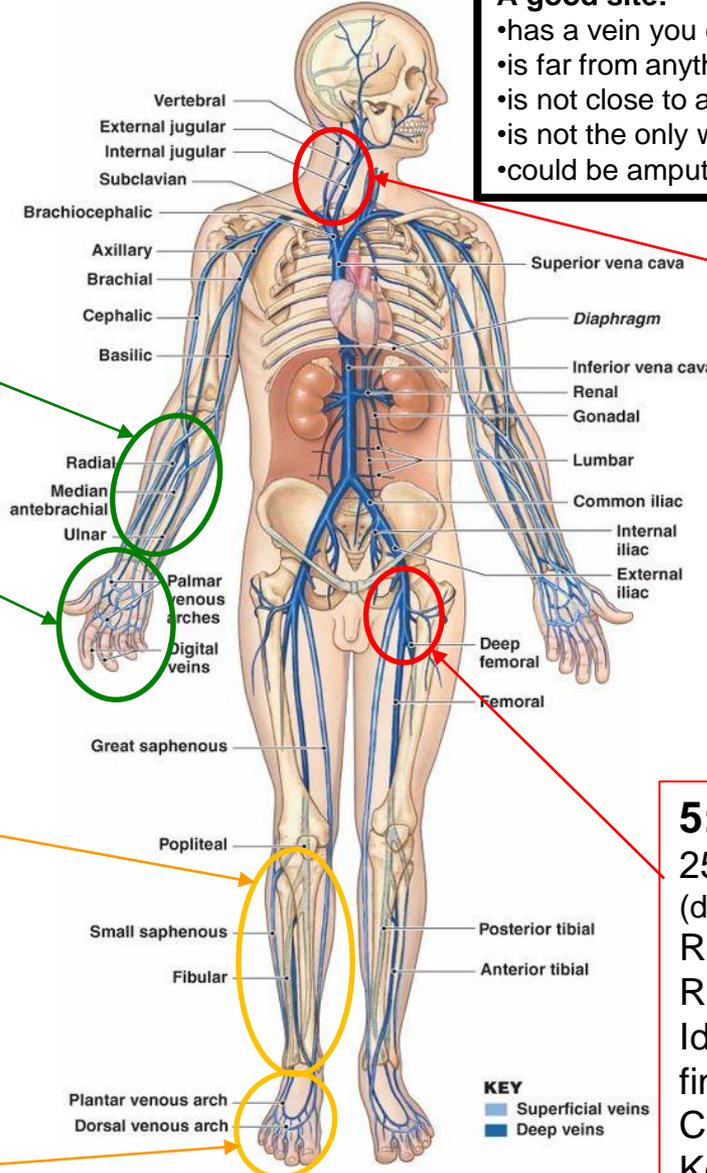


# Intravenous Injection



An overview of the systemic venous system



## A good site:

- has a vein you can see, feel and reach
- is far from anything important (e.g. nerves, arteries)
- is not close to anything important if it gets infected
- is not the only way back to the heart if vein gets blocked
- could be amputated if the worst came to the worst.

**1: veins in forearm**  
30G, 29G or 27G needle

**2: veins on back of hand**  
30G, 29G needle  
remove rings prior to injecting  
inject slowly, shallow angle  
Veins prone to moving

**3: veins on legs**  
29G, 27G, 26G needle  
Avoid varicosed veins

**4: veins on feet**  
30G, 29G, 27G needle  
Wash feet first  
Keep feet elevated post injection  
Keep feet in clean socks  
Watch for infection

**6: veins in neck**  
27G or 26G needle  
Very high risk!  
Infections and damage can be life threatening  
Strongly explore cessation and alternative routes.  
Use stronger needle to reduce risk of snapping in site  
Use mirror to see site  
Inject in direction of flow

**5: femoral veins**  
25G 1", 23G 1" or 1.25", 22G 1.5"  
(depends on depth of vein & scarring)  
Risk of hitting artery or nerve  
Risk of DVTs and Sinus formation  
Identify position of artery by finding pulse  
Cover artery with fingers  
Keep wound and area clean