

UNIVERSITÀ DEGLI STUDI DI MILANO

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## **[Nome e cognome] CURRICULUM VITAE**

### **INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)**

COGNOME	PISANELLO
NOME	CHIARA
DATA DI NASCITA	09/07/1978

### **INSERIRE IL PROPRIO CURRICULUM (non eccedente le 30 pagine)**

#### **EDUCATION AND DEGREE:**

1. Degree in Medicine and Surgery. October 27, 2006, Catholic University of the Sacred Heart, Rome, Italy.
2. Passing the exam of professional qualification and inscription in the Register of the Physicians and Dentists (Ordine dei medici chirurghi e degli odontoiatri) of the region Lazio (Italy). Medical license number 55727, issued on March 13, 2007, Rome, Italy.
3. Residency in cardiology at Gemelli Hospital, Rome, Italy (Catholic University of the Sacred Heart), from July 2009 to July 2014.

#### **ACHIEVEMENTS:**

1. Passing the public examination for indefinite period of time appointment as I level physician, specialist in cardiology, and inclusion in the ULSS 7 Pedemontana (Bassano del grappa, VI, Italy) ranking with the final score 69,093.
2. Passing the public examination for indefinite period of time appointment as I level physician, specialist in cardiology, and inclusion in the ULSS 6 Euganea (Camposampiero, PD, Italy) ranking with the final score 70,022.

3. Passing the public examination for indefinite period of time appointment as I level physician, specialist in cardiology for pediatric cardiology activities, and inclusion in the Ospedale Maggiore Ca' Granda (Milano, Italy) ranking with the final score 60,281.

#### **ACADEMIC APPOINTMENTS:**

1. From July 31 2013 to September 1 2015, post doctoral research fellow at the Translational Cardiovascular Ultrasound Research Laboratory of The Johns Hopkins Hospital. During this period and under supervision of Dr. T. P. Abraham, I have been trained in advanced cardiac imaging, acquiring experience and skills in cardiac Magnetic Resonance Imaging (MRI), Cardiac Tomography, 3D Echocardiography and 2D Speckle Tracking Echocardiography (STE). I have participated in research projects investigating cardiac mechanics in Hypertrophic Cardiomyopathy and Transcatheter Aortic Valve Replacement. In this regard, I conducted image analyses (conventional and tissue Doppler/strain analyses), generation of hypotheses and manuscript preparation; for the TAVR project I performed transesophageal echocardiograms of the patients enrolled in the study under the supervision of cardiac anesthesiologist. Finally, I have acquired expertise in the field of Pulmonary Artery Hypertension (PAH) and analyzed the echocardiographic parameters for the Multicentric Trial "Ambrisentan and Tadalafil Upfront Combination Therapy in Scleroderma-Associated PAH". In order to evaluate right ventricular remodeling and systolic function improvement after therapy in the setting of Scleroderma-Associated PAH, I proposed an echocardiographic substudy, analyzing the myocardial strain of the right ventricle by 2D STE, and presented the data at the American Heart Association's Scientific Sessions 2015 (November 7-11, 2015, Orlando, FL, USA).
2. Post doctoral research fellow in cardiac imaging at Morristown Medical Center/Atlantic Health System (Morristown, NJ, USA) from September 2 2015 to September 1 2016. During this period I have improved experience in cardiac MRI and 3D-Echocardiography, analyzing several clinical studies and was member of the research team of Dr. Linda Gillam (Atlantic Health System, Morristown, NJ, USA) and Dr. Martin S. Maron (Tufts Medical Center, Boston, MA, USA). Under their mentorship, I actively worked on clinical research projects focused on the fields of hypertrophic cardiomyopathy and heart valvular disease and was

trained to become an independent medical researcher (oral presentation of research results at international conferences, proposal of clinical studies, preparation of manuscripts).

### **CLINICAL APPOINTMENTS:**

1. From October 1 2019 to March 22 2020 at “Ospedale Civile Pietro Cosma” – Azienda ULSS 6 Euganea (Camposampiero, Padova – Italy).
2. From June 3 2019 to September 30 2019 cardiologist at “Ospedale S. Maria del Prato” – Azienda ULSS 1 Dolomiti (Feltre, Belluno – Italy).
3. From July 1 2018 to June 2 2019 cardiologist at “Ospedale SS Giovanni e Paolo” – Azienda ULSS 3 Serenissima (Venezia – Italy).
4. From October 17 2017 to June 30 2018 cardiologist at “Ospedale Alto Vicentino” – Azienda ULSS 7 Pedemontana (Santorso, Vicenza – Italy).
5. From October 9 2017 to October 15 2017 cardiologist at “ Clinica privata Villa Margherita” (Roma – Italy).
6. From July 24 2017 to September 13 2017 cardiologist at “Ospedale Riabilitativo di Alta Specializzazione S.p.A” – ULSS 9 Treviso (Motta di Livenza, Treviso – Italy).

