Effect of habitual diet on platelet phospholipid polyunsaturated fatty acids

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Dietary arachidonic acid (AA) can increase platelet AA level, leading to increased production of thromboxane A₂ (TXA₂), a known vasoconstrictor and a potent intiator of platelet aggregation. Omega-3 polyunsaturated fatty acids (PUFA), particularly eicosapentaenoic acid (EPA) have beneficial effects in the area of thrombosis, by reducing platelet AA levels and producing an alternative form of themboxed (TXA), which is relative to the production of themboxed (TXA), which is relative to the production of themboxed (TXA), which is relative to the production of themboxed (TXA), which is relative to the production of themboxed (TXA), which is relative to the production of themboxed (TXA), which is relative to the production of the production of themboxed (TXA), which is relative to the production of the productio