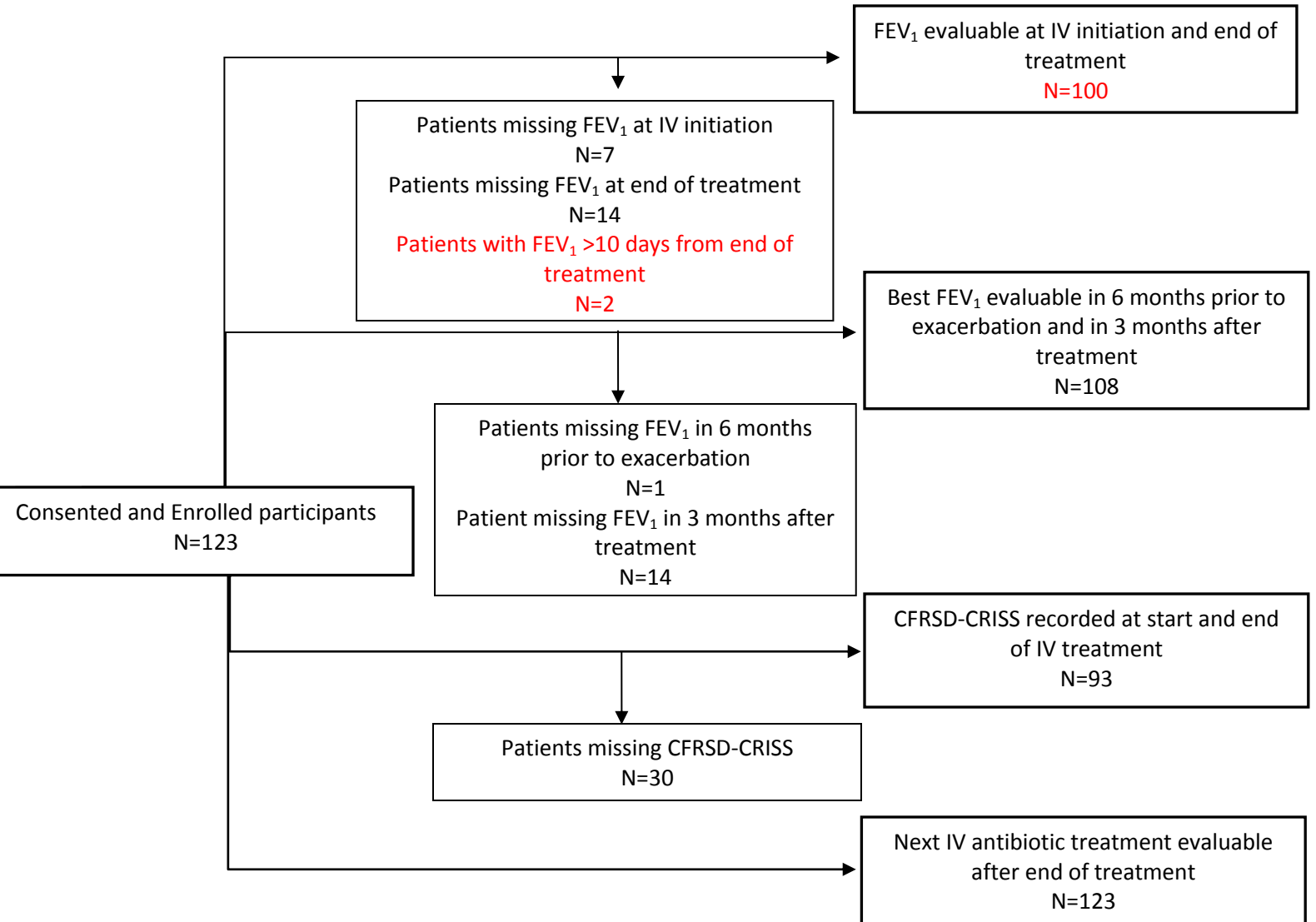


Supplementary Figure 1. Flow diagram of patient enrollment and follow-up



**Supplementary Table 1: Parameter estimates from multivariate modeling show in Figure 3**

Outcome	Covariate	Parameter Estimate	95% CI		p-value
<b>Figure 3 Panel (A)</b>					
Symptom Score (CRISS)	<i>Pa</i>	-4.2	-10.6	2.2	0.203
	MRSA	8.8	1.8	15.8	0.015
	Steroids	-12.0	-19.7	-4.3	0.003
	Oral or Inhaled abx	-3.8	-10.4	2.9	0.269
	MRSA active drug	-5.4	-12.4	1.5	0.128
	10-14 days IV duration	7.5	-2.8	17.8	0.159
	>14 days IV duration	8.2	-2.4	18.7	0.135
<b>Figure 3 Panel (B)</b>					
Treatment FEV1 Response < 10%	Female	2.30	0.77	6.86	0.134
	CFRD	0.48	0.15	1.56	0.221
	Base FEV <sub>1</sub> <50%	0.46	0.15	1.45	0.185
	≥10% FEV <sub>1</sub> drop	0.30	0.11	0.81	0.017
	Oral or Inhaled abx	3.49	1.15	10.61	0.027
	10-14 days IV duration	4.06	0.43	38.55	0.223
	>14 days IV duration	14.16	1.51	133.2	0.021
<b>Figure 3 Panel (C)</b>					
Recovery of baseline FEV1 < 90%	CFRD	0.43	0.10	1.87	0.257
	MRSA	0.30	0.07	1.42	0.130
	Any IV 6 mos prior	4.78	1.24	18.41	0.023
	Steroids	0.29	0.03	2.53	0.263
<b>Figure 3 Panel (D)</b>					
Time to next IV antibiotic	Female	1.32	0.89	1.98	0.172
	Any IV 6 mos prior	2.68	1.75	4.10	<.001
	Base FEV <sub>1</sub> <50%	2.44	1.53	3.89	<.001
	10-14 days IV duration	0.50	0.29	0.89	0.018
	>14 days IV duration	0.38	0.20	0.70	0.002