

- · Without spontaneoue lucathing activity.
  Since Rhythm.
- · Falsely kigh PPV: (P) Ventricular dye function.
- · Falsely Low PPV: Low TV

  Poor pulmonary compliance
  Low ratio of Real rate to RR

  < 3.6

  High frequency vertilation
- \* Tidal Volume Challenge Teet: simple hed side feet
- PBW for I min. & reducing leach TV hack to 6ml/kg & observing change in ppv x SVV.
- · An 1 in absolute value of ppv > 3.5%.

  8× SVV \geq 2.5% predict fluid supersinnear
- \* End-expiratory Declusion test: (EEOT)
  - Done by giving expiratory pour for 15 sees be booking for change in c.O using continuous c.O monitor.
  - . When C.O change is >5%, then the pt is a fluid responder.

- · Used over in pt with poor compliance, Right the end - expiratory pressure. X cardior arrythmias.
- \* Echocardiography quided test for fluid responsivenes
- The changes in Ivc, suc se aostic soot velocity during suspiratory eyele predicte fluid susponsinense.
- \* Ivc & svc variability
  - During inspiration, it trashoracic personse is transmitted to IVC couring distension of IVC when present on ppv he there will be a collapse of IVC when an spontaneous vertibation only when there is a prebood dependency
- · SVC variability is assessed by trans-occopying echo cardiography (TOE)
- · SVC collapse during PPV

  SVC collapse during PPV

  SVC collapse during PPV

  Alex > 36%. J responsioners

B] DRELOAD CHALLENGE TESTS:
* Passive Leg raising teet: an internal fluid challenge.
· Parine devation of LL from Remi-remmhent position.
This allows transfer of verone blood from both lower limbs as from splanchmic circulation towards the treat as acti as in benal fluid challenge.
circulation towards the thent we act as in benal fluid challings.
. The amount of perbook challenge produced by PLRT is ~ 300 ml
CJ FLUID CHALLENGE
Classical fluid challenge - giving a random fluid hole of 300-500ml to lee for changes in asterial presence, central venous presence
in askrial prunner, central venous prunure  Nini Phil Challenge:
** Mini Pluid challenge:  Administer 100 ml of colloid in I min
Response assessed by change in subsorbic relocity time integral be TTE



