



EUROPEAN CURRICULUM VITAE

PERSONAL INFORMATION

First name(s) / Surname(s) **MARTINA AVESANI**

Address(es)
Telephone(s)
E-mail
Nationality
Date of birth
Gender

WORK EXPERIENCE

Dates (from-to) November 2019- up to now

Name and address of employer **Cardiology- Paediatric department, Padova University**

Type of business or sector **MASTER**

Occupation or position held **Paediatric cardiology fellow**

Main activities and responsibilities **Echocardiographic screening and follow up of children and adults with congenital heart diseases, outpatient clinics.**

Dates (from-to) March 2019 – to October 2019

Name and address of employer **Paediatric Echocardiography Department, Royal Brompton Hospital, London**

Type of business or sector **VISITING DOCTOR**

Occupation or position held **Research fellow**

Dates (from-to) November 2015 – to October 2019

Name and address of employer **Cardiovascular Department Padova University Hospital (Via Giustiniani 2)**

Type of business or sector	CARDIOLOGY RESIDENT
Occupation or position held	Cardiology Resident
Main activities and responsibilities	4-year practical training (in course). I gained experience as a cardiology registrar in all the fields of cardiology: patient care in cardiology ward, in intensive care unit (ICU), where there's the possibility of invasive ventilation, mechanical circulatory support (ECMO, IABP, IMPELLA), hemofiltration, insertion of arterial lines, central venous lines, invasive monitoring methods (PiCCO System, PRAM) and in cardiac rehabilitation: in haemodynamic lab and electrophysiology lab, in Accident & Emergency Department, outpatient clinic (focused on ARVC, GUCH), programming of ICDs and pacemakers and, finally, in Cardiovascular imaging (Transthoracic Echocardiography and basic training in CMR). My fields of interest are Congenital Heart Disease (I attend the outpatients' service), Cardiovascular Imaging and Intensive Care. In my Clinic, I attended: Cardiac Magnetic Resonance Intensive Course (Director: S.Iliceto, M. Perazzolo Marra), ACLS provider course.
Dates (from- to)	March 2014- October 2015
Name and address of employer	Cardiovascular Department Padova University Hospital (Via Giustiniani 2)
Type of business or sector	CARDIOLOGY INTERNAL
Occupation or position held	Volunteer Doctor
Main activities and responsibilities	Clinical and research activities

EDUCATION AND TRAINING

Dates (from-to)	September 2007- February 2014
Title of qualification awarded	Medical Doctor (16/10/2013) and Licence to Practice (11/02/2018)
Principal subjects/occupational skills covered	Medicine
Name and type of organisation providing education and training	University of Verona, Italy
Level in national or international classification	110/110
<u>Bachelor Thesis</u>	“Percutaneous left atrial appendage closure in patients with atrial fibrillation and contraindications to warfarin” . Supervisor Prof. F. Ribichini, Prof. E. Barbieri
Dates (from.-to)	September 2002- July 2007
Title of qualification awarded	Diploma
Principal subjects/occupational skills covered	Italian Literature, Latin, Greek, History, Philosophy, English, Maths, Physics, Biology, Chemistry
Name and type of organisation providing education and training	Liceo classico a sperimentazione scientifica Don Nicola Mazza (Verona)
Level in national or international classification	100 cum laude

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s)	ITALIAN
Other language(s)	ENGLISH LEVEL: C1-C2 (IELTS 7.5) FRENCH LEVEL: A2
Computer skills and competences	WINDOWS, OFFICE, MAC-APPLE SOFTWARE, EXCEL, MEDCALC

FIELDS OF INTEREST:

- Paediatric and Grown Un Congenital Heart Diseases
- Echocardiography in paediatric cardiology

MEMBERSHIP:

- Italian Society of Cardiology (SIC)
- Società Italiana di Ecocardiografia e CardioVascular Imaging (SIECVI)
- European Association of Cardiovascular Imaging (EACVI)
- European Society of Cardiology (ESC)
- Association for European Pediatric and Congenital Cardiology (AEPC)

COURSES:

1. **Multimodality imaging in adult cardiac congenital heart disease (ACHD) and pulmonary hypertension (PH) course**, Royal Brompton Hospital, London (5t- 7th September 2019)
2. **Cardiac Morphology Course**, Royal Brompton Hospital, London (March-September 2019)

