

**Name of Journal:** *World Journal of Clinical Cases*

**ESPS Manuscript NO:** 24887

**Manuscript Type:** Observational Study

**445 nm diode laser: a new help in oral surgery.**

Carlo Fornaini\*, Jean-Paul Rocca, Elisabetta Merigo

## Match Overview

1

Internet 12 words  
crawled on 24-Nov-2015  
[www.healinglightseminars.com](http://www.healinglightseminars.com)

1%

学术搜索

找到约 18,100 条结果 (用时0.11秒)

小提示: 只搜索中文(简体)结果, 可在 学术搜索设置 指定搜索语言

时间不限

2016以来

2015以来

2012以来

自定义范围...

按相关性排序

按日期排序

搜索所有网页

中文网页

简体中文网页

☒ 包括专利☒ 包含引用

[PDF] Osteonecrosis of the maxilla in a patient with a history of bisphosphonate therapy

MD Melo, G Obeid - J Can Dent Assoc, 2005 - cda-adc.ca

... The toluidine blue sensitizes the bacterial cell membrane to laser light. ... He has achieved advanced proficiency in use of the diode (980 nm) and Er: YAG (2940 nm) laser ... and Nd: YAG lasers since 1992 and achieved advanced proficiency certification with the CO2 laser in 1998. ...

被引用次数: 145 相关文章 所有 8 个版本 引用

Effect of NASA light-emitting diode irradiation on wound healing

HT Whelan, RL Smits Jr, EV Buchman... - ... medicine & surgery, 2001 - online.liebertpub.com

... Light-emitting diodes' light qualities and their corresponding scientific applications. ... Evaluation of light-emitting diode photobiomodulation on bone healing of rat calvarial ... LED 590nm photomodulation reduces UVA-induced metalloproteinase-1 expression via upregulation of ...

被引用次数: 404 相关文章 所有 41 个版本 引用

Influence of low - level laser treatment on bone regeneration and osseointegration of dental implants following sinus augmentation: An experimental study on sheep

N Jakse, M Payer, S Tangl, A Berghold... - Clinical oral implants ..., 2007 - Wiley Online Library

... Interactive colouring of the implant (green) and the peri-implant bone tissue (blue) - areas of ... In their study a 100 mW diode laser with a wave length of 690 nm was ... Indeed, Dörtbudak's findings consequently led to further experimental studies, which evaluated LLLT's impact on ...

被引用次数: 72 相关文章 所有 6 个版本 引用

Nd: YAG and CO2 laser therapy of oral mucosal lesions

JM White, SI Chaudhry, JJ Kudler... - ... medicine & surgery, 1998 - online.liebertpub.com

... Leukoplakic lesions were stained with a 1% toluidine blue solution with acetic acid rinse, to aid in determining the margin of ... stimulate a neurological response per pulse.13 In contrast, the pulse durations of interrupted continuous wave lasers, such as the CO2 laser used in ...

被引用次数: 172 相关文章 所有 3 个版本 引用

[HTML] Treatment of oral lichen planus with photodynamic therapy mediated methylene blue: a case report

F Aghahosseini, F Arbabi-Kalati... - ... Oral, Patología Oral y ..., 2006 - SciELO Espana

... A diode laser (Lumina®; Russia; 632 nm, CW) was used as light source. ... Nearly a century ago



Blue diode laser, a new approach in oral surgery: a case report.



Ricerche

Le mie citazioni

Articoli

La mia biblioteca

In questo momento

Dal 2016

Dal 2016

Dal 2016

Intervallo specifico...

**Blue diode laser: a new approach in oral surgery?**

C Farnani, E Merigo, S Schiavi... - SPIE ..., 2016 - proceedings.spiedigitallibrary.org

abstract. The introduction of diode lasers in dentistry had several advantages, principally consisting on the reduced size, reduced cost and possibility to beam delivering by optical fibers. Up today two diode wavelengths 810 and 980 nm, were the most utilized in oral ...

Cerca da 1 - Citazioni

Visualizzazione del risultato migliore di questa ricerca. Mostra tutti i risultati

Informazioni su Google Scholar

Privacy

Termini

my feedback

Ordina per pertinenza

Ordina per data

Cerca nel Web

Pagina in italiano

☒ Includi predefiniti☒ Includi storico





全部 图片 地图 新闻 视频 更多 ▾ 搜索工具

找到约 8,150 条结果 (用时 0.62 秒)

### [PDF] SIROLaser Blue— Three wavelengths with one single device - Sirona

[www.sirona.com/.../SIROLaser\\_Blue—Three\\_wavelengths\\_with\\_one\\_single...](http://www.sirona.com/.../SIROLaser_Blue—Three_wavelengths_with_one_single...) ▾ 翻译此页

SIROLaser Blue, the first **dental diode laser** with a blue, infrared ... wavelength of **445 nm** is used in soft-tissue **surgery** be- cause it is ... with a better inflammatory response and **helps** to ... regarding the **new** laser device, Sirona invited 28 ex -

### [PDF] LASER IN DENTISTRY SIRONA.COM/LASER

<https://www.sirona.com/.../A91100-M45-B878-01-7600.pdf&download=1> ▾ 翻译此页

With the SIROLaser Blue, you decide on a **new**, innovative, and pioneering ... The instrument **helps** ... The SIROLaser Blue is the world's first **dental laser** to have a blue, an infrared, and a red **diode**. ... **BLUE: 445 NM, RED: 660 NM, INFRARED: 970 NM** ... all fields of soft tissue treatment (**surgery** and germ reduction).

### Diode laser (980nm) in oral and maxillofacial surgical procedures ...

[https://www.researchgate.net/.../12130999\\_Diode\\_laser\\_980nm\\_in\\_oral\\_an...](https://www.researchgate.net/.../12130999_Diode_laser_980nm_in_oral_an...) ▾ 翻译此页

2016年5月12日 - The aim of this study was to examine the wound healing of soft tissue after the application of a **diode laser** (980 **nm**) in **oral surgical** procedures.

### Lasers in Restorative Dentistry: A Practical Guide

<https://books.google.com.hk/books?isbn=3662473178> - 翻译此页

Giovanni Olivi, Matteo Olivi - 2015 - Medical

In the blue spectrum at **445 nm**, a **new diode laser** was recently introduced in ... lasers for endodontic and periodontal decontamination and **oral surgery**: diode ...

### A novel blue light laser system for surgical applications in dentistry ...

[www.ncbi.nlm.nih.gov/pubmed/27251194](http://www.ncbi.nlm.nih.gov/pubmed/27251194) - 翻译此页

作者: J Reichelt - 2016 - 相关文章