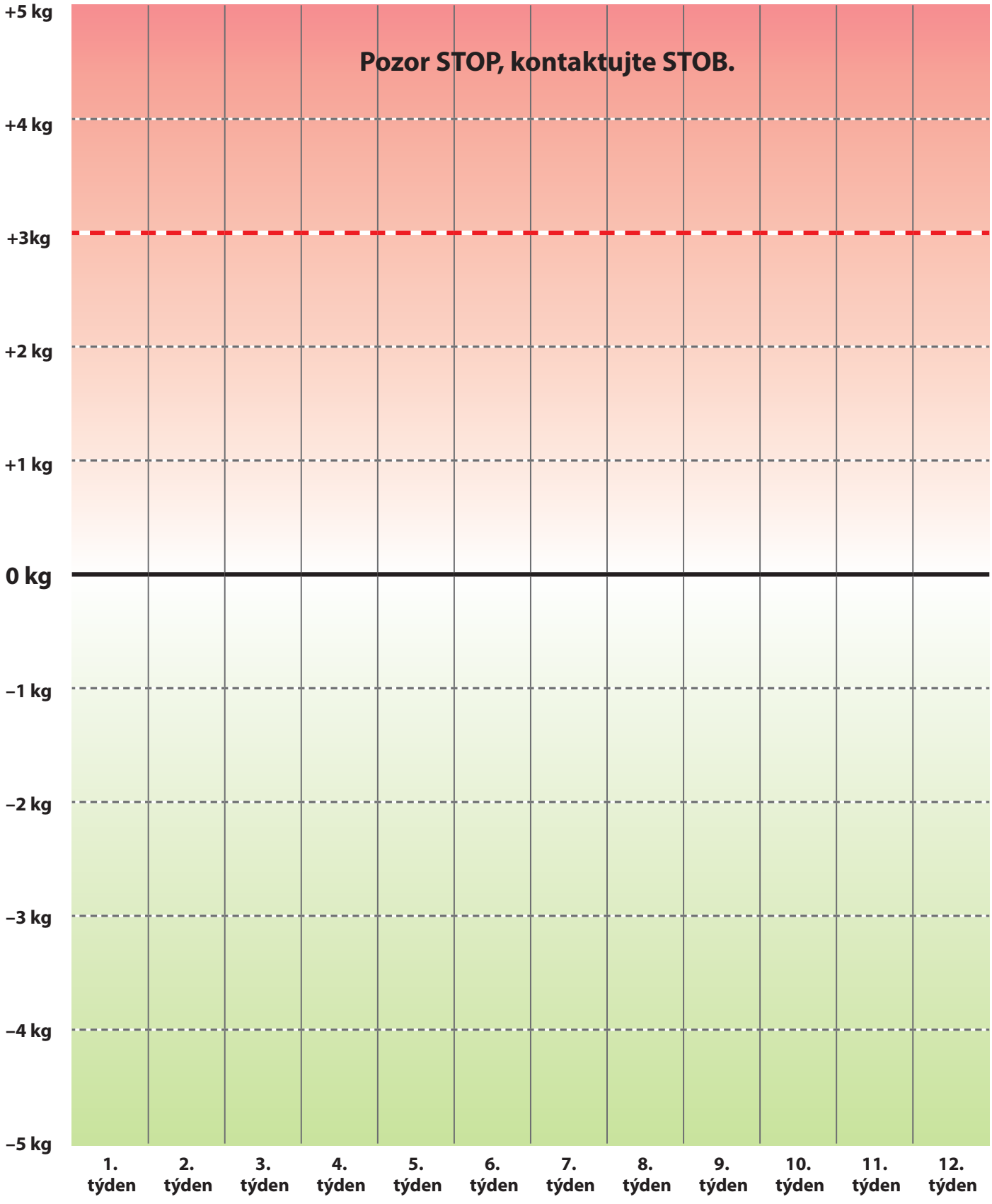GRAF JAK SI VEDU