



WHAT IS BLOCKING THE BLOCK?

CAUSES OF FASCIAL PLANE BLOCK FAILURE

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Oops...my block failed!!



1



PATIENT RELATED

ANATOMICAL FACTORS
(scoliosis, burn contracture)



Obesity



Previous surgery



Obstruction to diffusion



2



SURGICAL

Extension of surgical incision



Uncooperative surgeon



Inadequate wait time between block and incision



3



EQUIPMENT

Improper probe selection



Faulty needles and injection equipments



Malfunction of PCA Pump



**Manufacturing defects in catheters
Displacement of catheter**



4



DRUG

Inadequate drug volume or concentration



5



PERSONNEL

Inexperienced anaesthesiologist



Improper training of pain nurses



TAKE HOME MESSAGE

Tips to prevent failure

- Block curated according to surgical plan
- Ensure needle tip visualisation before injecting the drug
- Selection of appropriate US probe and echogenic needle
- Monitoring by a dedicated acute pain services team