

WEB TABLE I DEMOGRAPHIC CHARACTERISTICS, CLINICAL PROFILE AND INVESTIGATIONS IN THE STUDY CHILDREN

Variable	All patients (n=90)	Definite ILD (n=46)	Possible ILD (n=44)
Male gender	56 (62.2)	30 (65.2)	26 (59.1)
Severe malnutrition (IAP grade 3 or 4)*	11 (12.2)	2 (4.3)	9 (20.4)
ILD scores at admission (3 and more)	53 (58.9)	25 (54.4)	28 (63.6)
<i>Signs and symptoms</i>			
Cough	74 (82.2)	35 (76.1)	39 (88.6)
Dyspnea	72 (80)	33 (71.7)	39 (88.6)
Cyanosis	21 (23.3)	12 (26.1)	9 (20.5)
Hemoptysis	31 (34.4)	16 (34.8)	15 (61.3)
Clubbing	33 (36.7)	13 (28.3)	20 (45)
Crackles	41 (45.6)	19 (41.3)	22 (50)
<i>Hematological investigations</i>			
	n=82	n=44	n=38
TLC/mm ³ Median (IQR)	11100 (8600,14500)	11100 (8600,14500)	11250 (8600,16000)
Neutrophils (%)	61.6 (15.3)	63.2 (14.2)	60.4 (16.5)
<i>Liver function tests Median (IQR)</i>			
SGOT (U/L)	44.5 (29, 65) [#]	47 (35, 64) [#]	42 (28.5, 69.5) [#]
SGPT (U/L)	26 (12, 101) ^{&}	30 (20, 48) ^{&}	25 (19, 38) ^{&}
ALP (U/L)	273 (195, 525) [^]	290 (182, 694) [^]	265 (196, 414) [^]
<i>CXR findings</i>			
	n=84	n=45	n=39
Interstitial infiltrates	26 (28.9)	12 (26.6)	14 (35.8)
Alveolar involvement	16 (17.8)	8 (17.4)	8 (20.5)
Cysts and nodules	12 (13.3)	4 (8.9)	8 (20.5)
Others	30 (35)	21 (46)	9 (23)
<i>HRCT findings</i>			
	N=71	N=34	N=37
Geographical hyperlucency	4 (5.6)	1 (2.9)	3 (8.1)
Septal thickening	31 (43.7)	13 (38.2)	18 (48.6)
Ground glass opacity	31 (43.7)	16 (47.1)	15 (40.5)
Lung consolidation	27 (38)	13 (38.2)	14 (37.8)
Cysts and nodules	30 (42.2)	17 (50)	13 (35.1)
Pneumothorax	2 (2.8)	2 (5.9)	0
Normal	5 (7)	3 (8.8) [~]	2 (5.4)
<i>Bronchoscopy findings</i>			
	N=53	N=30	N=23
Normal	43(81.1)	24 (80)	19 (82.6)
Airway abnormalities	4(7.5)	2 (6.6)	2 (8.6)
Milky fluid	1(1.9)	1 (3.3)	–
<i>BAL findings</i>			
Hemosiderin laden macrophages	26(49) [§]	26 (86.7)	–
PAS positive macrophages	4 (7.5)	4 (13)	–
<i>Other site biopsy</i>			
	N=15	N=15	0
<i>Bone marrow</i>			
	8 (53.3)	8 (53.3)	
– S100+, histiocytes	3 (20)	3 (20)	
<i>Skin</i>			
	4 (26.6)	4 (26.6)	
– Histiocytes, CD 68+, S 100+	3 (20)	3 (20)	
– Perivascular inflammation	1 (6.6)	1 (6.6)	
Skull S100+, histiocytes/ hemophagocytes	2 (13.3)	2 (13.3)	
Liver S100+, histiocytes/ hemophagocytes	1 (6.6)	1 (6.6)	

Data represented as number (%), unless specified otherwise *According to Indian Academy of Pediatrics classification for malnutrition [13], ~The three patients with normal CT in the definite ILD group were diagnosed to have hypersensitivity pneumonitis; [®]This child died on readmission; [§]BAL confirmed the diagnosis of IPH in these children; All patients, N=58[#], 57[&] and 43[^]patients; Definite ILD, N[#], [&]= 30 and 22[^]; Possible ILD, N=28[#], 27[&] and 21[^] respectively; IAP, Indian Academy of Pediatrics; IQR, Inter quartile range; SGOT, Serum Glutamic Oxalacetic Transaminase; SGPT, Serum Glutamic Pyruvic Transaminase; ALP, Alkaline Phosphatase; BAL, Bronchoalveolar lavage; S100 protein, Soluble in 100% ammonium sulphate at neutral pH protein; CD, Cluster of differentiation.