

PALS Equipment List and Supplies

Equipment and supplies	Quantity needed	Where/when to use
Paperwork		
Precourse letter	1/student	Precourse
Course roster	1/class	Beginning of class
Name tags	1/student and instructor	All
Course agenda	1/student and instructor	All
Course completion card	1/student	End of course
<i>PALS Provider Manual</i>	1/student and instructor	All
<i>PALS Instructor Manual with lesson plans</i>	1/instructor	All
Instructor case scenarios	1/instructor	All
Team role labels	1 set/station to identify team role for each student	All small group stations
Skills station competency checklists	1/student and instructor	BLS and skills stations
PALS course progress checklist	1/instructor	All
Cardiac, shock, and respiratory practice scenario checklists	1/student	Learning Station: Airway Management, Learning Station: Vascular Access, and Learning Station: Rhythm Disturbances/Electrical Therapy
Child and infant BLS skills testing checklists	1 of each/student	Child and infant high-quality BLS practice and testing
ECC Handbook (optional)	1/student and instructor	Optional; all
PALS algorithms/ flowcharts	1 set/station	All
PALS Exam (for instructor-led courses only)	Paper copies as needed for backup for online exam	Exam
Blank exam answer sheet (for instructor-led courses only)	2 paper answer sheets/student as needed	Exam
Exam answer key/ annotated answer key (for instructor-led courses only)	1/class	Exam

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Equipment and supplies	Quantity needed	Where/when to use
Algorithm posters	1/class	Cardiac case scenario discussions, Learning Station: Rhythm Disturbances/Electrical Therapy
Institution-based documentation form	1/class	Cardiac case scenario discussions
Learning station competency checklists	1/student	Child and infant high-quality BLS practice, Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, Learning Station: Vascular Access
Audiovisual equipment		
TV with DVD player or computer with internet access/streaming capability and projection screen	1/station	Course Overview, Overview of PALS Science, child and infant high-quality BLS practice and testing, Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, Learning Station: Vascular Access, Systematic Approach, Team Dynamics
Course video	1	Course Overview, Overview of PALS Science, child and infant high-quality BLS practice and testing, Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, Learning Station: Vascular Access, Systematic Approach, Team Dynamics
CPR and AED equipment		
BLS directive feedback device	1/station	Child and infant high-quality BLS practice and testing, Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions
Child CPR manikin with shirt (directive feedback device)	1/every 3 students	Child and Infant High-Quality BLS Practice and Testing, Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions, shock case scenario discussions
Infant CPR manikin (directive feedback device)	1/every 3 students	Child and infant high-quality BLS practice and testing, Management of Cardiac Emergencies Learning Station, cardiac case scenario discussions, shock case scenario discussions
Child airway manikin or intubation head	1/every 3 students	Learning Station: Airway Management, respiratory case scenario discussions
Infant airway manikin or intubation head	1/every 3 students	Learning Station: Airway Management, respiratory case scenario discussions
Stopwatch/timing device	1/instructor	Child and infant high-quality BLS practice and testing
Countdown timer	1/instructor	Child and infant high-quality BLS practice and testing
AED trainer with adult and child AED training pads	1/every 3 students	Child and infant high-quality BLS practice and testing, Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions
CPR backboard	1/every 3 students	Child and infant high-quality BLS practice and testing, cardiac case scenario discussions
Stools to stand on for CPR	1/every 3 students	Child and infant high-quality BLS practice and testing, cardiac case scenario discussions
Airway and ventilation		
Infant airway manikin or intubation head	1/every 3 students	Learning Station: Airway Management, respiratory case scenario discussions
Child pocket mask and infant pocket mask	1/every 3 students or 1/student	Child and infant high-quality BLS practice and testing, respiratory case scenario discussions

