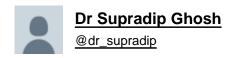
Twitter Thread by **Dr Supradip Ghosh**





Some thought about DVT prophylaxis in ICU. Part of my presentation on the same topic.

Question 1: What is the incidence of DVT and PE in current era of widespread thrombo-prophylaxis? #FOAMed

Question 2: How do you diagnose DVT in ICU?

■■I think, the best evidence is available for CUS with limited scope for Venography.

And no role of D-Dimer.

#FOAMed

Question 3: Is there any evidence supporting Heparin thrombo-prophylaxis in ICU? #FOAMed

Yes.

- 1■Number needed to prophylax to prevent 1 DVT 20
- 2■Number needed to prophylax to prevent 1 PE 52
- 3■Overall no major bleeding. But bleeding risk need to be individualised.

Question 4: Is there any evidence of LMWH over UFH in VTE Prophylaxis? #FOAMeYes.

- 1■LMWH decreases DVT. But no difference in Proximal DVT.
- 2■No difference in PE.
- 3■No difference in major bleeding.
- 4■Lower incidence of HIT in LMWH (PROTECT Trial).
- 5■Overall advantage LMWH.

Question 5: Is there any role of Mechanical Thromboprophylaxis? #FOAMed

Question 6: What is the evidence for Pharmacological Thromboprophylaxis in patients with low CrCL?

- 1■Maximum evidence is for Dabigatran.
- 2■But unfortunately even on Dabigtran with adequate Anti-factor Xa level maintained both DVT and bleeding risk remains high.

#FOAMed

Question 7: Any evidence in TBI?

#FOAMed

Suggestions.

- 1■GCS 13-15. No bleed expansion at 48-H. Start.
- 2■GCS 13-15. Some expansion at 48-H. Start only after 72-H.
- 3■GCS 3-12. Not before 72 H. But before 7-days.
- 4■For DAI. No bleeding. Start after 72-H.
- 5**■**Consult Neurosurgery.

Question 8: How to treat DVT in ICU?

#FOAMed

- 1■Standard anticoagulation.
- 2■Limited role for Catheter Directed Thrombolysis.

Question 9: How do I provide DVT prophylaxis in my ICU? #FOAMed

- 1■All ICU patients need DVT prophylaxis.
- 2■Pharmacological preferred over Mechanical.
- 3■If DVT prophylaxis not given for some reason, the reason must be documented.

Question 10: Is there any evidence for DOACs?

#FOAMed

- 1■Yes. For several of them.
- 2■APEX supports Betrixaban for prophylaxis.
- 3■Xalia supports Rivaroxaban for treatment.
- 4■But will be cautious in using them in my patients. Limited evidence in ICU patients. Limited reversal agent.