### **CLINICAL TRAINING:**

1. From October 2004 to October 2007, clinical training at the Department of heart failure of Gemelli Hospital (Catholic University of the Sacred Heart, Rome, Italy) under the tutoring and the supervision of Prof. F. Loperfido.
2. From December 2007 to March 2008, clinical training at the ICU of Cattinara Hospital (University of Trieste, Trieste, Italy) under the tutoring and the supervision of Prof. G.F. Sinagra.
3. From April 2008 to July 2009, clinical training at the cardiology service (ergometry, ECG monitoring for 24-48 h) of Gemelli Hospital (Catholic University of the Sacred Heart, Rome, Italy) under the tutoring and the supervision of Prof. G. A. Lanza.
4. From July 2009 to September 2016, experience in electrophysiology, hemodynamic, echocardiography and, particularly, in the intensive care of patients, acquiring the practice of advanced echocardiographic techniques, such as Real-Time 3-Dimensional Speckle Tracking

Echocardiography (RT 3D STE), and deepening the knowledge of their applications both in the diagnosis of ischemic heart disease and in the Cardiac Resynchronization Therapy Program.

#### **CLINICAL INTEREST:**

1. Echocardiography (transesophageal, contrast, stress echo, emergency clinical studies and routine clinical studies) and Cardiac Magnetic Resonance.
2. Heart Failure and Ventricular Assist Device Program.
3. Intensive Care Unit (management of cardiopulmonary emergencies; diagnostic and therapeutic approaches of the main cardiac diseases that require monitoring and intensive care).
4. Valvular Heart Disease.
5. Hypertrophic Cardiomyopathy.
6. Myocardial Infarction.

#### **CLINICAL COMPETENCES CERTIFIES:**

1. ACLS Provider (issue data: 17/05/18 – recommended renewal date: May 2020). Course: “ACLS Advanced Cardiovascular Life Support”. May 16-17, 2018; Bassano del Grappa (VI), Italy.
2. Course: “Cardiopulmonary resuscitation and defibrillation. Basic Life Support and Defibrillation (BLS-D)”. February 21, 2018; Bassano del Grappa (VI), Italy.
3. “Course of clinical competence: the management of patients with chronic ischemic heart disease”, organized by National Association of Hospital Cardiologists. The course consisted of two days of clinical training in Intensive Care Unit of S.Filippo Neri Hospital. December 15-16, 2010; Rome, Italy.

#### **PARTECIPATION CERTIFICATES:**

1. "Workshop on Obesity". March 30-31, 2006; Rome, Italy.
2. Participation from Rome to the interactive videoconference in conjunction with 26 universities: "Hot Topics AHA 2006 – November 12-15, 2006; Chicago, Illinois (USA)".

3. Conference: "Transfer of autologous marrow-derived stem cells in patients with ST-segment Elevation Myocardial Infarction: a double-blind, randomized, controlled study". November 23-24, 2006; Rome, Italy.
4. Workshop: "Excimer laser percutaneous coronary intervention". May 4, 2007; Rome, Italy.
5. "68th National Congress of the Italian Society of Cardiology". December 15-18, 2007; Rome, Italy.
6. Update seminar: "The treatment of cardiac arrest on the field of competition and training". April 14, 2008; Rome, Italy.
7. Update seminar: "The disease of Fabry and genetically based cardiomyopathies". September 12, 2008; Rome, Italy.
8. Congress: "Heart failure in 2008: the new proposals for a multi-disciplinary syndrome". October, 1-4, 2008; Rome, Italy.
9. Workshop: "Excimer laser in percutaneous coronary and peripheral intervention". November 6, 2008; Rome, Italy.
10. "69th National Congress of the Italian Society of Cardiology". December 13-16, 2008, Rome, Italy.
11. The National Symposium: "The guidelines on the prevention, diagnosis and treatment of cardiovascular disease". January 29-31, 2009; Rome, Italy.
12. Update seminar: "The ECG in sports medicine: the physiologic changes of training and the differential diagnosis with major heart disease". February 23, 2009; Rome, Italy.
13. Seminar: "Catheter ablation in young athletes: deeds and misdeeds". April 20, 2009; Rome, Italy.
14. Congress: "Rome Cardiology Forum 2009. An Update Meeting of the European Society of Cardiology". May 13-15, 2009; Rome, Italy.
15. Congress: "Ischemic heart disease: news and perspectives". November 25, 2009; Rome, Italy.
16. Update Seminar: "Coronary artery disease and the master athlete". May 3, 2010; Rome, Italy.
17. Congress: "Rome Cardiology Forum 2010. An ESC Update Programme in Cardiology". May 12-14, 2010; Rome, Italy.
18. Meeting: "Neuromodulation of the cardiovascular system". May 21, 2010; Rome, Italy.
19. Course "Clinical Physiopathology and therapy of the heart failure". July 1, 2010; Rome, Italy.

