

Rare coagulation disorders

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"Rare bleeding disorders"

by Flora Peyvandi

1. The prevalence of rare bleeding disorders increases 8-10 folds in countries where consanguineous marriages are customary. (*chapter 1-6*)
2. Among patients with rare coagulation disorders, only a minority had spontaneous hemarthroses and muscle hematomas, in spite of the fact that three-fourth of them has severe deficiencies of clotting factors. (*chapter 5*)
3. A homozygous 2bp deletion-type mutation in the preproleader sequence of the FVII gene, causing undetectable FVII coagulant activity in plasma, is compatible with human life. (*chapter 3*)
4. An insertion type mutation caused by a 15bp duplication of codons 212 to 217 does not interfere with FVII synthesis, but is associated with abnormal folding, intracellular degradation, secretion failure and loss of the coagulant activity probably caused by a perturbation at its calcium binding site in the catalytic domain. (*chapter 3*)
5. The first requirement for therapy is protection of the patient from transmission of bloodborne infectious agents and the second requirment is low cost, particularly important, in developing countries. (*chapter 4*)
6. If an old and famous scientist declares that something is possible he is almost certainly right; if he states that it is impossible he is probably wrong. (*A.C. Clarke*)
7. Minds are like parachutes. They only function when they are open. (*Sir James Dewar*) (1877-1925)
8. Geniality is the capacity to put in practice what one has in mind. There is no other definition of the genius. (*Francis Scott Fitzgerald*)
9. Dreams and deeds are not as different as many thinks. All the deeds of men are dreams at first and become dreams in the end. (*Theodor Herzl*) (1860-1904)
10. Learning without thought is labor lost; thought without learning is perilous. (*Confucius*) (551-479 B.C.)
11. Nothing in life is to be feared. It is only to be understood. (*Marie Curie*) (1867-1934)