

Prophylactic IV cannula installation of low dose heparin in the prevention of superficial Thrombophlebitis in surgical patients**Prathima Gogineni***Leicester General hospital, UK*

Peripheral intravenous cannulation is a common procedure in medical practice. Improper IV cannulation can cause intimal damage leading to complications ranging from superficial thrombophlebitis, cellulitis, etc. Thus, prophylaxis will be a better alternative compared to treatment for complications of IV cannula insertion which can be achieved by the installation of low dose heparin. Heparin is an anticoagulant that prevents clot formation by AT-dependent inhibition of factors II and X (mainly). The addition of heparin decreases the rate of catheter occlusion and prolongs the duration of catheter patency. Significant reduction in rates of thrombophlebitis and infusion failure is observed.

Biography

Dr Prathima Gogineni is a doctor in Leicester general hospital, UK