SBT at the following setting for 2 hours
CPAP: FIO\(_2\) \(\leq 0.5\), PEEP 5cmH\(_2\)O, PS 5cmH\(_2\)O

N=23

Meet the extubation criteria?

Yes

N=12

Extubation to oxygen mask

No (first failure)

N=11

SBT at the following setting for 2 hours after RM
CPAP: FIO\(_2\) \(\leq 0.5\), PEEP 8cmH\(_2\)O, PS 5cmH\(_2\)O

Meet the extubation criteria?

Yes

N=6

Extubation followed by NPPV at the following setting
CPAP: FIO\(_2\) \(\leq 0.5\), PEEP 8cmH\(_2\)O

No (second failure)

N=5

Change the ventilator mode to SIMV