ejection velocity in obstructive hypertrophic cardiomyopathy is caused by premature termination and dyssynchrony of longitudinal contraction. Doppler flow and tissue velocity of the “Lobster claw’ abnormality (*American Heart Association - Nov. 2004*).
8. **Upadya S**, Hoq SM, Pannala R, Alsous F, Tuohy E, Zarich S. – Tako - Tsubo cardiomyopathy (Transient left ventricular apical ballooning) – A case report of a myocardial perfusion echocardiogram study. (*American College of Chest Physicians - Oct 2004*).
9. **Upadya S**, Pannala R, Lam D, Cohen R, Malik ZS, Yao SS, Chaudhry FA – Incidence and prognosis of coronary artery disease in diabetics without known prior coronary artery disease, by dobutamine stress echocardiogram. (*American College of Chest Physicians - Oct 2004*).

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10. **Upadya S**, Sedrakyan A, Saldarriaga C I, Nystrom K, Bozzo J, Lee FA, Katz SD – Cost analysis of home continuous inotropic therapy as a bridge to cardiac transplantation - (*American Heart Association - Nov. 2003*).

POSTER PRESENTATIONS

1. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA. Comparison of Diabetics and Non Diabetics with Resting Wall Motion Abnormalities In the Absence of Previous Myocardial Infarction by Dobutamine Stress Echocardiogram.- *American Society of Echocardiography (June 2005)*.
2. **Upadya S**, Bangalore S, Malik A, Rashid L, Kalra A, Cantales D, Soni R, Syed TSM, Merla V, Schappert J, Chaudhry FA - Brain Natriuretic Peptide predicts ischemic response during dobutamine stress echocardiogram. - *American College of Cardiology (Mar 2005)*.
3. **Upadya S**, McPherson C, Hoq SM, Banker J, Mudagol P, Lancaster G, Zarich S. – QRS duration does not predict ventricular synchrony –A tissue Doppler Imaging Study. - *American College of Cardiology (Mar 2005)*.
4. **Upadya S**, McPherson C, Hoq SM, Banker J, Chu N, Lancaster G, Zarich S – Identifying ventricular dyssynchrony: comparison of pulsed Doppler tissue imaging to other echocardiographic techniques . -*American College of Cardiology (Mar 2005)*.
5. **Upadya S**, Pannala R, Lam D, Cohen R, Malik ZS, Yao SS, Chaudhry FA – Is obesity as a risk Factor for coronary artery disease in patients referred for dobutamine stress echocardiogram. - *American Society of Echocardiography (June 2004)*.
6. Barac I, **Upadhya S**, Pilchik R, Shterman E, Passick M, Chaudhry F A, Sherrid MV - Interrupted contraction: premature termination of mechanical systole caused by obstruction in hypertrophic cardiomyopathy. - *American Society of Echocardiography (June 2004)*.
7. **Upadya S**, Barac I, Castaneda V, Passick M, Chaudhry F A, Sherrid MV – By Relieving obstruction, disopyramide increases extent and duration of systolic shortening in obstructive hypertrophic cardiomyopathy – A Tissue Doppler Imaging Study - *American College of Cardiology (March 2004)*.
8. **Upadya S**, Mohammadi R, Cantales D, Lam D, Kalra A, Bangalore S, Aslam L, Malik MZ, Yao SS, Chaudhry FA - Incidence and prognosis of diabetic

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females without typical angina- a dobutamine stress echocardiography study –
American Heart Association (Nov. 2003).

