



Juerg Martin BURREN

Paediatric Intensivist + Ventilation-Enthusiast with
International Experience and Heart

19 Percival Rd, Stanmore NSW 2048,
Australien
juergburren@gmail.com
+61 481 751 073

QUALIFICATIONS

- 2019 + EUROPEAN PAEDIATRIC / NEONATAL INTENSIVE CARE DIPLOMA (EPIC)
↓ | [ESPNIC](#)
- 2018 + FELLOWSHIP OF THE COLLEGE OF INTENSIVE CARE MEDICINE OF AUSTRALIA AND NEW ZEALAND
↓ | [CICM](#)
- 2017 + SWISS SPECIALIST IN INTENSIVE CARE MEDICINE
↓ | [FMH](#)
- 2013 + SWISS SPECIALIST IN PAEDIATRICS
↓ | [FMH](#)
- 2013 + STANDARD ECFMG CERTIFICATE
↓ | [ECFMG](#)
USMLE Step 1 / 2CK / 2CS
- 2007 + MEDICAL DOCTOR
↓ | [University of Bern, Switzerland](#)

WORK EXPERIENCE

- 2019 + THE CHILDREN'S HOSPITAL AT WESTMEAD, SYDNEY, AUSTRALIA
↓ to date | [Staff Specialist Paediatric Intensive Care Medicine](#)
Director: Dr. Nick Pigott
Ventilation Portfolio Lead
PIVARES Respiratory Group Lead
- 2018 + QUEENSLAND CHILDREN'S HOSPITAL, BRISBANE, AUSTRALIA
↓ 2019 | [Paediatric Intensive Care Consultant, Retrieval Coordinator und Research Fellow](#)
Director: Dr. Christian Stocker / A/Prof. A. Schibler
- 2019 + GOLD COAST UNIVERSITY HOSPITAL, GOLD COAST, AUSTRALIA
↓ 2019 | [Paediatric Critical Care Consultant + Retrieval Coordinator](#)
Director: Dr. Philip Sargent
- 2017 + QUEENSLAND CHILDREN'S HOSPITAL, BRISBANE, AUSTRALIA
↓ 2018 | [Paediatric Intensive Care Fellow](#)
Director: Dr. Christian Stocker
- 2016 + QUEENSLAND CHILDREN'S HOSPITAL, BRISBANE, AUSTRALIA
↓

STRENGTHS

Evidence-based, holistic general and cardiac paediatric intensive care with international experience in different University-affiliated centres on consultant level

Establishing and maintaining excellent rapport with patients and carers

Structured, level-adapted teaching of nursing and junior medical staff

Coordination and realisation of aeromedical transfers in the critically-ill population

Team-Building + Wellbeing

Active Listening / Mentoring / Career development for junior medical officers

"Out-Of-The-Box" Thinking

Former First Lieutenant with the Swiss Army Medical Corps

Languages: German (+++), French (++) , English (+++), Italian (+), Solomon-Pidgin (+)

INTERESTS

- Optimising paediatric critical care through interdisciplinary networking and transparency
- Cardiac intensive care including the use of VV and VA ECLS
- Fostering communication and

2017	Paediatric Intensive Care Registrar Director: Dr. Tony Slater / Dr. Christian Stocker	collaboration to optimise patient outcomes through professional networking
2014	+ UNIVERSITY CHILDREN'S HOSPITAL, BERN, SWITZERLAND	
↓	PICU Consultant	
2015	Director: PD Dr. B. Wagner	◦ Modern, structured ventilation teaching curriculum
2013	+ DEPARTMENT OF ANAESTHESIOLOGY, UNIVERSITY HOSPITAL BERN, SWITZERLAND	◦ Establishing Teaching-Networks using web-based solutions
↓	Anaesthesiology Registrar	
2013	Director: Prof. Dr. F. Stüber	◦ Collaboration with industry partners to benefit research projects
2012	+ UNIVERSITY CHILDREN'S HOSPITAL, BERN, SWITZERLAND	
↓	PICU Registrar	
2012	Director: PD Dr. B. Wagner	◦ Aviation, Nature, Cycling
2011	+ UNIVERSITY CHILDREN'S HOSPITAL, BERN, SWITZERLAND	
↓	Paediatric ED Registrar	
2011	Director: Prof. S. Berger / Prof. C. Aebi	
2010	+ UNIVERSITY CHILDREN'S HOSPITAL, BERN, SWITZERLAND	
↓	Paediatric Surgery Registrar	
2011	Director: Prof. S. Berger	
2008	+ DEPARTMENT OF PAEDIATRICS, CANTONAL HOSPITAL, CHUR, SWITZERLAND	
↓	Paediatric Registrar	
2010	Director: Dr. W. Bär	

