

The invention relates to the use of direct or indirect selective inhibitors of factor Xa acting via antithrombin III, alone or in combination with one or more compounds with anti-platelet aggregation activity, for the preparation of medicines intended to prevent and to treat thromboembolic arterial diseases. The subject of the invention is also pharmaceutical compositions containing one or more direct or indirect selective inhibitors of factor Xa which act via antithrombin III in combination with one or more compounds with anti-platelet aggregation activity, and optionally one or more pharmaceutically acceptable vehicles.