9. **Upadya S**, Mohammadi R, Malik A, Saeed A, Yao SS, Chaudhry FA - Incidence and prognosis of coronary artery disease in diabetics without typical anginal symptoms - A dobutamine stress echocardiography study - ***Moderated poster presentation at the American Society of Echocardiography (June 2003).***
 10. **Upadya S**, Saldarriaga CI, Nystrom K, Lee FA, Katz SD - Sustained hemodynamic benefit during long term positive inotropic infusion in patients with advanced heart failure – *American College of Cardiology (April 2003).*
 11. **Upadya S**, Saldarriaga CI, Nystrom K, Lee FA, Katz SD - Home continuous positive inotropic infusion therapy as a successful bridge to cardiac transplantation - *Heart Failure Society of America (Sept. 2002).*
 12. **Upadya S**, Verma S, Saldarriaga CI, Nystrom K, Lee FA, Katz SD - Role of AICD in treatment of tachyarrhythmias during home continuous positive inotropic infusion therapy - *Heart Failure Society of America (Sept. 2002).*
 13. Nystrom K, **Upadya S**, Saldarriaga CI, Lee FA, Katz - Catheter-related complications during long-term home continuous positive inotropic infusion in patients with advanced heart failure - *Heart Failure Society of America (Sept. 2002).*
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ABSTRACT PUBLICATIONS

1. **Upadya SP**, Srinivasan J, Mudagol P, Hoq SM, Lancaster G, Schussheim AE, Luciano A, Zarich S. - Apical Ballooning Syndrome is Likely due to Microvascular Disruption: A Perfusion Echocardiogram Study - (*Circulation Suppl. II -636(112) 17;3000*).
2. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA. Comparison of Diabetics and Non Diabetics with Resting Wall Motion Abnormalities In the Absence of Previous Myocardial Infarction by Dobutamine Stress Echocardiogram - (*J Am Soc Echocardiogr. P-39; May 2005*).
3. **Upadya S**, Bangalore S, Malik A, Rashid L, Kalra A, Cantales D, Soni R, Syed TSM, Merla V, Schappert J, Chaudhry FA - Brain Natriuretic Peptide predicts ischemic response during dobutamine stress echocardiogram (*J Am Coll Cardiol Suppl. Feb. 2005; 858-5:249A*).
4. **Upadya S**, McPherson C, Hoq SM, Banker J, Mudagol P, Lancaster G, Zarich S. – QRS duration does not predict ventricular synchrony –A tissue Doppler Imaging Study. (*J Am Coll Cardiol Suppl. Feb. 2005;1136-271:117A*).
5. **Upadya S**, McPherson C, Hoq SM, Banker J, Chu N, Lancaster G, Zarich S – Identifying ventricular dyssynchrony: comparison of pulsed Doppler tissue imaging to other echocardiographic techniques (*J Am Coll Cardiol Suppl. Feb. 2005;1025-94:257A*).
6. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA. Comparison of diabetics and Non-diabetics with Chronotropic incompetence during dobutamine stress echocardiogram (*J Am Coll Cardiol Suppl. Feb.2005; 803-4:213A*).
7. **Upadya S**, Bangalore S, Syed TSM, Malik A, Cantales D, Kalra A, Rashid L, Merla V, Soni R, Schappert J, Chaudhry FA. Brain natriuretic peptide (BNP) provide incremental data for risk stratification of diabetics: A stress echocardiographic study. (*J Am Coll Cardiol Suppl. Feb. 2005;1081-90:270A*).
8. **Upadya S**, Hoq SM., Yao SS, Chaudhry FA- Chronotropic incompetence is a strong prognosticator in diabetics undergoing dobutamine stress echocardiography. (*J Am Coll Cardiol Suppl. Feb. 2005;880-4:313A*).
9. Srinivasan J, Hoq MS, **Upadya S**, Tuohy E, Lucaino A, Taikaowski R, Zarich S. - Case series of Tako- Tsubo Cardiomyopathy (Transient left ventricular apical ballooning) – Evaluation by myocardial perfusion echocardiography. *Connecticut Medicine 2005 (69) 2: 85-86*.

