

26 consecutive patients
with ALI/ARDS

6 patients excluded
prior to randomization
-4 underwent ECLS
-1 improved strikingly
-1 died

20 patients randomized

Basal measurement (supine)

Prone position for 2 hours
(Measurements PP1h and PP 2h)

Prone position plus
upright position for 2 hours
(Measurements PP+EH 1h
and PP+EH 2h)

Prone position plus
upright position for 6 hours
(Measurements PP+EH 1h,
PP+EH 2h and PP+EH 6h)

Prone position for 6 hours
(Measurements PP1h, PP 2h
and PP 6h)