

6th APEL SO 2023 &


The 55th Annual Scientific Meeting of the Korean Society for Thoracic & Cardiovascular Surgery

"Post Pandemic, New Standards"

November 2(Thu) ~ 4(Sat), 2023 | Grand Intercontinental Seoul Parnas, Seoul, Korea



Curriculum Vitae

Name	First Name	Grace Caroline	Last Name	Van leeuwen
Country	Doha, Qatar			
Affiliation	Assistant Professor of Clinical Pediatrics at Weill Cornell Medicine – Qatar Senior Attending PCICU – Sidra Medicine Co-Chair of Congenital Heart Academy			
E-mail	gvanleeuwenbichara@sidra.org			

Educational Background

• ACADEMIC DEGREE

MEDICAL DEGREE, Feb 1994 – Aug 2000

Federal University of Santa Maria – UFSM - *Rio Grande do Sul, Brazil*
Year Awarded: 2000

• POST-DOCTORAL TRAINING

Interventional Cardiology in Congenital Heart Diseases - Fellowship

Heart Institute - InCor/HC - Faculty of Medicine of the University of São Paulo – *FMUSP. São Paulo, Brazil*
Feb 2005 – Jan 2008

Pediatric Cardiology Fellowship

Heart Institute - InCor/HC - Faculty of Medicine of the University of São Paulo – *FMUSP. São Paulo, Brazil*
Feb 2003 – Jan 2005

Pediatric Resident

Children's Institute - ICr/HC - Faculty of Medicine of the University of São Paulo – *FMUSP. São Paulo Brazil.*
Feb 2001 – Jan 2003

Board Certification

The Brazilian Society of Critical Care Medicine (AMIB)

Certificate: Diploma, Specialist in Pediatric Critical Care

The Brazilian Society of Interventional Cardiology (SBHCI)

Certificate: Diploma, Specialist in Interventional Cardiology

The Brazilian Society of Cardiology (SBC) and The Brazilian Society of Pediatrics (SBP)

Certificate: Diploma, Specialist in Pediatric Cardiology

The Brazilian Society of Pediatrics (SBP)

Certificate: Diploma, Specialist in Pediatrics

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PROFESSIONAL MEMBERSHIP

MEMBER

Extracorporeal Life Support Organization (ELSO), 2018 – Present

MEMBER

Pediatric Cardiac Intensive Care Society (PCICS), 2018 – Present

FELLOW

The Society for Cardiovascular Angiography and Interventions (FSCAI), 2015 – Present

MEMBER

The Brazilian Society of Interventional Cardiology (SBHCI), 2009 – Present

MEMBER

The Brazilian Society of Cardiology (SBC) and The Brazilian Society of Pediatrics (SBP), 2006 – Present

MEMBER

The Brazilian Society of Pediatrics (SBP), 2003 – Present

COMMITTEES AND TASKFORCES

EDITORIAL SERVICES

EDITORIAL BOARD OF CONGENITAL HEART DISEASE JOURNAL

June 2020- present

ELSO EDITORIAL BOARD MEMBER – ECMO ONLINE EDUCATION

October 2020 – present

CONFERENCES, SYMPOSIA, AND WORKSHOPS LEADERSHIP

Co-chair of Marketing and Communication Committee of the 8th World Congress of Pediatric Cardiology and Cardiac Surgery 2023

DIRECTOR - ECMO WORKSHOP AT 4TH SABARÁ INTERNATIONAL CHILDREN'S HEALTH CONGRESS. SÃO PAULO (SP), BRAZIL, 2018

DIRECTOR - ECMO WORKSHOP FOR THE INTENSIVIST – HANDS ON – SÃO PAULO – BRAZIL, 2017

DIRECTOR - ECMO WORKSHOP FOR THE INTENSIVIST HANDS ON AT 43H SABARÁ INTERNATIONAL CHILDREN'S HEALTH CONGRESS. SÃO PAULO (SP), BRAZIL, 2016

ADMINISTRATIVE ACTIVITIES

HEAD OF PEDIATRIC CARDIOLOGY DEPARTMENT

Sabará Hospital Infantil. São Paulo (SP), Brazil.