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Equipment and supplies	Quantity needed	Where/when to use
1-way valve	1/student	Child and infant high-quality BLS practice and testing, respiratory case scenario discussions
Bag-mask devices <ul style="list-style-type: none"> • 450-500 mL for infants and young children • 1000 mL or larger for older children and adolescents 	1/every 3 students	Child and infant high-quality BLS practice and testing, Learning Station: Rhythm Disturbances/Electrical Therapy, respiratory case scenario discussions, shock case scenario discussions
Nonbreathing mask with reservoir	1/station	Learning Station: Airway Management, respiratory case scenario discussions, shock case scenario discussions
Nasal cannula	1/station	Learning Station: Airway Management, respiratory case scenario discussions
High-flow nasal cannula (optional)	1/station	Learning Station: Airway Management, respiratory case scenario discussions
Simple oxygen mask	1/station	Learning Station: Airway Management, respiratory case scenario discussions
Suction catheters	1 set of multiple sizes/station	Learning Station: Airway Management, respiratory case scenario discussions
Nebulizer setup	1 set/station	Learning Station: Airway Management, respiratory case scenario discussions
Waveform capnography equipment (directive feedback device)	Pictures can be used to represent this technology	Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, respiratory case scenario discussions, cardiac case scenario discussions, shock case scenario discussions
Stethoscope	1/every manikin	Learning Station: Airway Management, respiratory case scenario discussions, shock case scenario discussions
Color-coded length-based resuscitation tape	1/station	Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, respiratory case scenario discussions, cardiac case scenario discussions, shock case scenario discussions, Vascular Access Learning Station
Towel	1/every 3 students	Learning Station: Airway Management, respiratory case scenario discussions
Exhaled CO ₂ detector: adult, child, and infant	1/station	Learning Station: Airway Management, respiratory case scenario discussions, shock case scenario discussions
Tube holder or tape, pediatric	1/every manikin	Learning Station: Airway Management, respiratory case scenario discussions
Rhythm recognition and electrical therapy		
Cardiac monitor with ECG leads, electrodes, and pads (infant, child/adult)	1 set/station	Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions
Rhythm generator	1/course	Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions
AED trainer	1/station	Learning Station: Rhythm Disturbances/Electrical Therapy, cardiac case scenario discussions
Color-coded length-based resuscitation tape		Learning Station: Rhythm Disturbances/Electrical Therapy

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Equipment and supplies	Quantity needed	Where/when to use
BLS directive feedback devices		Learning Station: Rhythm Disturbances/Electrical Therapy
Waveform capnography recommended		Learning Station: Rhythm Disturbances/Electrical Therapy
Equipment and medications		
IO manikin	1 (with replacement bones)	Vascular Access Learning Station, shock case scenario discussions
IO drill and needles recommended	1 drill, various needle sizes	Vascular Access Learning Station, shock case scenario discussions
IO manual needles	3/station	Vascular Access Learning Station, shock case scenario discussions
Respiratory medications: resuscitation drugs or drug cards <ul style="list-style-type: none"> • Albuterol • Ipratropium • Epinephrine 1 mg/mL racemic (2.25%) • IM epinephrine 1 mg/mL 	1/student	Respiratory case scenario discussions
Cardiac medications: resuscitation drugs or drug cards <ul style="list-style-type: none"> • Adenosine • Amiodarone • Atropine sulfate • Epinephrine 0.1 mg/mL • Glucose • Lidocaine • Magnesium sulfate 		Cardiac case scenario discussions
Shock medications: resuscitation drugs or drug cards <ul style="list-style-type: none"> • Atropine sulfate • Epinephrine 0.1 mg/mL • Fluids • Glucose • Inotropes • Vasopressors 		Shock case scenario discussions
Fluid bag	1	Vascular Access Learning Station, shock case scenario discussions
3-way stopcock	1	Vascular Access Learning Station, shock case scenario discussions
60-cc locking syringe	1	Vascular Access Learning Station, shock case scenario discussions
Syringes	2-3/station	Vascular Access Learning Station, shock case scenario discussions
Advanced airways (must choose endotracheal tube and at least 1 supraglottic device)		

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Equipment and supplies	Quantity needed	Where/when to use
Oropharyngeal airways	Various infant/child sizes/1 each	Child and infant high-quality BLS practice and testing, respiratory case scenario discussions, airway management emergencies learning station
Supraglottic airways	Various samples sizes	Learning Station: Airway Management, respiratory case scenario discussions
MDI, spacers, and mouthpiece/mask	1 set/station	Learning Station: Airway Management, respiratory case scenario discussions
Water-soluble lubricant	1/station	Learning Station: Airway Management, respiratory case scenario discussions
Laryngoscope handle	1 adult and 1 child size/every 3 students	Learning Station: Airway Management, respiratory case scenario discussions
Laryngoscope blades	Multiple straight and curved blades	Learning Station: Airway Management, respiratory case scenario discussions
Endotracheal tubes, cuffed and uncuffed with stylet	Various sizes that fit airway manikin	Learning Station: Airway Management, respiratory case scenario discussions
Safety		
Sharps container (if using real needles)	1/station	Vascular Access Learning Station, shock case scenario discussions
Cleaning supplies for use between student practice and after course		
Manikin cleaning supplies	As needed between students	Child and infant high-quality BLS practice and testing, Learning Station: Airway Management, Learning Station: Rhythm Disturbances/Electrical Therapy, Vascular Access Learning Station, respiratory case scenario discussions, cardiac case scenario discussions, shock case scenario discussions