Table 3 Examination of heterogeneity

	Ciarallo L, 1996	Devi PR, 1997	Gurkan F, 1999	Cariallo L, 2000	Scarfone RJ, 2000
Patient selection	n 6–18 yrs, PEFR <60%				R 1–18 yrs, Pulmonary index
inclusion criteria	predicted after 3 dose				3 of 8–13 (moderate to
	of neb. β_2 agonist			$_2$ doses of β_2 agonist o	
	medical team consider in		U	ipratropium bromid	e
	therapy necessary	neb. β_2 agonis (others N/A)	t	or both	
	n Temp >38.5°C, SBI	1	, Fever, SBP <25th	1	$P_{\rm e}$, PI <8 or >13, use of steroid
criteria	<25th percentile for age		e percentile for age		e within 72*hours,
		1		f within the preceding	
	theophylline, history o		theophylline, history	· · ·	f lobar pneumonia, croup,
	cardiac, renal o		of cardiac, renal or pulmonary disease	r cardiac, renal o pulmonary disease	r suspected foreign body aspiration, history of cystic
	pulmonary disease, pregnancy		pullionary disease	pullionary disease	fibrosis, BPD, CHD, liver
	pregnancy				or renal disease, sickle cell
					anaemia, pregnancy
Patient numbe	er 15:16	24:23	10:10	16:14	24:30
(T:P*)					
Mean age (T:P)	11.4+/-3.5: 10.8+/-3.6	6.7+/-3.26:	Overall mean	n 10.9+/-0.9: 12+/-1	6.75+/-3.6: 4.83+/-3.25
		6.75+/-3.5	10.8 + / -2.8		
%male(T:P)	46.7%: 43.8%	79.2%:73.9%	60%: 50%	68.8%: 50%	58.3%: 46.7%
Baseline	92+/-3.7%:	92.08+/-2.34%:	91.8+/-3.2%:	92+/-0.7%:	93.9+/-2.2%:94.1+/-2.4%
$SpO_2(T:P)$	93.9+/-2.5%	91.35+/-1.9%	91.4+/-3.6%	91+/-0.6%	
Baseline %PEFI		30.08+/-13.96%:		N/A	N/A
predicted (T:P)	43+/-12.8%	27.14+/-18.42%	46.2+/-11.2%		
Randomisation	Yes	Yes	Yes	Yes	Yes
Randomisation	N/A	N/A	N/A	N/A	Yes
concealment	Dauhla	Double	Dauhla	Dauhla	Dauhla
Blinding Dose of IV	Double		Double	Double	Double
Dose of IV magnesium	V 25 ♣ mg/kg	25♣mg/kg	40 ♣ mg/kg	40 ♣ mg/kg	75 ♣ mg/kg
sulphate					
	of Infusion in 100 & m	1 Infusion as 50%	Infusion in 100.	1 Infusion in 100 am	ll Infusion over 20&min
			e normal saline over		

	Ciarallo L, 1996	Devi PR, 1997	Gurkan F, 1999	Cariallo L, 2000	Scarfone RJ, 2000
IV magnesium	20 & min	solution over	20 * min	20 * min	
sulphate		35 ♣ min			
Co-therapies	salbutamol at the	iv aminophylline infusion, nebulised salbutamol according to protocol based on	methylprednisolone 2 mg/kg to all patients, nebulised salbutamol at the discretion of doctor	2. mg/kg to patients who had not received steroid, nebulised salbutamol and/or ipratropium bromide	:
Adverse effects	Nil	response Epigastric warmth (12.5%), local pain (16.6%), local numbness (12.5%)		at the discretion of doctor Nil	Nil
Independent conclusion	Effective	Effective	Effective	Effective	Ineffective
Weight in meta- analysis of primary outcome (Fixed effect model)		5.51	Not applicable	3.85	3.85

*T:P, treatment group versus placebo group.