Formulated multiple clinical guidelines, developed clinical pathways and protocols, and Developed numerous programs, including the CPR training

01 Aug 2017 – 30 April 2019

DIRECTOR OF THE ECMO PROGRAM

Sabará Hospital Infantil. São Paulo (SP), Brazil

I've planned and implemented the ECMO program from the beginning, formulated multiple clinical guidelines, developed clinical pathways and protocols, achieving the ELSO award of Excellence.

01 June 2015 - 30 April 2019

HEAD OF PEDIATRIC INTERVENTIONAL CARDIOLOGY

Sabará Hospital Infantil. São Paulo (SP), Brazil

I've developed some clinical pathways and protocols, was on charge of all equipment and material selection, etc.

01 March 2010 - 30 April 2019

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RESEARCH AND CLINICAL ACTIVITIES

RESEARCH ACTIVITY

2018 – 2021

The Center P.I. (Hospital Infantil Sabará) for the study:

Study: CV185-362- A Prospective, Randomized, Open, Multicenter Safety and Pharmacokinetics Study of Apixaban versus Vitamin K Antagonist or Low Molecular Weight Heparin (LMWH) in Pediatric Patients with Acquired or Congenital Heart Disease That Requires Chronic Anticoagulation for Prevention of Thromboembolism.

CLINICAL ACTIVITY

SENIOR CONSULTANT

Sidra Medicine - Doha, Qatar

June 2019 - Present

Her clinical expertise is treating CICU patients before and after cardiac surgery or percutaneous interventions, and ECMO. Also she is leading the pediatric ECMO transport program in Qatar

HONORS AND AWARDS

**ELSO AWARD OF EXCELLENT IN EXTRACORPOREAL MEMBRANE OXYGENATION – SILVER – SIDRA MEDEICINE
SEPTEMBER 2022**

**ELSO AWARD OF EXCELLENT IN EXTRACORPOREAL MEMBRANE OXYGENATION – SILVER – SABARÁ CHILDRENS
HOSPITAL
April 2019**

AWARD BEST ORAL PRESENTATION

June 2009

Catheter atrial atrioseptostomy guided by two-dimensional echocardiography in a neonatal intensive care unit. XV Solaci Congress.

AWARD BEST SCIENTIFIC PRODUCTION

November 11, 2008

Unifocalization of the pulmonary circulation in a single time with extracorporeal circulation and performed through median thoracotomy. Oral Presentation. XX Brazilian Congress of Pediatric Cardiology

BEST ORAL PRESENTATION

March 26, 2009

Modified Norwood surgery performed with selective cerebral and coronary perfusion in left heart hypoplasia with extremely hypoplastic ascending aorta. Oral Presentation. 36th Congress of the Brazilian Society of Cardiovascular Surgery

BEST POSTER PRESENTATION

March 26, 2009

Total staggered annuloplasty associated with the Alfieri plasty in the treatment of mitral insufficiency in the pediatric age group - Preliminary results. Oral Presentation. 36th Congress of the Brazilian Society of Cardiovascular Surgery. 2009

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Professional Career

• ACADEMIC POSITIONS

ASSISTANT PROFESSOR OF CLINICAL PEDIATRICS

Weill Cornell Medicine - Qatar
April 2021

• HOSPITAL POSITIONS

SENIOR ATTENDING PHYSICIAN, PEDIATRIC CARDIAC INTENSIVE CARE

Sidra Medicine – Doha, Qatar
May 2019 - Present

CONSULTANT, PEDIATRIC CARDIOLOGY

Sabar Hospital Infantil - So Paulo (SP), Brazil
February 2014 – 30 April 2019

CONSULTANT, PICU AND CICU

Sabar Hospital Infantil - So Paulo (SP), Brazil
01 March 2010 – 30 April 2019

CONSULTANT, PEDIATRIC INTERVENTIONAL CARDIOLOGIST

BP - Hospital Beneficncia Portuguesa - So Paulo (SP), Brazil
07 August 2012 – 30 April 2019