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10. **Upadya S**, Malik A, Bangalore S, Syed TSM, Lam D, Kalra A, Rashid L, Soni R, Merla V, Cantales D, Schappert J, Chaudhry FA - Incremental prognostic value of Brain Natriuretic Peptide (BNP) in predicting ischemia on dobutamine stress echocardiogram (*Circulation Suppl. Oct. 2004; (110)17:III-512;2405*).
11. Barac I, **Upadya S**, Pilchik R, Shterman E, Passick M, Sherrid M- Midsystolic drop in left ventricular ejection velocity in obstructive hypertrophic cardiomyopathy is caused by premature termination and dyssynchrony of longitudinal contraction. Doppler flow and tissue velocity study of the “Lobster Claw” abnormality (*Circulation Suppl. Oct. 2004; (110)17:III-746;3453*).
12. Puthumana JJ, Sehgal CM, **Upadhya S**, Syed TM, Kim I, Bangalore S, Kao HY, F, Chaudhry FA – Cross sectional imaging more accurately identifies flow mediated vasodilation (*Circulation Suppl. Oct. 2004; (110)17:III-437:2057*).
13. **Upadya S**, Hoq SM, Pannala R, Alsous F, Tuohy E, Zarich S. Tako - Tsubo cardiomyopathy (Transient left ventricular apical ballooning) – A case report of a myocardial perfusion echocardiogram study (*Chest Suppl. Oct 2004;126/4: 933S*)
14. **Upadya S**, Pannala R, Lam D, Cohen R, Malik ZS, Yao SS, Chaudhry FA - Incidence and prognosis of coronary artery disease in diabetics without known prior coronary artery disease, by dobutamine stress echocardiogram (*Chest Suppl. Oct 2004; 126/4: 711S*).
15. **Upadya S**, Pannala R, Lam D, Cohen R, Malik ZS, Yao SS, Chaudhry FA – Is Obesity an independent risk factor for coronary artery disease in patients referred for dobutamine stress echocardiogram (*J Am Soc Echocardiogr May 2004; P5-21; 558*).
16. Barac I, **Upadhya S**, Pilchik R, Shterman E, Passick M, Chaudhry F A, Sherrid MV – Interrupted contraction: premature termination of mechanical systole caused by obstruction in hypertrophic cardiomyopathy. - *J Am Soc Echocardiogr May 2004; P2-56; 526*).
17. **Upadya S**, Barac I, Castaneda V, Passick M, Chaudhry F A, Sherrid MV – By relieving obstruction, disopyramide increases extent and duration of systolic shortening in obstructive hypertrophic cardiomyopathy – A Tissue Doppler Imaging Study (*J Am Coll Cardiol Supplement Mar 2004; 1032-129.166A*).

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18. **Upadya S**, Sedrakyan A, Saldarriaga C I, Nystrom K, Bozzo J, Lee FA, Katz SD – Cost analysis of home continuous inotropic therapy as a bridge to cardiac transplantation. *Circulation Supplement Oct. 2003; 108(17)IV-389(1802)*.
19. **Upadya S**, Mohammadi R, Cantales D, Lam D, Kalra A, Bangalore S, Aslam L, Malik MZ, Yao SS, Chaudhry FA – Incidence and prognosis of diabetic females without typical angina- a dobutamine stress echocardiography study. *Circulation Supplement Oct. 2003; 108(17)IV-731(3304)*.
20. **Upadya S**, Mohammadi R, Malik A, Saeed A, Yao SS, Chaudhry FA– Incidence and prognosis of coronary artery disease in diabetics without typical anginal symptoms - a dobutamine stress echocardiography study. *J Am Soc Echocardiogr 2003;16(5):560*
21. **Upadya S**, Saldarriaga CI, Nystrom K, Lee FA, Katz – Sustained hemodynamic benefit during long term positive inotropic infusion in patients with advanced heart failure. *J Am Coll Cardiol 2003; 41(6);1085-79.163A*
22. **Upadya S**, Saldarriaga CI, Nystrom K, Lee FA, Katz SD - Home continuous positive inotropic infusion therapy as a successful bridge to cardiac transplantation. *J Card Fail. 2002;8(4); S38. 137*
23. **Upadya S**, Verma S, Saldarriaga C, Nystrom K, Lee FA, Katz SD - Role of AICD in treatment of tachyarrhythmias during home continuous positive inotropic infusion therapy. *J Card Fail. 2002;8(4); S47.169*
24. Nystrom K, **Upadya S**, Saldarriaga C, Lee F, Katz S - Catheter-related complications during long-term home continuous positive inotropic infusion in patients with advanced heart failure. *J Card Fail. 2002;8(4); S97.363*

