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Roxolid Implants - An Overview

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Abstract

The use of titanium implants is well documented and they have high survival and success rates. Evolving recent trends in surface modification of implants has resulted in better understanding of implant bone interface. Narrow diameter implants (NDIs) of titanium-zirconium (Ti-Zr) alloy have recently been developed (Roxolid). Ti-Zr alloys are highly biocompatible materials and they demonstrate superior mechanical properties and better bone implant contact in initial healing phase than commercially pure titanium.

Key words: Surface characterization, Titanium–zirconium, Roxolid, SL Active.

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