CONSULTANT, PEDIATRIC INTENSIVE CARE (PICU)

BP - Hospital Beneficncia Portuguesa - So Paulo (SP), Brazil
24 April 2006 – 10 August 2010

INSTITUTIONAL RESPONSIBILITIES

Member of the Ethics committee

Lead of the Neonatal and Pediatric ECMO transport in Qatar

DIDACTIC TEACHING

Speaker – 24 – 28 April 2023

10 Congreso Argentino de Emergencias y Cuidados Criticos en Pediatria y III Congreso de la Sociedad Latinoamericana de Emergencia Peditrcia (SLEPE)

Speaker - 11 February 2023

3rd annual UPMC children’s hospital of Pittsburgh’s da Silva center for Ebstein’s anomaly symposium- USA

Visiting professor didactic conference: 10 February 2023

Congenital heart academy expansion and impact on congenital cardiac education
UPMC children’s hospital of Pittsburgh – USA

Speaker – 22 – 23 January 2023

Cannulation strategy in pediatric ECMO
Saudi ECLS ECMO; moving forward conference 2023

Speaker – 13 nov 2022

Ecmo peditrica nao relacionada a cirurgia cardiaca
3rd international congress of the Brazilian society of perfusion – brazil (online)

Speaker – 17 sept 2022

Challenging case: end of life in pediatric ECMO
33rd annual ELSO conference – Boston - USA

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DIDACTIC TEACHING

Speaker – 23 August 2022

HLHS, Sidra heart lecture series
Doha - Qatar

Speaker – 1 August 2022

The evolution of extracorporeal membrane oxygenation circuitry and impact on clinical outcomes in children: a systematic review
ELSO Latam webinar

Speaker – 27 February 2022

ECMO in pediatric sepsis, pediatric ECMO
8th annual conference 2022 SWAAC ELSO (COVID era and beyond), Riyadh, kingdom of Saudi Arabia

Speaker – 20 January 2022

How to build a successful ECMO program
Hospital Infantil Sabara ECMO training program - online

SPEAKER - 07 Dec 2021

Mini Simpósio: Highlight em Cardiologia Pediátrica.
Brazilian Society of Terapia Intensiva Cardíaca Pediátrica

SPEAKER – 27 Nov 2021

ECMO central vs formas híbridas en Shock séptico.
4th Latin American ELSO Conference.

SPEAKER – 30 Sept – 01 Oct 2021

32nd Annual ELSO Conference: "Building a Future Together"

SPEAKER – 10 to 12 Aug 2021

Simposio Internacional de Cardiologia da BP.

SPEAKER – 01 July 2021

Challenges of Developing CHD Surgery Programs in "Emerging/Lowmiddle Income (LIMC) Countries", Interactive webinar
classroom, Congenital Heart Academy.

SPEAKER – 09 June 2021

Hypoplastic Left Heart Syndrome Challenging the Status Quo, A Congenital Heart Academy 3-Hour Master-Class, Congenital
Heart Academy.

SPEAKER – 20 May 2021

Tetralogy of Fallot: Postoperative CRW – The Expected and Unexpected, Congenital Heart Academy.

SPEAKER – 08 May 2021

Sesion Academica, Incidencia de Cardiopatias Congenitas, A nivel Mundial, Federacion Nacional De Neonatologia de Mexicoo,
A.C.

SPEAKER - 2 March 2021

Terapia Intensiva Cardiológica Pediátrica. Prevenção da Parada Cardiorrespiratória na UTI Cardiológica

SIMULATION INSTRUCTOR - 20 February 2021

ECMO ELSO Training Course.

