Abbreviations

2D: 2-dimensional
3D: 3-dimensional
ABG: Arterial blood gas
ACT: Activated clotting time
AHA: American Heart Association
AS: Aortic stenosis
AI: Aortic insufficiency
ALT: Alanine aminotransferase
ARDS: Acute respiratory distress syndrome
ASA: American Society of Anesthesiologists
ASD: Atrial septal defect
AST: Aspartate transaminase
AV: Atrioventricular
BP: Blood pressure
Bpm: Beats per minute
BSA: Body surface area
BUN: Blood urea nitrogen
BVH: Biventricular hypertrophy
CBC: Complete blood count
CHD: Congenital heart disease
CHF: Congestive heart failure
CHS: Congenital heart surgery
CICU: Cardiac intensive care unit
CNS: Central nervous system
CO\textsubscript{2}: Carbon dioxide
CPAP: Continuous positive airway pressure
CPB: Cardiopulmonary bypass
CPR: Cardiopulmonary resuscitation
CRNA: Certified registered nurse anesthetist
CT: Computed tomography
CTA: Computed tomography angiography
CV: Cardiovascular
CVP: Central venous pressure
CVOR: Cardiovascular operating room
CXR: Chest X-ray
DNA: Deoxyribonucleic acid
EACTS: European Association for Cardio-Thoracic Surgery
ECLS: Extracorporeal life support
ECG: Electrocardiogram
ECMO: Extracorporeal membrane oxygenation
eCrCl: Estimated creatinine clearance
ENT: Ears, nose, and throat (otolaryngology)
ETCO\textsubscript{2}: End-tidal carbon dioxide
ETT: Endotracheal tube
FDA: Food and Drug Administration
FFP: Fresh frozen plasma
FiO\textsubscript{2}: Inspiratory fraction of oxygen
GERD: Gastroesophageal reflux disease
GI: Gastrointestinal
HFNC: High-flow nasal cannula
hpf: High-power field
ICU: Intensive care unit
IJ: Internal jugular
iNO: Inspired nitric oxide
INR: International normalized ratio
INTERMACS: Interagency Registry for Mechanically Assisted Circulatory Support
IV: Intravenous
IVC: Inferior vena cava
IR: Interventional radiology
JET: Junctional ectopic tachycardia
LA: Left atrium
LAD: Left anterior descending
LAP: Left atrial pressure
LCOS: Low cardiac output syndrome
LFT: Liver function test
LV: Left ventricle
LVH: Left ventricular hypertrophy
LVOT: Left ventricular outflow tract
MAP: Mean arterial pressure
MR: Mitral regurgitation
MRI: Magnetic resonance imaging
NICU: Neonatal Intensive Care Unit
NIRS: Near infrared spectroscopy
NP: Nurse practitioner
NPO: Nil per os (nothing by mouth)
NS: Normal saline
OR: Operating room
OT: Occupational therapy
PA: Pulmonary artery
PaCO\(_2\): Arterial partial pressure of carbon dioxide
PaO\(_2\): Arterial partial pressure of oxygen
PCA: Patient-controlled analgesia
PCR: Polymerase chain reaction
PDA: Patent ductus arteriosus
PediMACS: Pediatric Interagency Registry for Mechanically Assisted Circulatory Support
PEEP: Peak end-expiratory pressure
PFO: Patent foramen ovale
PGE: Prostaglandin E
PI: Pulmonary insufficiency
PICC: Peripherally inserted central catheter
PICU: Pediatric Intensive Care Unit
PIP: Peak inspiratory pressure
PK/PD: Pharmacokinetics / Pharmacodynamics
PO: Per os (by mouth)
PRBC: Packed red blood cells
PT: Physical therapy / Prothrombin time
PTT: Partial thromboplastin time
PVR: Pulmonary vascular resistance
Qp:Qs: Ratio of pulmonary flow to systemic flow
RA: Right atrium
ROTEM: Rotational thromboelastography
rSO\(_2\): Regional oxygen saturation
RSV: Respiratory syncytial virus
RV: Right ventricle
RVH: Right ventricular hypertrophy
RVOT: Right ventricular outflow tract
SaO\(_2\): Oxygen saturation
SvO\(_2\): Mixed-venous oxygen saturation
SIMV-VC: Synchronized intermittent mandatory ventilation / volume control
SVC: Superior vena cava
SVR: Systemic vascular resistance
STS: Society of Thoracic Surgeons
TCH: Texas Children’s Hospital
TEE: Transesophageal echocardiogram
TPN: Total parenteral nutrition
TR: Tricuspid regurgitation
TTE: Transthoracic echocardiogram
UAC: Umbilical arterial catheter
US: United States
UVC: Umbilical venous catheter
VAD: Ventricular assist device
VBG: Venous blood gas
VSD: Ventricular septal defect
Vt: Tidal volume
WBC: White blood cells