

Laser cutting of coronary stents: Progress and development in laser based stent cutting technology

Abstract

Laser cutting is one of the key fabrication technologies applied to coronary stent manufacture. This paper reviews the recent progress in laser-based stent manufacturing, including different type of lasers used, laser interaction with different stent materials, process characteristics and quality/productivity issues.

Keywords

Biocompatible; Laser micromachining; Long pulsed lasers; Review; Stent; Ultra-short pulsed lasers; Underwater