SPEAKER - 12 to 14 Nov 2020

Thematic Session – ARDS pediatric: do we have consensus (50). e-CBMI online 4.0 XXV Congresso Brasileiro de Medicina
Intensiva.

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DIDACTIC TEACHING

SPEAKER - 04 to 07 Nov 2020

30° Congreso Argentino e Internacional de Terapia Intensiva – eSATI Modalidad Virtual

SPEAKER - 22 Oct to 17 Dec 2020

Palestrante do I Curso Cardiologia para Pediatras do Hospital Sírio-Libanês

SPEAKER - 13 Oct 2020

Developing A Systematic Approach to the Postoperative Neonate and Infant with CHD. Congenital Heart Academy

SPEAKER – 26 SEPT 2020

ECMO en sepsis pediatric.
31st ELSO Annual Meeting.

INSTRUCTOR - 9 September 2020

Skills Lab Workshop. NICU, Women's Wellness and Research Center (WWRC). QCHP. Doha, Qatar.

SPEAKER - 17 Aug 2020

Cardiac Intensive Care Practices in 2020: Data or Dogma?. Congenital Heart Academy.

SPEAKER - 9 July 2020

Neonatal and Pediatric ECMO. Congenital Heart Academy.

INSTRUCTOR - February 2020

Skills Lab Workshop. NICU, Women's Wellness and Research Center (WWRC). QCHP. Doha, Qatar

ECMO WORKSHOP MEMBER - September 2018

Gasometry analysis. 4th Sabará International Children's Health Congress. São Paulo (SP), Brazil.

ECMO WORKSHOP MEMBER – September 2018

Daily clinical management of ECMO. 4th Sabará International Children's Health Congress. São Paulo (SP), Brazil.

ECMO Workshop Member – September 2018

Daily clinical management of ECMO. 4th Sabará International Children's Health Congress. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - August 2018

ECMO ELSO Training Course. Campinas (SP), Brazil.

SIMULATION INSTRUCTOR - June 2018

ECMO ELSO Training Course. Recife (PE), Brazil.

SIMULATION INSTRUCTOR - May 2018 ECMO ELSO Training Course. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - April 2018

ECMO ELSO Training Course. Santiago, Chile.

SPEAKER - 2018

Intensive Care Symposium of Vila da Serra Hospital. Nova Lima, Brazil.

SPEAKER - 2018

Discussion of clinical cases. Round Table. Cardiointensivism in practice. Discussion of clinical cases.

SPEAKER - 2018

ECMO - XXV Brazilian Congress of Cardiology and Pediatric Cardiovascular Surgery. Maceió, Brazil

SPEAKER - 2018

Promoting dignified death without dysthanasia with full palliative care. XXV Brazilian Congress of Cardiology and Pediatric Cardiovascular Surgery. Maceió, Brazil.

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DIDACTIC TEACHING

SPEAKER - 2018

Anticoagulation and Bleeding. ECMO ELSO Training Course. Recife (PE), Brazil.

SPEAKER - 2018

How to built an ECMO program. ECMO ELSO Training Course. São Paulo (SP), Brazil.

SPEAKER - 2018

CRRT. ECMO ELSO Training Course. São Paulo (SP), Brazil.

SPEAKER - 2018

Postoperative management of open airway surgery in the UTIP. International Theoretical-Practical Multidisciplinary Course of Pediatric Airway. São Paulo (SP), Brazil

INSTRUCTOR - 2017

ECMO Course for Intensivist - Hands ON. ECMO circuits and equipment. José Luiz Egydio Setubal Foundation. São Paulo (SP), Brazil.

INSTRUCTOR - 2017

ECMO Course for Intensivist - Hands ON. Management of ECMO VV. José Luiz Egydio Setubal Foundation. São Paulo (SP), Brazil.

INSTRUCTOR - 2017

ECMO Course for Intensivist - Hands ON. What every pediatric intensivist should know about ECMO. José Luiz Egydio Setubal Foundation. São Paulo (SP), Brazil.

