

Online Supplement:

<b>Online Supplement: Culture Positive for Co-pathogens by Disease</b>						
<b>Patient Group</b>	<b><i>Serratia</i> (n=31)</b>	<b><i>Proteus</i> (n=17)</b>	<b><i>Steno- tropho- monas</i> (n=21)</b>	<b><i>Burkholderia cepacia</i> (n=2)</b>	<b><i>NTM</i> (n=6)</b>	<b>Proportion of patients growing 1 or more isolate (%)</b>
<b>1. Respiratory Conditions</b>	8	4	11	2	6	9.8
a) Airway Disease	5	3	7	0	1	6.4
b) CF and Bronchiectasis	3	1	4	2	5	35.5
c) Interstitial Lung Diseases	0	0	0	0	0	0.0
<b>2. Restrictive Chest Wall Conditions</b>	2	0	1	0	0	5.6
<b>3. Diaphragm Palsy</b>	0	1	0	0	0	9.5
<b>4. OHS and OSA</b>	1	2	0	0	0	1.9
<b>5. Neuromuscular and Neurological Conditions</b>	18	9	8	0	0	10.9
a) MND	3	1	0	0	0	7.5
b) DMD	1	0	0	0	0	7.7
c) All other Neuromuscular Disease	1	0	2	0	0	3.6
d) Cerebral Palsy	1	0	1	0	0	10.5
e) Spinal Cord Injury	7	5	2	0	0	28.9
f) Other Neurological Conditions	5	3	3	0	0	14.7
<b>6. Other</b>	2	1	1	0	0	13.3

<b>Appendix 1</b>	
<b>Disease</b>	<b>Number</b>
<b>1. Respiratory Conditions</b>	
a) Airway Disease	
COPD	213
COPD and OSA	4
Asthma	3
b) CF and Bronchiectasis	
Bronchiectais	17
Cystic Fibrosis	14
c) Interstitial Lung Diseases	
Idiopathic Pulmoanry Fibrosis	2
Idiopathic Bronchiolitis	1
Sarcoidosis	1
Pneumocystis Jirovecii Pneumonia/ Acute Respiratory Distress Syndrome/ Fibrosis	1
<b>2. Restrictive Chest Wall Conditions</b>	
Kyphoscoliosis	50
Arthrogryposis Multiplex Congenita	2
Chest Wall Abnormality	1
Fibrodysplasia Ossificans Progressiva	1
<b>3. Diaphragm Palsy</b>	
	21
<b>4. OHS and OSA</b>	
	162
<b>5. Neuromuscular and Neurological Conditions</b>	
a) MND	53
b) DMD	26
c) All other Neuromuscular Disease	
Ullrich Congenital Muscular Dystrophy	2
Bethlem Myopathy	5
Becker Muscular Dystrophy	4
Central Core Disease	1
Congenital Muscular Dystophy	8
Congenital Myasthenic Syndrome	1
Congenital Myotonic Dystrophy	20
Facioscapulohumeral Muscular Dystrophy	11
Inclusion Body Myositis	1
Limb Girdle Muscular Dystrophy	7
Distal Myopathy	1
Myasthenia Gravis	6
Mitochondrial Myopathy	2
Polymyositis	1
Pompe Disease	2
Spinal Muscular Atrophy	11
Kennedy's Disease	1
Multicore Myopathy	2
Myopathy (Respiratory and Proximal limbs)	1
Muscular Dystrophy	14
Nemaline Myopathy	2
Titin Myopathy	5
Myofibrillar Myopathy	1
Undiagnosed Congenital Myopathy	2
d) Cerebral Palsy	19
e) Spinal Cord Injury	45

f) Other Neurological Conditions	
Multiple Sclerosis	14
Moebius Syndrome	1
Guillain-Barre Syndrome	4
Chronic Idiopathic Axonal Polyneuropathy	1
Chronic Inflammatory Demyelinating Polyneuropathy	1
Demyelinating Neuropathy (monophasic inflammatory condition of unknown origin)	1
Friedreich Ataxia	1
Post-polio Syndrome	6
Lewis-Sumner Syndrome	1
Spina Bifida	7
Hunter Syndrome	1
Lennox-Gastaut Syndrome	1
Epileptic Encephalopathy with Hypotonia and Microcephaly	1
Childhood Herpes Simplex Encephalitis	1
Congenital Central Hypoventilation Syndrome	2
Japanese Encephalitis	1
Transverse Myelitis	1
Alexander Disease	1
Neuroferritinopathy	1
Neuromyelitis Optica	2
Huntington's Disease	1
Multiple System Atrophy	3
Parkinson's Disease	1
Progressive Supranuclear Palsy	1
Chordoma	1
Spinal cord Infarction	1
Chiari Malformation	4
Traumatic Brain Injury	8
Hypoxic Brain Injury	2
Trigeminal Schwannoma/ Craniotomy / Hemiparesis	1
Brain Stem Cerebrovascular Accident	2
Hereditary Motor Sensory Neuropathy	1
Other	
Post Covid -19	1
Patau Syndrome	1
Trisomy 21	2
Potocki-Lupski Syndrome	1
Ventilatory Failure of Unknown Origin	4
Ventilatory Failure Secondary to Opioids	2
Global Developmental Delay	3
Pitt-Hopkins Syndrome	1