

Current & Future State of ED & how **Primary Care Can** Help

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Vaccines-related complications in the community

- AZ -> VITT + General & Localised reactions
- Pfizer -> Cardiac + General & Localised reactions

Luckily, the rate of presentations will come down as we are almost at the double rates vaccinations (less likely for complications to happen)

AstraZeneca

General & Localised reactions

** Patient education

** Handouts about symptoms as the patients waiting for their vaccines to go through

** Offer them to ring for any queries



AstraZeneca

VITT

- 4-42 days after the vaccine (1st or 2nd dose)
- Thmobosis, AND (initial count can be normal in VITT)
- Thrombocytopaenia (<150x10₉) AND
- High D-Dimer (Typically more than 5 upper normal limit)

**If patient is not acutely unwell, can be investigated in the community

**4 hours turnaround time for pathology results

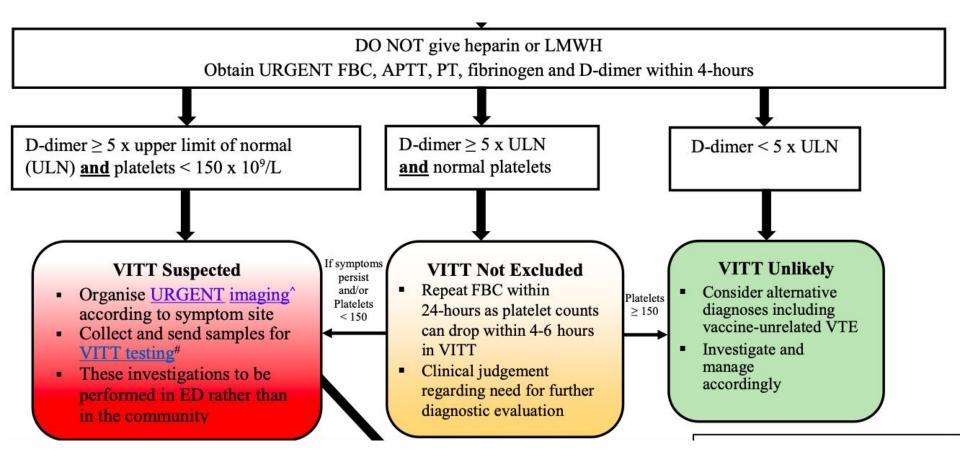
Isolated thrombocytopaenia?

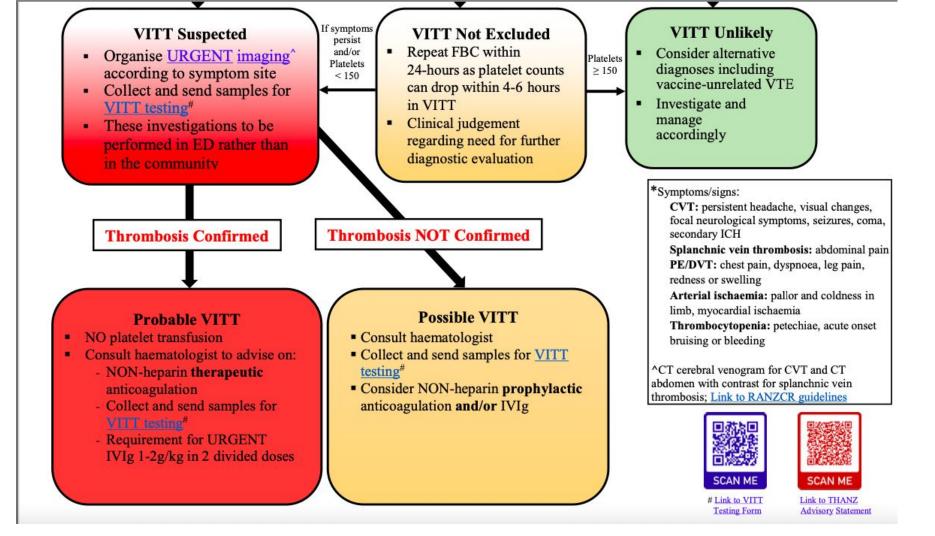
Vaccine-associated immune thrombocytopaenic purpura



Investigations

- FBC
- APTT
- PT
- Fibrinogen
- D-Dimer
- ** Results available within 4 hours





Pfizer

Mainly Pericarditis & Myocarditis

- Within the first 5 days of the vaccine
- Can happen in kids too (with more kids being vaccinated now)
- Usually good recovery/prognosis

Pfizer

Chest pain, palpitations, SOB

- Examination (chest auscultation, Postural BP, HR, perfusion state)
- ECG
- Echo liaise with local cardiologist for urgent echo's
- Trop leak in Myocarditis