

Клиническая документация по системе имплантатов ASTRA TECH Implant System™

Система имплантатов ASTRA TECH Implant System обладает четырьмя ключевыми особенностями: дизайном соединения имплантата и абатмента Conical Seal Design, мелкой резьбой на шейке имплантата MicroThread, уникальным контуром Connective Contour, который создается при соединении абатмента и имплантата, и поверхностью OsseoSpeed.

Поверхность OsseoSpeed была представлена в 2004 году. Это дальнейшее развитие умеренно шероховатой титановой поверхности TiOblast, период проспективного последующего наблюдения которой — один из самых длительных, описанных в литературе по дентальным имплантатам¹⁻⁸.

Имплантаты OsseoSpeed документированы в нескольких проспективных клинических исследованиях с минимальным сроком последующего наблюдения 1 год. Результаты демонстрируют, что данные имплантаты можно безопасно использовать при ряде показаний в верхней и нижней челюсти с показателем приживаемости от 94,5 до 100 %⁹⁻²⁴. Такие же хорошие результаты получены для протоколов немедленной нагрузки при атрофии верхней челюсти²⁵⁻²⁷, синус-лифтинге и трансплантации в боковых отделах²⁸⁻³⁶ и немедленной установке в лунки удаленных зубов^{15-17, 24, 37-45}. Более того, в ряде исследований отмечен хороший эстетический результат^{24, 41, 46-50} и высокая степень удовлетворенности пациентов^{16, 51-66}.

Зарегистрировано чрезвычайно малое изменение коэффициента стабильности имплантатов OsseoSpeed^{31, 67-71} в период раннего восстановления, что интерпретируется как непрерывное усиление остеоинтеграции и устойчивости. В проспективных клинических исследованиях отмечены весьма незначительные изменения уровня кости в области шейки имплантатов OsseoSpeed после 1 года^{25, 32, 40, 49, 60, 68, 69, 72-85} (от +0,06 до 0,54 мм), 2 лет^{21, 86-88} (от 0,11 до 0,6 мм), 3 лет^{15, 17, 23, 27, 58, 67, 89-92} (от +1,6 до 0,88 мм) и 5 лет^{19, 42, 70, 93, 94} функционирования (от 0,1 до 0,3 мм). По существу, в большинстве исследований отмечена средняя атрофия кости в области шейки имплантата 0,3 мм или менее после 1, 2, 3 и 5 лет функционирования.

Материалы о ключевых особенностях системы имплантатов ASTRA TECH Implant System см. на сайте www.dentsplyimplants.com

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