

Speaker: Dr. Pierpaolo Cortellini

Can regeneration change the prognosis of teeth with severe intrabony and furcation defects?

Summary

Compromised teeth, molars in particular, represent a formidable clinical challenge, as they are lost or extracted with high frequency. Extraction of teeth with severe prognosis is sometimes unavoidable: in these cases implant therapy is a modern and predictable solution. However, advances in regeneration of periodontal intrabony defects and the parallel development of newer biomaterials and novel surgical techniques have significantly changed the prognosis of single rooted teeth with increasingly complex defects. Similar significant clinical improvements can be achieved by applying periodontal regeneration to complex intrabony defects combined with furcation involvement in both maxillary and mandibular molars. Teeth treated with periodontal regeneration have been demonstrated to be retained long-term with very high predictability.