- 20 Course: "Acute coronary syndromes without ST-segment elevation". September 16, 2010; Rome, Italy.
- 21 Meeting: "The antithrombotic treatment in ischemic heart disease and cerebrovascular disease: present situation and prospects". September 21, 2010; Rome, Italy.
- 22 Meeting: "Guidelines on cardiovascular disease: critical analysis". January 27, 2011; Rome, Italy.
- 23 Meeting: "Role of imaging of the unstable plaque" by Prof. Camici (S. Raffaele Hospital, Milan). February, 2012; Rome, Italy.
- 24 Meeting: "Looking Back - Stepping Forward" by Prof. M. Pfeffer (Harvard University, Boston). May 18, 2012; Rome, Italy.
- 25 Meeting: "Update of new insights on stem cells" by Prof. P. Anversa (Harvard University, Boston). September 28, 2012; Rome, Italy.
- 26 Meeting: "Role of imaging in the unstable plaques identification" by Prof. Camici (S. Raffaele Hospital, Milan). October 3, 2012; Rome, Italy.
- 27 The American College of Cardiology (ACC) 63rd Annual Scientific Session, March 29-31, 2014; Washington, D.C, USA.
- 28 The American College of Cardiology (ACC) 64th Annual Scientific Session, March 14- 16, 2015; San Diego, California, USA.
- 29 Symposium: "Morristown Medical Center, 2<sup>nd</sup> Annual Frontiers in Cardiovascular Disease". September 19, 2015; Summit, NJ, USA.
- 30 The American Heart Association AHA Scientific Sessions 2015, November 7-11, 2015; Orlando, Florida, USA.
- 31 Symposium: "Esperienze a confronto – A question of LIHFE". March 8-9, 2019; Rome, Italy.

## **PARTECIPATION IN MEETING FOR RESEARCH:**

1. EDC Workshop Origgio (Novartis-Farma), February 25, 2009.

## **ORGANISATIONAL SKILL AND COMPETENCE:**

1. From 2008 to 2009, role of co-investigator in the research protocol CSPP100A2340 entitled: "A 36-week, multicenter, randomized, double-blind, placebocontrolled, parallel-group Study to Evaluate the Efficacy and Safety of Aliskiren on the Prevention of Left Ventricular Remodeling in High Risk Post-acute Myocardial Infarction Patients When Added to Optimized Standard Therapy" (Authors: Baer K, Lukashevich V, McMurray J, Pfeffer M, Solomon S, Xiang Z).

2. Writing of an application for American Heart Association research project grant (January 2015)

### **THESIS:**

1. Relationship between contractile reserve and functional capacity in chronic heart failure secondary to systolic dysfunction of the left ventricle - medical school degree thesis.
2. Relationship between left atrial function and exercise tolerance in hypertrophic Cardiomyopathy – cardiology residency thesis.

