

Supplementary file

supplementary 1. Pathogens identified in patients with polymicrobial or monomicrobial NSTI

Gram stain	Pathogen	Polymicrobial (n=27)*	Monomicrobial (n=54)*
Positive	Streptococcus pyogenes	1 (1.7)	18 (33.3)
	Streptococcus pneumoniae	1 (1.7)	0
	Streptococcus group F	1 (1.7)	1 (1.9)
	Streptococcus viridans	3 (5)	0
	Streptococcus group B	1 (1.7)	6 (11.1)
	Staphylococcus aureus	4 (7)	6 (11.1)
	Staphylococcus coagulase negative	2 (4)	0
	Enterococcus spp	7 (13)	0
	Total isolates	20 (34)	31 (57.4)
	Negative	Pseudomonas aeruginosa	4 (7)
Escherichia coli		17 (31.5)	7 (13.0)
Enterobacter cloacae		1 (1.7)	1 (1.9)
Proteus mirabilis		5 (8)	2 (3.7)
Serratia marcescens		0	1 (1.9)
Klebsiella pneumoniae		5 (8)	2 (3.7)
Acinetobacter baumannii		6 (11)	3 (5.6)
Aeromonas hydrophila		0	2 (3.7)
Total isolates		38 (70)	22 (40.7)

*Values are presented as number and percentage out of total number of isolates: 58

in the polymicrobial group and 54 in the monomicrobial group. In some patients, cultures grew several types of bacteria such that the total number of isolates was larger than the number of patients.

supplementary 2. Laboratory characteristics of patients with polymicrobial or monomicrobial NSTI

Laboratory characteristic	Polymicrobial (n=27)	Monomicrobial (n=54)	P value
Hemoglobin (g/dl), mean±SD	9.6±1.9	10.1±2.0	0.38
WBC (x 10 ⁹ /l), mean±SD	18.8±6.8	14.1±9.5	0.03
Platelets (x10 ⁹ /l), mean±SD	346.9±146.1	229.9±122.3	<0.001
CRP (mg/dl), mean±SD	27.2±11.1	27.2±16.1	0.99
Creatinine (mg/dl), mean±SD	1.2±0.7	1.9±2.2	0.06
Glucose (meq/l), mean±SD	168.5±89.6	177.4±117.9	0.73
Lactate (mmol/L), mean±SD	2.95±1.93	2.71±1.72	0.61
Creatinine kinase (mg/dl), median (IQR)	58 (18-172)	149 (33-464)	0.68
Albumin (mg/dl), mean±SD	2.5±0.7)	2.7±0.8	0.18
Sodium (mEq/l), mean±SD	134.5±4.8	135.1±5.0	0.62

WBC, white blood cell count; CRP, C-reactive protein