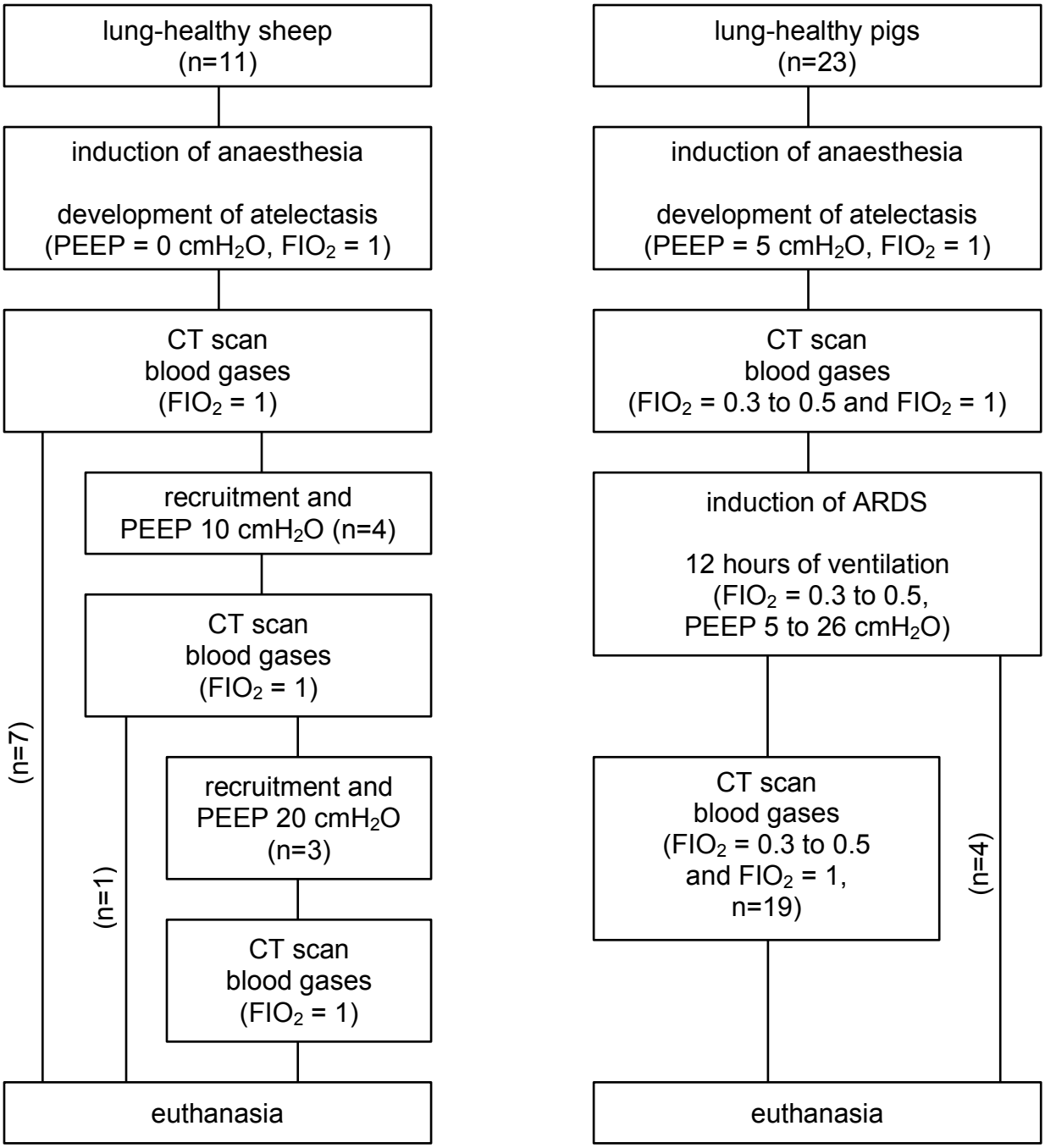
lung-healthy sheep
(n=11)
induction of anaesthesia
development of atelectasis
(PEEP = 0 cmH2O, FIO2 = 1)
CT scan
blood gases
(FIO2 = 1)
recruitment and
PEEP 10 cmH2O (n=4)
CT scan
blood gases
(FIO2 = 1)
recruitment and
PEEP 20 cmH2O
(n=3)
CT scan
blood gases
(FIO2 = 1)
(n=7)
(n=1)
euthanasia
lung-healthy pigs
(n=23)
induction of anaesthesia
development of atelectasis
(PEEP = 5 cmH2O, FIO2 = 1)
CT scan
blood gases
(FIO2 = 0.3 to 0.5 and FIO2 = 1)
induction of ARDS
12 hours of ventilation
(FIO2 = 0.3 to 0.5,
PEEP 5 to 26 cmH2O)
CT scan
blood gases
(FIO2 = 0.3 to 0.5
and FIO2 = 1,
n=19)
(n=4)
euthanasia