### **POSTER PRESENTATIONS AT PROFESSIONAL MEETING:**

1. Pisanello C, Zamanian RT, Damico R, Kolb TM, Tedford RJ, Sato T, Corona-Villalobos CP, Zimmerman S, Minai OA, Torres F, Chin K, Girgis RE, Mathai SC and Hassoun PM. Right Ventricular Reverse Remodeling and Improved Systolic Function after Upfront Combination Therapy with Ambrisentan and Tadalafil in the Treatment of Scleroderma-Associated Pulmonary Arterial Hypertension. Results of an Opel Label Trial. *Circulation*, 2016 (In press). Abstract accepted as poster at the American Heart Association's Scientific Sessions, November 7-11, 2015; Orlando, Florida, USA.
2. Pisanello C, Resar J, Hensley N, Brady M, Abraham T. Systolic Myocardial Mechanics Improve Instantaneously After Transcatheter Aortic Valve Replacement in Aortic Stenosis. *J Am Coll Cardiol*, 2015 (In Press). Abstract accepted and presented as poster at American College of Cardiology (ACC) 64th Annual Scientific Session, March 14-16, 2015; San Diego, California, USA.
3. Pisanello C, Su E, Luo H, Pozios I, Maurizi N, Sorensen L, Abraham MR, Abraham T. Preserved Mechanics on Beta blocker Therapy Predicts Symptomatic Improvement and Myocardial Functional Status in Obstructive Hypertrophic Cardiomyopathy. *J Am Coll Cardiol*, 2015 (In Press). Abstract accepted and presented as poster at American College of Cardiology (ACC) 64th Annual Scientific Session, March 14-16, 2015; San Diego, California, USA.
4. Pisanello C, Luo H, Pozios I, Sorensen L, Liang H, Crea F, Abraham MR, Abraham T. Effects of Beta Blockers on myocardial mechanics in hypertrophic cardiomyopathy. *J Am Coll Cardiol*, Volume 63, issue 12, Supplement, March 29, 2014, page A506. Abstract accepted and presented as poster at American College of Cardiology (ACC) 63rd Annual Scientific Session, March 29-31, 2014; Washington, D.C, USA.

## ABSTRACTS:

1. Pisanello C, Zamanian RT, Damico R, Kolb TM, Tedford RJ, Sato T, Corona-Villalobos CP, Zimmerman S, Minai OA, Torres F, Chin K, Girgis RE, Mathai SC and Hassoun PM. Right Ventricular Reverse Remodeling and Improved Systolic Function after Upfront Combination Therapy with Ambrisentan and Tadalafil in the Treatment of Scleroderma-Associated Pulmonary Arterial Hypertension. Results of an Opel Label Trial. *Circulation*, 2016 (In press). Abstract accepted as poster at the American Heart Association's Scientific Sessions 2015 and will be presented on November 7-11, 2015; Orlando, Florida, USA.
2. Pisanello C, Resar J, Hensley N, Brady M, Abraham T. Systolic not Diastolic Myocardial Mechanics Improve Instantaneously After Transcatheter Aortic Valve Replacement in Aortic Stenosis. *J Am Coll Cardiol*, 2015 (In Press). Abstract accepted as poster at American College of Cardiology (ACC) 64th Annual Scientific Session, March 14- 16, 2015; San Diego, California, USA.
3. Pisanello C, Su E, Luo H, Pozios I, Maurizi N, Sorensen L, Abraham MR, Abraham T. Preserved Mechanics on Beta blocker Therapy Predicts Symptomatic Improvement and Myocardial Functional Status in Obstructive Hypertrophic Cardiomyopathy. *J Am Coll Cardiol*, 2015 (In Press). Abstract accepted as poster at American College of Cardiology (ACC) 64th Annual Scientific Session, March 14-16, 2015; San Diego, California, USA.
4. Pisanello, Luo, Pozios, Sorensen, Liang, Crea, Abraham MR, Abraham T. Effects of Beta Blockers on myocardial mechanics in hypertrophic cardiomyopathy. *J Am Coll Cardiol*, Volume 63, issue 12, Supplement, March 29, 2014, page A506. Abstract accepted as poster at American College of Cardiology (ACC) 63rd Annual Scientific Session, March 29-31, 2014; Washington, D.C, USA.
5. Lanza G, Scalone G, Coviello I, Pinnacchio G, Barone L, Pisanello C, Mollo R, Lamendola P, Infusino F, Crea F. Brief low-workload myocardial ischaemia induces protection against increased exercise-related platelet reactivity in patients with coronary artery disease. *J Am Coll Cardiol*, Volume 55, Issue 10, Supplement, March 15, 2010, Pages A168.E1574. Abstract accepted as poster at American College of Cardiology (ACC) 59<sup>th</sup> Annual Scientific Session, March 14-16, 2010; Atlanta, Georgia, USA.
6. Mollo R, Scalone G, Pitocco D, Navarese E, Scavone G, Manto A, Pisanello C, Sestito A, Ghirlanda G, Lanza GA, Crea F. Association between cardiac autonomic function and platelet reactivity in type 1 diabetic patients. *G Ital Cardiol*, Vol 10, Suppl 1 to n° 11-12, 2009, page 250S. Abstract accepted as E-abstract at 70th National Congress of the Italian Society of Cardiology, December 12-15, 2009; Rome, Italy.