ABSTRACTS

1. *An Echo and CMR study in children with repaired Tetralogy of Fallot and their correlation with peak Vo2.*
M. Avesani, N. Borrelli, E. Filippini, G. Delle Donne, J. Sabatino, S.Krupickova, M. Josen, S. Iliceto and G. Di Salvo
Royal Brompton Hospital (London), University of Padova (Italy)
80° Congresso Nazionale della Società Italiana di Cardiologia, Roma 12-15 December 2019 (oral presentation, 13/12/2019)
2. *Blood Flow Speckle Tracking as new technique to discriminate outflow tract obstruction: a TGA case report*
N. Borrelli, M. Avesani, J. Sabatino, A. Ibrahim, M. Josen, G. Di Salvo
Royal Brompton Hospital (London), University of Padova (Italy)
80° Congresso Nazionale della Società Italiana di Cardiologia, Roma 12-15 December 2019 (oral presentation, 13/12/2019)
3. *Which parameters do correlate better with functional exercise capacity in children with repaired Tetralogy of Fallot? An Echo and CMR study.*
M. Avesani, N. Borrelli, E. Filippini, M. Delle Donne, S.Krupickova, M. Josen, S. Iliceto and G. Di Salvo
Royal Brompton Hospital (London), University of Padova (Italy)
EuroEcho 2019, Rapid Fire Abstract (FP number 1160), Session; outcome in cardiovascular heart disease: the role of imaging
4. *A feasible and accurate method for the assessment of early ventricular dysfunction in children with kawasaki disease: result from the MyoWoRK (myocardial work related to kawasaki disease) study.*
NS Borrelli (London,GB), G Di Salvo (London,GB), J Sabatino (London,GB), M Avesani (London,GB), E Filippini (London,GB), E Karagodova (London,GB), M Spada (London,GB), M Josen (London,GB), A Fraise (London,GB)
EuroEcho 2019, Poster Session (FP number P316)
5. *Can speckle tracking echocardiography predict outcome in hypoplastic left heart syndrome patients?*
NS Borrelli, G Di Salvo , J Sabatino, A Ibrahim, M Avesani, E Filippini, M Josen, M Penco, A Fraise, G Michielon.
Royal Brompton Hospital (London), University of L'Aquila (Italy)

EuroEcho 2019, Rapid Fire Abstracts (FP Number 1233), Session; Speckle tracking echocardiography: diagnostic and prognostic aspects

6. *Capacità funzionale nei bambini operati di Tetralogia di Fallot: studio ecocardiografico e di RM cardiaca.*
M. Avesani, N. Borrelli, E. Filippini, M. Delle Donne, J. Sabatino, S. Krupickova, M. Josen, S. Iliceto, G. Di Salvo-Londra-UK, Padova.
19° Congresso Nazionale SIECVI, Sorrento 3-5 Ottobre 2019 (oral presentation, 5/10/2019).
7. *Cardiopatie congenite e fibrillazione atriale: strain atriale predittore di recidive dopo ablazione.*
E. Filippini, M. Avesani, N. Borrelli, M. Delle Donne, S. Guarguagli, G. Di Salvo, S. Carerj, S. Ernest-Londra-UK, Messina
19° Congresso Nazionale SIECVI, Sorrento 3-5 Ottobre 2019 (oral presentation, 5/10/2019).
8. *Left atrial strain to identify diastolic dysfunction in children with cardiomyopathies.*
J. Sabatino, N. Borrelli, M. Avesani, J. Parades, M. Josen, P. Daubeney, C. Prota, V. Bucciarelli, A. Fraise, C. Indolfi, G. Di Salvo- Londra-UK, Catanzaro.
19° Congresso Nazionale SIECVI, Sorrento 3-5 Ottobre 2019 (oral presentation, 4/10/2019).
9. *Ruolo dello speckle tracking nella valutazione di pazienti con cuore sinistro ipoplasico.*
N. Borrelli, J. Sabatino, G. Di Salvo, A. Ibrahim, M. Avesani, E. Filippini, M. Josen, M. Penco, A. Fraise, G. Michielon-Londra-UK, L'Aquila
19° Congresso Nazionale SIECVI, Sorrento 3-5 Ottobre 2019 (poster P20).
10. *Un nuovo metodo per lo studio della disfunzione miocardica precoce in bambini con Malattia di Kawasaki.*
N. Borrelli, G. Di Salvo, J. Sabatino, M. Avesani, E. Filippini, E. Karagodova, M. Spada, G. Delle Donne, M. Josen, A. Fraise-Londra-UK, L'Aquila
19° Congresso Nazionale SIECVI, Sorrento 3-5 Ottobre 2019 (poster P68).

ORAL PRESENTATIONS

Trappole in ecocardiografia. Caso clinico 1; come non sbagliare la quantificazione di un rigurgito valvolare.
80° Congresso Nazionale della Società Italiana di Cardiologia, Roma 12-15 December 2019 (oral presentation, 15/12/2019)

PUBLICATIONS

1. Sabatino J, Ferrero P, Chessa M, Bianco F, Ciliberti P, Secinaro A, Oreto L, **Avesani M**, Bucciarelli V, Calcaterra G, Calabrò MP, Russo MG, Bassareo PP, Guccione P, Indolfi C, Di Salvo G. *COVID-19 and Congenital Heart Disease: Results From a Nationwide Survey.* J Clin Med 2020 Jun 8;9(6): E1774.
2. Piperata A, Bottio T, **Avesani M**, Folino G, Bellanti E, Gerosa G. *Use of rapid deployment aortic valve prosthesis and patch reconstruction in a complex endocarditis.* Journal of cardiac surgery. DOI: 10.22541/au.158991645.50822075.
3. Borrelli N, Di Salvo G, Sabatino J, Ibrahim A, **Avesani M**, Sirico S, Josen M, Penco M, Fraise A, Michielon G. *Serial changes in longitudinal strain are associated with outcome in children with hypoplastic left heart syndrome.* Int J Cardiol. 2020 Apr 1:S0167-5273(20)30229-1.
4. Ibrahim A, Borrelli N, Krupickova S, Sabatino J, **Avesani M**, Paredes J, Josen M, D'Ascenzi F, Mondillo S, Di Salvo G. *Pure Aortic Regurgitation in Pediatric Patients.* Am J Cardiol. 2019 Sep 9. pii: S0002-9149(19)31011-2.