Interdisciplinary approach in management of the Osteogenesis imperfecta (OI)

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The performing studies have proved that the therapeutical successes are the result of the combination of medical therapy with multiple surgical interventions, orthopedic but also with the recovery methods, that constitutes in a fight against the immobilization. An early intervention, based on the collaboration of different experts allows the improvement of the life quality. It managed the creation of a national network between the reference centres, experienced in management of this disease.

The treatment with the biophosphonates changed the natural evolution of the IO, to the growing child. It is going on researching methods of administration of the biophosphonates so that can be specified for each case in particular which is the minimum therapeutically dose with minimum side effects, on a long term. The treatment of this disease is interdisciplinary (medical, surgical, and of rehabilitation).

The last years researches bring the hope of the genic therapy in the imperfect osteogenesis (MSCs - bone marrow called mesenchymal stem cells), therapy which will permit substantial improvements at skeletal level and so that an increasing of hope and life quality.