

*Paper presented in the IV International Conference  
on Applications of Physics in Medicine and Biology  
Trieste, september 1992*

COLEÇÃO PTC

DEVOLVER AO BALCÃO DE EMPRÉSTIMO

IPFN-DOC- 1925

# APPLICATIONS OF LASERS IN MEDICINE

D. M. **Zezell**

Instituto de Pesquisas Energéticas e Nucleares- IPEN  
Divisão de Materiais Optoeletrônicos- NMO  
São Paulo- BRAZIL.

## Abstract

In Biology and Medicine radiations from different regions of the electromagnetic spectrum have always been used as an analytic and therapeutic agents. The great impact of the lasers as a medical tool is the consequence of the special properties of this light source. They can improve existing techniques and make feasible procedures, now called "laser specific". A review of applications of lasers to medicine and the physical mechanisms of these applications will be discussed.

**Key Words:** lasers, applications.