SPEAKER - 2017

Interventions in left heart hypoplasia syndrome. Interventional Cardiology Symposium. Hospital Beneficência Portuguesa de São Paulo. São Paulo (SP), Brazil.

SPEAKER - 2017

The heart - Hemodynamic evaluation. 1st Fórum of Pediatric Cardiology. Campinas, (SP), Brazil.

SPEAKER - 2017

Moral suffering in the pediatric hospital. Bioethics Forum of Hospital Infantil Sabará. São Paulo (SP), Brazil.

SPEAKER: ROUND TABLE - 2017

Mechanical Circulatory Support. Theme: How to mount a successful ECMO program in a pediatric hospital ?. XVI Congress of the Latin Society of Cardiology and Pediatric Cardiovascular Surgery. Ribeirão Preto (SP), Brazil.

MEMBER OF THE PEDIATRIC CARDIOLOGY WORKSHOP - 2016

Circulatory support: successful experience of Hospital Infantil Sabará with ECMO. 3rd Sabará International Congress on Children's Health. São Paulo (SP), Brazil.

MEMBER OF THE ECMO WORKSHOP FOR THE INTENSIVIST - 2016

Hands On. What every pediatric intensivist should know about ECMO. 3rd Sabará International Congress on Children's Health. São Paulo (SP), Brazil.

SPEAKER - 2016

Surgeries and procedures in the pediatric ICU. 1st Forum of Pediatric ICU. Hospital Beneficência Portuguesa de São Paulo. São Paulo (SP), Brazil.

SPEAKER - 2016

Basic and advanced hemodynamic monitoring for physicians with realistic simulation. Basic and Advanced Hemodynamic Monitoring Course for Physicians with Realistic Simulation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - November 2015

Disorders of Rhythm. Theoretical-Practical Course of Urgencies and Emergencies in Pediatrics with Realistic Simulation. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - June 2015

Disorders of Rhythm. Theoretical-Practical Course of Urgencies and Emergencies in Pediatrics with Realistic Simulation. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil.

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DIDACTIC TEACHING

SIMULATION INSTRUCTOR - March 2015

Disorders of Rhythm. Theoretical-Practical Course of Urgencies and Emergencies in Pediatrics with Realistic Simulation. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil

SIMULATION INSTRUCTOR - January 2015

Disorders of Rhythm. Theoretical-Practical Course of Urgencies and Emergencies in Pediatrics with Realistic Simulation. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - January 2015

Resuscitation Maneuvers. Urgencies and Emergencies Course. PENSI Institute - José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - January 2015

Venous Access. Urgencies and Emergencies Course. PENSI Institute - José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - January 2015

Airways. Urgencies and Emergencies Course. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SIMULATION INSTRUCTOR - December 2014

Disorders of Rhythm. Theoretical-Practical Course of Urgencies and Emergencies in Pediatrics with Realistic Simulation. PENSI Institute José Luiz Egydio Foundation. São Paulo (SP), Brazil.

SPEAKER - 2014

The normal electrocardiogram. Electrocardiogram Symposium of the José Luiz Egydio Setúbal Foundation. São Paulo (SP), Brazil.

SPEAKER - 2014

Supraventricular tachycardia. Electrocardiogram Symposium of the José Luiz Egydio Setúbal Foundation. São Paulo (SP), Brazil.

SPEAKER - 2014 Nightmare Case in the CAT Lab. Pediatric and Adult Interventional Cardiac Symposium. Chicago, EUA.

SPEAKER - 2012

Brazilian Congress of the Brazilian Society of Hemodynamics and Interventional Cardiology. Salvador (BA), Brazil.

SPEAKER - 2011

Annual Review Course in Hemodynamics and Interventional Cardiology. Brazilian Society of Hemodynamics and Interventional Cardiology. São Paulo (SP), Brazil.

