

EVIDENCE TABLE

for laboratory parameters - Bronchiolitis & Pneumonia

Clinical question: Do laboratory parameters reflect severity of bronchiolitis and pneumonia?
Can they differentiate between them?

Study authors and year	Study Design	Participants	Exposure/ Comparison	Outcomes	Results					Quality Scores
					EER	CER	RR	RD	NNT	
Nohynek 1995	X section al Prospective	135 children 4months to 15 yrs age Primary and referral care, Finland	ESR, CRP, WCC 121 paired sera lots viral + bacterial parameters	Not helpful Lab factors not predictive of bac vs viral – although bac tend to be higher – no definitive cut off points						+0 small numbers wide age range
Friss 1990	X section	Hosp admission Within 24 hours admission 128 children	Respiratory cultures cf CXR 37 bac + viral 39 viral 25 bac 27 nil	33% viral normal xrays only small number of other groups had normal xray lobar pneumonia found in RSV pos < 6 months age xrays not helpful in sorting out viral from bacterial						+
										Φ