Evaluation of Optimal Anticoagulation Regime in Patients Who Need Dentistry Intervention: Review of Article

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Abstract

Background and Aim: Today the use of Anticoagulation drugs (Warfarin, Aspirin, Plavix and Ticlopidine) is critical in many cardiac diseases including patients with mechanical Heart Valve Prosthesis and biologic valve (for3months) and Coronary Stents in coronary artery disease. Cessation of this essential drug can cause dismal complications with potential mortality due to thrombosis and embolic events. This is a review of article study that evaluates optimal anticoagulation treatment with minimal risk of hemorrhage and also no cardiovascular complications.

Materials and Methods: In the review and papers related to anticoagulation treatment in patients with Prosthetic Heart Valve and any other prosthetic materials who need dentistry intervention, 41articles about various anticoagulation regimes in this type of patients was studied in time of dentistry intervention . These papers were indexed in PubMed and Scopus and Medline from 1966 to 2014.

Conclusion: In the study of published papers most authors believe that in patients who undergo anticoagulation therapy, majority of dentistry procedures can be applied without the need for any change in Anticoagulation regime and complete control of bleeding can be achieved with local hemostasis with expert dentist team in twenty-care center

Keywords: *Anticoagulant, Cardiac surgical procedures, Dentistry intervention.*

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