MEMBERSHIPS

2018	+ ESPNIC + ESPNIC RESPIRATORY SECTION
↓	
to date	
2017	+ COLLEGE OF INTENSIVE CARE MEDICINE OF AUSTRALIA AND NEW ZEALAND
↓	
to date	
2016	+ SWISS INTENSIVE CARE SOCIETY
↓	
to date	
2014	+ SWISS SOCIETY OF PAEDIATRICS
↓	
to date	
2014	+ FMH / VSAO
↓	
to date	

CURRENT PROJECTS

2020	Owner and Creator of www.pivares.com - Connecting PICUs for better Ventilation Outcomes
2020	Founder of the first "Paediatric Ventilation Course" in Sydney
2020	"PICU Follow-Up Questionnaire" Project

2020 Project "State-Wide joint online PICU Teaching" in NSW

RESEARCH

PhD Candidate at the University of Queensland, Brisbane

2020 LongVentKids Study (ANZ Coordinator)

2020 Associate Investigator "RCT Comparing Use of HHFNP vs CPAP Post Extubation in PICU patients"

2020 Reviewer BMJ Case Reports

2019 Co-Investigator PROSPECT Study at the Children's Hospital at Westmead, Sydney

2018 Pulmonary, Renal & Neurosonographic Recovery in Children on ECLS Support

2018 Former Principle Site Investigator for the PROSpect Study @ QCH

AWARDS / GRANTS

2017 **SERTA Research Grant** (Children's Health Queensland Study Education and Research Trust Account Committee). AUD 19,230.00. Projekt: "Exploration of Respiratory Function and Predictors on ECLS"

2009 **First Price** of the Medical Faculty of the University of Bern for the Thesis: "Development of the Premature Infant Nose Throat - Model (PrINT - Model) - an Upper Airway Replica of a Premature Neonate for the Study of Aerosol Delivery"

EDUCATION

Associations

- Associate Lecturer, School of Medicine, University of Sydney
- Senior Lecturer, Faculty of Medicine, University of Queensland, Brisbane

Teaching Activities

- Initiator and lead of the PIVARES-Group (PICU Ventilation, pARDS and Respiratory Research Group)
- Paediatric BASIC Instructor
- APICS (Advanced Paediatric Intensive Care Simulation) Instructor
- Speaker at the Australian Paediatric ECMO Course
- Speaker at the Managing Paediatric Emergencies in Anaesthesia for Consultants (MEPA-FC)
- Regular ad hoc and structured JMO-teaching sessions
- Former anatomy, physiology and terminology teacher

Personal Continuing Education

- 2020 - Sydney Children's Hospital Network Leadership Course (AUS) - planned
- 2020 - Paediatric Echocardiography Course (AUS) - planned
- 2019 - Paediatric Expert Ventilation Course (Hamilton, CH)
- 2019 - Update on Paediatric Airway Management (AUS)
- 2018 - Specialised Training in Aeromedical Retrieval (STAR)
- 2018 - Crucial Conversations Course (QCH)
- 2018 - Compassionate Conversations (QCH)
- 2017 - Management Skills in Intensive Care Medicine Course (CICM)
- 2017 - Family Donation Conversation Course (AUS)
- 2017 - Paediatric ECMO Course, Brisbane
- 2017 - Basic Paediatric Echocardiography Course (EAPS)
- 2016 - Paediatric Advanced Care in Trauma (PACT) Course

2016 - Advanced Paediatric Intensive Care Simulation Instructor Course
2016 - Paediatric BASIC Instructor Course
2015 - Adult Multiprofessional Critical Care Board Review Course (USA)
2015 - Post-Graduate Course in Neonatal and Paediatric Intensive Care (CH)
2014 - Paediatric Critical Care Board Review Course (USA)
2014 - Paediatric ECMO Training Course (GOSH - UK)
2013 - Advanced Training Course in Paediatric Intensive Care (D)
2011 - Emergency Physician Course (Swiss Army)