

Name: Prof. Chu-Pak Lau

Sex: Male

Date of Birth: 4th April 1957

Professional qualifications: MBBS (University of Hong Kong, 1981), MD(University of Hong Kong, 1989), MRCP(UK, 1985), FRCP(Edin, 1992), FACC(1992), FRCP(London, 1995), FRACP (1996), FESC (1996), FRCP (Glasgow, 1997), FACP (1998)

1. Professor and Chief, Cardiology Division, Department of Medicine, University of Hong Kong, Queen Mary Hospital, Hong Kong
2. Honorary Senior Consultant and Director of Cardiac Rehabilitation and Prevention Centre, Tung Wah Hospital (1993-)
3. Honorary Consultant (Cardiology): The Hospital Authority. (1993-present)
4. Honorary Consultant, Kwong Wah Hospital (1992-)
5. Honorary Consultant, Ruttonjee Hospital (1994-)
6. Director and Founder, Institute of Cardiovascular Sciences and Medicine, University of Hong Kong (1996). An area of excellence under the University of Hong Kong.
7. Honorary NHS Consultant and Visiting Professor, St. George's Hospital, London (1997)
8. Visiting Professor, the 4th Military Medical University, Xian, China
9. Visiting Professor, Tonji Medical University, Wuhan, China

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Main interests: Multicentre trials in clinical cardiology, cardiac arrhythmias, heart failure and angiogenesis

Awards:

Distinction in Medicine	1981
Croucher Foundation Scholarship	1986-88
Sir Patrick Mansion Gold Medal	1989
KC Wong Foundation Travelling Scholarship	1990
Ten Most Outstanding Young Person Award	1997
Secretary General of 2003 International Conference of Pacing and Electrophysiology	1998-present

Major Grants:

1. Croucher Foundation Research Grant (1988).
2. Research Grant Council (1991; 1993; 1997, 2000).
3. Health Services Research Grant (1996, 2000)

Reviewer for journals:

1. Editor, Pacing and Clinical Electrophysiology (1989-present).
2. Editor of Asia Pace News (1992-1998).
3. Editor-in-chief and Founder of the Journal of Hong Kong college of Cardiology (1993-present).
4. Reviewer for the Journal of Hong Kong Medical Association and Hong Kong Practitioner (1994-present).
5. Editor, European Journal of Pacing and Clinical Electrophysiology (1992-1998).
6. Editor, Journal of interventional electrophysiology (1998-present)

7. Editor, Cardiac Electrophysiology Review (1997-present)
8. Editor, Clinical and Experimental Pharmacology and Physiology (1997-present)
9. Editor, Europace (1999-present)
10. Reviewers for Circulation, Journal of American College of Cardiology and American Journal of Cardiology
11. Abstract Grader
 - Annual Scientific Sessions, North American Society of Pacing and Clinical Electrophysiology (NASPE), since 1996
 - Annual Scientific Session, American College of Cardiology, 1997.
 - International Symposium on ACE inhibition, 1997
 - World Symposium on Cardiac Pacing and Electrophysiology, 1999

Invited speakers, chairman and scientific faculty for international meetings:

1. Member of clinical tutorial sessions and invited speakers in the annual scientific meetings of North American Society for Pacing and Electrophysiology (1990-2000)
2. Plenary speaker of the Cardiostim 1992, 1994, 1996, 1998, 2000
3. Invited speaker, the European Cardiac Society Meeting 1992 and 1997.
4. Invited faculty and plenary speaker for "Rate adaptive pacing meeting", Munich, 1987, 1990 and 1993.
5. Invited plenary speaker, Japanese Society of Pacing and Electrophysiology, 1996 and 2000
6. Invited speaker, Australian Cardiac Society Meeting, 1994, 1996, 2000
7. Invited speaker, World Symposium on Cardiac Pacing and Electrophysiology, 1999
8. Speakers and chairpersons of many local and regional meetings.
9. Invited plenary speaker, Annual Scientific Meeting, American Heart Association, Nov, 2000
10. Invited symposia speaker, Annual Scientific Meeting, American College of Cardiology, March 2000

