

but as to whether there is a specific organism or a number of organisms which may set up the condition does not seem to be definitely settled. The organism described above corresponds very closely, morphologically and in cultural characteristics, to that described by Poynton and Paine. Their organism, however, possessed considerable virulence for rabbits.

From bacteriological observations made on the cases here reported, and on several non-fatal cases in the wards, it would appear that the disease was due to an organism of low virulence, which produces an arthritis from which it cannot easily be isolated, but that the virulence may increase so as to produce cardiac and pulmonary lesions and even death.

Clinical History.	Temperature.	Pulse.	Respiration.	White cells.	Source of Culture.	Organism.
Case 1. Age 16 Female Onset with polyarthritis Pericarditis on 5th day Pleuritis " 6th " Death " 9th "	96-103½	112-140	32-46	16,200	Heart's blood Shoulder joint Myocardium Pericardium	Pneumococcus
Case 2. Age 16 Female Acute rheumatism at 7, 11, and 12 years of age Present onset with arthritis Lobar pneumonia on 2nd day Endocarditis " 2nd " Death " 10th "	98-103	116-136	24-52	17,000	Heart's blood Pericardium Left ankle joint	Pneumococcus
Case 3. Age 14 Female Acute rheumatism at 13 years Present onset with arthritis Pleurisy on 9th day Endocarditis " 37th " Death " 101st	96-102½	72-148	22-48	9,600	Heart's blood Left shoulder joint	Pneumococcus
Case 4. Age 14 Female Growing pains in childhood Chorea at 12 years of age Present onset with hemiplegia Broncho-pneumonia 3rd day Arthritis " 9th " Death " 10th "	101-104½	124-138	36-54	17,800	Blood culture 7th day Heart's blood Left shoulder joint	Pneumococcus
Case 5. Age 30 Female Acute rheumatism at 15 years Present onset with dyspnoea Arthritis 34th day Broncho-pneumonia 40th " Death " 43rd "	95-102½	72-124	20-52	7,800	Blood culture 40th day Heart's blood Meninges.	Pneumo coccus