SPEAKER - 2010

Annual Review Course in Hemodynamics and Interventional Cardiology. Brazilian Society of Hemodynamics and Interventional Cardiology. São Paulo (SP), Brazil.

• **GRAND ROUNDS**

10 May 2022

ECMO in Pediatric/Neonatal Septic Shock

WVU Children's Heart Center Grand Round - USA (online)

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CONTINUING MEDICAL EDUCATION COURSES/CERTIFICATES

Pediatric Advanced Life Support

American Heart Association, January 2022

Paris - Doha ECMO Diploma

QCHP – Doha Qatar, 16 to 21 December 2019

ECMO-Transport

QCHP – Doha, Qatar, 9 November 2019

Workshop Childrens Acute UltraSound (CACTUS) general and cardiac

PCICS - London UK, November 2019

Qatar Critical Care Conference

QCHP- Doha Qatar, 30 to 31 October 2019

ACLS

Sidra Medicine – Doha – Qatar, 26 and 27 June 2019

ECMO experimental Workshop

Vall d'Hebron – Barcelona Spain, 09 April 2019

Professional Leader

Brazilian Coaching Society. São Paulo, Brazil, 2018

Good Clinical Practice

NIDA Clinical Coordinating Center. São Paulo (SP), Brazil, 2018

Introductory Course in Palliative Care

Support Center for Pediatric Education and Research and the Children's Institute. São Paulo (SP), Brazil, 2018

Point of Care Ultrasound Training Course

Institute for Teaching and Research at Hospital Sírio-Libanês. São Paulo (SP), Brazil, 2017

Train the Trainers – ECMO Simulation Instructors Training Course. ELSO

Heart Institute of São Paulo University. São Paulo (SP), Brazil, 2017

Realistic Simulation of Cardiac Arrhythmias in Childhood

Brazilian Central of Medical Enhancement. São Paulo (SP), Brazil, 2017

Monitoring - Basic and Advanced Hemodynamics for Physicians with Realistic Simulation.

Center of Simulation and Realistic of the Institute of Education of the Hospital Israelita Albert Einstein. São Paulo (SP), Brazil, 2016

ECMO/ECLS Training Course

Stollery Children's Hospital. Edmonton, Canada, 08 – 12 June 2015

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Papers, Books, etc. presented or published by your name

1. Ian Teixeira e Sousa, Cintia Tavares Cruz, Leonardo Cavadas da Costa Soares Grace Van Leeuwen, Daniel Garros. End-of-Life care in Brazilian Pediatric Intensive Care Units, *Journal de Pediatria* (2023), <https://doi.org/10.1016/j.jped.2023.02.003>
2. Youssef Quizad, Grace Van Leeuwen, Elisabetta Giacomini, Andrew Duward. Point-of-Care Ultrasound to Detect Thrombus Formation within the Extracorporeal Circuit. *Saudi Crit Care J* 2022;6: volume 6 issue 5 p 21
3. Hejazi Y, Mann G, Boudjemline Y, Udassi JP, Van Leeuwen G, Diab KA. Topsy-Turvy Heart with Aortopulmonary Window and Severe Airway Malacia: Prenatal Diagnosis and Review of the Literature. *Pediatr Cardiol.* 2021 Aug . doi:10.1007/s00246-021-02710-1. PMID: 34448896; PMCID: PMC8391013.
4. Uri Pollak, Yael Feinstein, Candace N. Mannarino, Mary E. McBride, Malaika Mendoza, Eitan Keizman, David Mishaly, Grace van Leeuwen, Peter P. Roeleveld, Lena Koers, Darren Klugman. The horizon of pediatric critical care. *Front. Pediatr.* (2022). <https://doi.org/10.3389/fped.2022.863868>
5. Christina Maratta, Renee M Potera, Grace van Leeuwen, Andrés Castillo Moya, Lakshmi Raman, Gail M Annich et al - Extracorporeal Life Support Organization (ELSO): 2020 Pediatric Respiratory ELSO Guideline - *Asaio Journal* 66 (9), 975-979, 2020
6. Di Nardo, M., van Leeuwen, G., Loreti, A. et al. A literature review of 2019 novel coronavirus (SARS-CoV2) infection in neonates and children. *Pediatr Res* (2020). <https://doi.org/10.1038/s41390-020-1065-5>
7. EXTRACORPOREAL LIFE SUPPORT ORGANIZATION COVID-19 INTERIM GUIDELINES [PUBLISHED ONLINE AHEAD OF PRINT, 2020 APR 29]. *ASAIO J.* 2020;10.1097/MAT.0000000000001193. DOI:10.1097/MAT.0000000000001193
8. Dalva M, **Bichara GCVL**, Cunha Filho CEC, Carneiro GF, Saliba GN, Camacho JÁ, Zárate JV, Límaco RP. Intermittent annular reduction with Alfieri's plasty in the treatment of mitral insufficiency in children: initial results. *Brazilian Journal of Cardiovascular Surgery.* 2009; 24(3):354-8