## **PUBLICATIONS:**

1. Sorensen LL, Liang HY, Pinheiro A, Hilser A, Dimaano V, Olsen NT, Hansen TF, Sogaard P, Nowbar A, Pisanello C, Pozios I, Phillip S, Zhou X, Abraham R, Abraham TP. Safety profile and utility of treadmill exercise in patients with high-gradient hypertrophic cardiomyopathy. *Am Heart J*. 2016 Oct 20;184:47-54
2. Hassoun PM, Zamanian RT, Damico R, Lechtzin N, Khair R, Kolb TM, Tedford RJ, Hulme OL, Houston T, Pisanello C, Sato T, Pullins EH, Corona-Villalobos CP, Zimmerman SL, Gashouta MA, Minai OA, Torres F, Girgis RE, Chin K Mathai SC. Ambrisentan and Tadalafil Upfront Combination Therapy in Scleroderma-Associated PAH. *Am J Respir Crit Care Med*. 2015 September .11; 192(9):1102-10.
3. Pozios I, Corona-Villalobos C, Sorensen LL, Bravo PE, Canepa M, Pisanello C, Pinheiro A, Dimaano VL, Luo H, Dardari Z, Zhou X, Kamel I, Zimmerman SL, Bluemke DA, Abraham MR, Abraham TP. Comparison of Outcomes in Patients With Nonobstructive, Labile-Obstructive, and Chronically Obstructive Hypertrophic Cardiomyopathy. *Am J Cardiol*. 2015 Sep 15; 116(6):938-44.
4. Galiuto L, Fedele E, Locorotondo G, Pisanello C, Favoccia C, Danza ML, De Vito E, Rebuzzi AG, Massetti M, Crea F. Intramural atrial hematoma: a rare complication of a common procedure. *Echocardiography*. 2013 Sep;30(8):E255-7.
5. Infusino F, Pitocco D, Zaccardi F, Scalone G, Coviello I, Nerla R, Mollo R, Sestito A, Di Monaco A, Barone L, Pisanello C, Ghirlanda G, Lanza GA, Crea F. Low glucose blood levels are associated with abnormal cardiac sympatho-vagal balance in type 2 diabetic patients with coronary artery disease. *Eur Rev Med Pharmacol Sci*. 2010 Mar;14(3):203-7.
6. Scalone G, Coviello I, Barone L, Pisanello C, Sestito A, Lanza GA, Crea F. Brief low-workload myocardial ischaemia induces protection against exercise-related increase of platelet reactivity in patients with coronary artery disease. *Heart*. 2010 Feb;96(4):263-8.
7. Scalone G, Lanza GA, Sgueglia GA, Sestito A, Infusino F, Barone L, Di Monaco A, Aurigemma C, Coviello I, Mollo R, Pisanello C, Andreotti F, Crea F. Predictors of exercise-induced platelet reactivity in patients with chronic stable angina. *J Cardiovasc Med (Hagerstown)*. 2009 Dec;10(12):891-7.
8. Lamendola P, Di Monaco A, Barone L, Pisanello C, Lanza GA, Crea F. Mechanisms of myocardial cell protection from ischemia/reperfusion injury and potential clinical implications. *G Ital Cardiol (Rome)*. 2009 Jan;10(1):28-36.

9. Lanza GA, Coviello I, Scalone G, Mollo R, Nerla R, Pisanello C, Barone L, Di Monaco A. ECG dynamic role in risk stratification in patients with ischemic heart disease. *Cardiology Science*, 2009 Sept-Oct,: 37(7):173-9.
10. Di Monaco A, Bruno I, Sestito A, Lamendola P, Barone L, Bagnato A, Nerla R, Pisanello C, Giordano A, Lanza GA, Crea F. Cardiac adrenergic nerve function and microvascular dysfunction in patients with cardiac syndrome X. *Heart*. 2009 Apr;95(7):550-4.
11. Natali R, Lotrionte M, Marchese N, Di Giannuario G, Brugaletta S, Pisanello C, Comerci G, Savino M, Lombardo A, Forni F, Vigna C, Loperfido F. Prediction of functional capacity by low-dose dobutamine stress echocardiography in chronic heart failure. *Minerva Cardioangiol*. 2008 Jun;56(3):277-85.
12. D'Alessio P, Savino M, Santoro A, Gabrielli FA, Pisanello C, Natali R, Loperfido F. Cardiorespiratory fitness and arterial stiffness in sedentary and not sedentary hypertensive workers. *G Ital Med Lav Ergon*. 2007 Jul-Sep;29(3 Suppl):820-1.

Data

20/05/2020

Luogo

Padova