

								months	DVD groups performed worse than instructor led group. Performance was better on retest at 2 months. Pad placement was poor.
	Poster instruction	<i>De Vries 2008</i> ²²	1	Fair	H	30 nurses	Lifepak 500 trainer Medtronic PhysioControl USA	Retention at 16 days	Supportive No difference in retention at 16 days
Minimal /No training	No training	<i>Mattei 2002</i> ³⁵	2	Fair	H	30 nurses, physiotherapists	Heartstream ForeRunner (Agilent) AED	Initial performance	Neutral No training group can deliver shock safely But most participants failed to position the pads correctly (53%) or follow correct safety procedures (67%) Brief training improves speed, pad placement and safety
		<i>Gundry 1999</i> ³²	4	Fair	L	15 6 th grade students, 22 EMTs	Hewlett-Packard Heartstream ForeRunner AED	Initial performance	Supportive Mean time to deliver shock was 90 secs in children, 67 secs for EMTs; authors conclude as 'moderate difference'
	Minimal training	<i>Beckers 2005</i> ³³	2	Fair	L	236 1 st year medical students	Medtronic Physio-Control LifePak™ CR-T AED trainer, Germany	Initial performance Retention at 1 week	Supportive 15 min lecture, no practice 94.1% participants can deliver shock safely without instructions. Brief training improves speed, pad placement, safety
		<i>Beckers 2007</i> ³⁴	2	Fair	L	59 1 st year medical students	Medtronic Physio-Control LifePak™ CR-T AED trainer, Germany	Initial performance Retention at 1 week, 6 months	Supportive 15 min lecture Performance with no training was adequate at 6 months Brief training improves speed, pad placement, safety
		<i>Mitchell 2008</i> ³¹	2	Fair	L	43 laypersons	Not specified	Retention at 2 weeks	Supportive Comparing reading article on AED, reading AED instructions, training video, all groups were able to deliver shock in less than 150 sec Additional brief training improved speed
		<i>Kelley 2006</i> ²⁹	4	Fair	L	33 8 th grade students	Zoll AED Plus	Initial performance Retention at 4 weeks	Supportive 1 hr lecture with manikin practice:

									Performance adequate at initial and 4 weeks
		<i>Andresen 2004³⁰</i>	1	Good	L	1095 laypersons	Lifepak 500T, Medtronic Physio-Control	Initial performance Retention at 6, 12 months	Supportive 2 hr vs 4 hr vs 7 hr theory & practice: No difference in shock delivery within 90 sec (immediate, 6 month, 12 months)