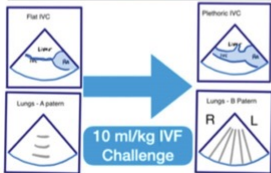
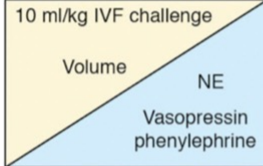
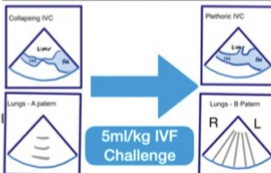
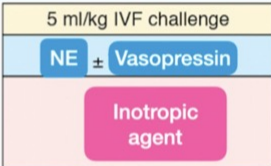
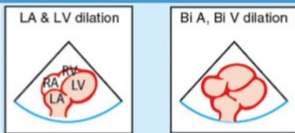


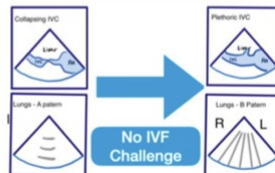
Cluster 1



Cluster 2



Cluster 3



Heart lung interaction (eg PPV) is accurate when

Passive ventilation with no effort, TV > 8, RR < 30, sinus rhythm, no RV failure, closed chest

PPV not accurate in case of RV failure, do not follow