Publications

- A. A text book entitled "Rate Adaptive Cardiac Pacing : Single and Dual Chamber", published by Futura in 1989
- B. 20 chapters in cardiology textbooks
- C. Over 200 publications in peer reviewed articles. Ten representative recent publications:
 - Cardiac Arrhythmias
 1. Lau CP, Tse HF, Ayers GM. Defibrillation-guided radiofrequency ablation of atrial fibrillation secondary to an atrial focus. JACC 1999, 33(5):1217-1226
 2. Tse HF, Lau CP, Sra SS et al. Atrial fibrillation detection and R-wave synchronization by Matrix implantable atrial defibrillator. Implication for long-term efficacy and safety. Circulation 1999; 99:1446-1451
 3. Wellens HJ, Lau CP, Luderitz B, et al. Atrioverter: an implantable device for the treatment of atrial fibrillation. Circulation 1998;98:1651-1656
 4. Lau CP, Chow MS, Tse HF, Tang MO, Fan C. Control of paroxysmal atrial fibrillation recurrence using combined administration of propafenone and quinidine. Am J Cardiol. 2000 Dec 15;86(12):1327-32.
 5. Fan K, Lee KL, Chiu CS, Lee JW, He GW, Cheung D, Sun MP, Lau CP. Effects of biatrial pacing in prevention of postoperative atrial fibrillation after coronary artery bypass surgery. Circulation. 2000 Aug 15;102(7):755-60.

Clinical Cardiology and Basic Research

6. Yu CM, Cheung BM, Leung R, Wang O, Lai WH, Lau CP. Increase in plasma adrenomedullin in patients with heart failure characterised by diastolic dysfunction. Heart. 2001 Aug;86(2):155-60.
7. Lau CP, Yu CM, Chau E, Fan K, Tse HF, Lee K, Tang MO, Wan SH, Law TC, Lee PY. Reversal of left ventricular remodelling by synchronous biventricular pacing in heart failure. Pacing Clin Electrophysiol. 2000 Nov;23(11Pt2):1722-5.
8. Lin SG, Yu XY, Chen YX, Huang XR, Metz C, Bucala R, Lau CP, Lan HY. De novo expression of macrophage migration inhibitory factor in atherogenesis in rabbits. Circ Res. 2000 Dec 8;87(12):1202-8.
9. Yu CM, Lau CP, Cheung BM, Fong YM, Ho YY, Lam KB, Li LS. Clinical predictors of morbidity and mortality in patients with myocardial infarction or revascularization who underwent cardiac rehabilitation, and importance of diabetes mellitus and exercise capacity. Am J Cardiol. 2000 Feb 1;85(3):344-9.
10. Lau CP, Tse HF, Ng W, Chan KK, Li SK, Keung KK, Lau YK, Chen WH, Tang YW, Leung SK. Comparison of perindopril vs captopril - for treatment of acute myocardial infarction. Am J Cardiol. in press

Involvement in Multicentre Trials

1. Dual site pacing for atrial fibrillation (NIPP-AF Study)
Primary Investigator CP Lau / HF Tse
(3 other centres: Singapore and Taiwan)
2. Hong Kong acute myocardial infarction study
Primary Investigator CP Lau
(4 centres in Hong Kong)
3. Use of Reopro and Stenting in Restenosis reduction in diabetic patients
Primary Investigator CP Lau / WH Chen
(5 centres: 3 in Hong Kong, 1 in Singapore, 1 in India)
4. Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement trial for evaluating LV hypertrophy regression (PRESERVE).
Primary Investigator CP Lau / HF Tse
5. Multicentre, randomised, open-label, parallel group, efficacy and safety study of H 376/95 compared with dose-adjusted warfarin in the prevention of stroke and systemic embolic events in patients with atrial fibrillation (SPORTIF III).
Primary Investigator CP Lau / HF Tse
6. Evaluation of the antianginal efficacy and safety of oral chronic administration of ivabradine compared to atenolol in patients with stable effort angina pectoris.
Primary Investigator CP Lau / K Lee
7. Ongoing Telmisartan Alone and in combination with Ramipril Global Endpoint Trial (ON-TARGET)
Primary Investigator CP Lau / L Lam
8. A randomised, open-label, multicentre, angiographic trial to compare the efficacy and safety of single bolus of TNK-tPA (Tenecteplase, Metalyse®) with accelerated infusion of rt-PA (Alteplase, Actilyze®) in Asian patients with acute myocardial infarction.
Primary Investigator CP Lau / WH Chen