VASCULAR ACCESS

CVC Dysfunction: Conservative and Pharmacologic Management



Checklist for the Non-Interventional Management of CVC Dysfunction:

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Use a conservative bedside approach first before other medical or mechanical interventions (e.g. patient repositioning, saline flush etc.).



Administer intraluminal thrombolytic agent in each CVC port to restore function of dysfunctional CVCs due to thrombosis.



Consider: Use alteplase or urokinase plus citrate 4% per limb for restoring intraluminal CVC blood flow in an occluded CVC.



Suggest: intraluminal administration of alteplase 2 mg in preference to alteplase 1 mg in each CVC port to restore function of dysfunctional CVCs due to thrombosis.



Suggest: Administering recombinant tissue plasminogen activator (rTPA) e.g. alteplase, by the dwell or push method to treat CVC dysfunction.

CPG 22.1

CPG 22.2

CPG 22.3

Flow Diagram 22.a. Management of Hemodialysis Catheter (CVC) Dysfunction: Conservative and Pharmacological Maneuvers



Flow Diagram 22.b. Management of Hemodialysis Catheter (CVC) Dysfunction: Mechanical Maneuvers

