Abstract Submitted
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The Comparison of Laser Therapy and Chemotherapy in the Treatment of Malignant Cancers[1] MARYSTEVEN UCHEGBU[2], None — The term "laser"stands for light amplification by stimulated emission of radiation.Lasers are most commonly used to treat superficial cancers; such as Basel cell skin cancer and the very early stages of some cancers,such as cervical,penile, vaginal,vulvar,and non-small cell lung cancer.There are three types of lasers used to treat cancer:CO2 lasers, argon lasers,and Nd:YAG lasers.In contrast to the formers,the Nd:YAG laser is more commonly applied through an endoscope to treat internal organs. This work compared the use of laser therapy and chemotherapy. Chemotherapy is simply the use of chemicals to kill cancerous cells.To achieve this,the active ingredients of the chemicals,were studied as well as the pharmacokinetics and pharmacodynamics of the photo-sensitive drugs used during lasers.From findings made from patients,a conclusion was drawn that if lasers can be improved further,it will be more preferred than the use of chemotherapy. Reference http://www.cancer.gov./about-cancer/treatment.National Cancer Institute. Viewed on 7/10/2016.

[1]The author,acknowledges the support of the radiation unit of Jos University Teaching Hospital Nigeria, for their profound support.
[2]This talk is aimed at demonstrating the science of lasers in the treatment of malignant cancers.

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None

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