BOOK CHAPTERS

1. **Grace Van Leeuwen**, Uri Pollak, Yael Feinstein, Candace N. Mannarino, Mary E. McBride, Malaika Mendoza, Eitan Keizman, David Mishaly, Peter P. Roeleveld, Lena Koers, Darren Klugman. The Horizon of Pediatric Cardiac Critical Care. p. 90-104 In: Kisson, N., Sankar, J., eds. (2022). *Insights in Pediatric Critical Care: 2021*. Lausanne: Frontiers Media SA. doi: 10.3389/978-2-83250-770-4
2. **Bichara GCVL**, Matteo DN, Nicolo P, Ambulance Ground Transportation of ECMO Patients. In: *Extracorporeal Membrane Oxygenation : An Interdisciplinary Problem-Based Learning Approach*. Ed. Marc O. Maybauer, 2021, vol.1, p.97
3. Oxigenação por Membrana Extracorpórea (ECLS/ECMO) e Dispositivo de Assistência Ventricular (VAD) – Manual de dispositivos em UTI pediátrica e neonatal / [editores] Werther Brunow de Carvalho, Walter Koga, José Colleti Junior. -1. Ed. – Rio de Janeiro : Atheneu, 2022
4. Garros D, **Bichara GCVL**, Cruz CT. Ethical Dilemmas in Pediatrics. In: *Palliative care: pediatric and neonatal*. 1st ed. São Paulo: Atheneu, 2019, v.1, p.17-20.
5. **Bichara GCVL**, Nossa FCA. How to recognize a cardiopathy patient in the emergency room In: *Manual of Cardiointensivism in Pediatrics/Neonatology*. 1st edition. São Paulo: Atheneu, 2018, vol.1, p. 245-50.
6. **Bichara GCVL**, Nossa FCA. Heart failure - Evaluation of cardiovascular function In: *Manual of Cardiointensivism in Pediatrics/Neonatology*. 1st edition. São Paulo: Atheneu, 2018, vol.1, p. 332-35.

