

# **Implant Treatment in Young Patients**

Pavel Kříž

Nowadays is ever increasing number of patients treated with dental implants before 18 years of age. There are several reasons. These include loss as a result of tooth decay, trauma of the tooth with its subsequent loss. Another important group is adolescents with agenesis of permanent tooth/teeth. Treatment using the dental implants is always possible after the completion of skeletal growth, which must be verified. These groups of patients often require complex treatment, including orthodontic pretreatment. It is necessary to create enough space for the implant placement, and then to start its prosthetic reconstruction. Lack of bone is solved according to the amount of bone loss using bone augmentation. In favorable cases is preferred immediate implant insertion and immediate reconstruction after extraction of deciduous tooth. For esthetic outcome and stability is efficient augmentation of soft tissue. For optimal results, the therapy requires the cooperation of the entire dental team. Using dental implant we can fully reconstruct the dental arch in very young patients.