OTHER SIGNIFICANT ACTIVITIES (Research/ Talk)

1. Hoq SM, **Upadya S**, Yao SS, Chaudhry FA. Comparison of diabetics and Non-diabetics with Chronotropic incompetence during dobutamine stress

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echocardiogram (*2nd prize for Oral presentation at the Bridgeport Hospital Science Symposium, May 2005 - Cash award \$200*).

2. Srinivasan J, Hoq SM, **Upadya SP**, Luciano A, Tuohy E, Taikawoski R, Zarich S- A case series of 4 patients with Tako- Tsubo cardiomyopathy – A myocardial perfusion echocardiogram study (*1st prize for Oral presentation at the Bridgeport Hospital Science Symposium, May 2005 - Cash award \$300*).
3. Srinivasan J, Hoq SM, **Upadya SP**, Luciano A, Tuohy E, Taikawoski R, Zarich S- A case series of 4 patients with Tako- Tsubo cardiomyopathy – A myocardial perfusion echocardiogram study (*Selected as one of the 5 best posters in the Clinical Vignette at the National level American College of Physicians, April 2005- Cash award \$500*).
4. Srinivasan J, Hoq SM, **Upadya SP**, Luciano A, Tuohy E, Taikawoski R, Zarich S- A case series of 4 patients with Tako- Tsubo cardiomyopathy – A myocardial perfusion echocardiogram study (*1st prize for original case report poster presentation at the American College of Physicians-Connecticut chapter Oct. 2004- Cash award \$500*).
5. Hoq SM, McPherson C, **Upadya S**, Banker J, Mudagol P, Lancaster G, Zarich S. – QRS duration does not predict ventricular synchrony –A tissue Doppler Imaging (*3rd prize for original research poster presentation at the American College of Physicians -Connecticut chapter Oct. 2004*).
6. **Upadya S**- Tissue Doppler Imaging- A primer (*Keynote Speaker at the Southern Connecticut Echocardiographic Consortium Meeting, Sept. 8 2004*).
7. Hoq SM, **Upadya S**, Pannala R, Alsous F, Tuohy E, Zarich S. - Tako- Tsubo cardiomyopathy (Transient left ventricular apical ballooning) – A case report of a myocardial perfusion echocardiogram study (*Poster presentation at Bridgeport Hospital Science Symposium May 2004*).
8. **Upadya S**, Pannala R, Lam D, Cohen R, Malik ZS, Yao SS, Chaudhry FA – Is obesity an independent risk factor for coronary artery disease in patients referred for dobutamine stress echocardiogram (*Poster presentation at Bridgeport Hospital Science Symposium, May 2004*).
9. **Upadya S**, Barac I, Castaneda V, Passick M, Chaudhry F A, Sherrid MV – By relieving obstruction, disopyramide increases extent and duration of systolic shortening in obstructive hypertrophic cardiomyopathy – a tissue Doppler imaging study – (*Oral presentation at Bridgeport Hospital Science Symposium, May 2004*).

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10. **Upadya S**, Hameed M.A, Chawla V, Sathapathy G, Croney C, Jaffe E - Role of fever more than 2 weeks duration as a diagnostic predictor of disseminated MAI infections in HIV positive patients and the role of empiric anti-MAI therapy in HIV patients with more than 2 weeks of fever –*Abstract Presentation at Interfaith Medical Center, Brooklyn, NY, 1997*).
11. **Shrikanth P.Y**, Suresh Y.A, Ranjit M.- Report on the incidence of Sickle cell disease in the Soliga tribals, BR Hills, Mysore Medical College, India. (1989)