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7. Valente VA, **Bichara GCVL**. Ebstein's anomaly - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 192-93.
8. Valente VA, **Bichara GCVL**. Pulmonary atresia with communication interventricular Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 175-78.
9. Valente VA, **Bichara GCVL**. Pulmonary atresia with intact interventricular septum - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 163-65.
10. **Bichara GCVL**. Atresia tricuspid, mitral atresia, single ventricle and the like - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 97-97.
11. Valente VA, **Bichara GCVL**. Coarctation of the aorta - Cardiac Catheterization In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 347-49.
12. **Bichara GCVL**. Interatrial communication - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 278-80.
13. Valente VA, **Bichara GCVL**. Cor Triatriatum - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 359-60.
14. Valente VA, **Bichara GCVL**. Atrioventricular septum defect - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 310-12.
15. **Bichara GCVL**. Total anomalous drainage of pulmonary veins - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 133-34.
16. Valente VA, **Bichara GCVL**, Ribeiro AC. Double right ventricular outflow tract - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 208-12.
17. Valente VA, **Bichara GCVL**. Aortic stenosis - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 336-37.
18. Valente VA, **Bichara GCVL**. Pulmonary stenosis - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 323-24.
19. Valente VA, **Bichara GCVL**. Aortic Arch Interruption - Cardiac Catheterization In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 389-90.
20. **Bichara GCVL**. Aortopulmonary window - Catheterization In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: 2014, vol.1, p. 367-68.
21. **Bichara GCVL**. Persistence of ductus arteriosus - Cardiac catheterization and angiography In: Congenital Heart Diseases Practical Guide to Diagnosis, Treatment and General Conduct. 1st edition. São Paulo: Atheneu, 2014, vol.1, p. 296-98.

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Author:

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1. Perioperative Strategies to Optimize Long-Term Neurodevelopment in Pediatric Cardiac Patients. Oral Presentation. 8th World Congress of Pediatric Cardiology and Cardiac Surgery. 2023. Washington, DC. USA.
2. ECMO for treatment of streptococcal toxic shock syndrome. XIII International Sepsis Forum. 2016. São Paulo (SP), Brazil.
3. Percutaneous treatment in the most common cardiopathies in infancy. Oral Presentation. 2nd Sabara International Congress of Pediatric Specialties. 2014. São Paulo (SP), Brazil.
4. Spontaneous chyloperitoneum as a preoperative complication of congenital heart disease. Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.
5. Hybrid large stent implantation for aortic recoarctation in an infant. Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.
6. Enteral nutritional therapy in children undergoing extracorporeal membrane oxygenation (ECMO): How to do it?. Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.
7. Extracorporeal life support in a pediatric intensive care unit in Brazil. Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.

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8. *Successful veno-arterial extracorporeal membrane oxygenation in children with refractory septic shock, using peripheral cannulation.* Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.
9. *10 Years single-center experience in cardiac catheterization in hypoplastic left heart a syndrome,* 2017. Poster. 7th World Congress of Pediatric Cardiology and Cardiac Surgery. 2017. Barcelona, Espanha.
10. *Perioperative extracorporeal membrane oxygenation (ECMO) to allow pneumectomy in a child with left pulmonary veins obstruction.* Poster. 8th World Congress on Pediatric Intensive and Critical Care- PICC. 2016. Toronto, Canadá.
11. *Transcatheter closure of patent ductus arteriosus using the amplatzer vascular plug II.* Poster. 4th Scientific Meeting for the World Society for Pediatric and Congenital Heart Surgery. 2014. São Paulo (SP), Brazil.
12. *Modified Norwood surgery performed with selective cerebral and coronary perfusion in left heart hypoplasia with extremely hypoplastic ascending aorta.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
13. *New technique for the treatment of mitral insufficiency in the pediatric age group.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
14. *Analysis of the results of the Jatene procedure after 14 years of experience.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
15. *Association of left heart hypoplasia syndrome, right diaphragmatic hernia and aortic arch interruption.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
16. *Criss cross heart, diagnosis, treatment and clinical evolution.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
17. *Dealing with Jekyll MD and Hyde MD - Implementing a Pediatric Cardiology Service of Excellence.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
18. *Larsen syndrome with ascending aortic aneurysm and severe aortic regurgitation - successful treatment with decellularized homograft.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
19. *Treatment of aortic conditions in cardiac patients outside neonatal age.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
20. *Use of L-Hydro porcine valved xenograft in pulmonary position.* Poster. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.
21. *Unifocalization of the pulmonary circulation in a single time with extracorporeal circulation and performed through median thoracotomy.* Oral Presentation. XX Brazilian Congress of Pediatric Cardiology. 2008. Florianópolis (SC), Brazil.