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Insights in Leukemia Treatment

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Short Communication

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ABSTRACT

Leukemia is a group of cancers that usually begins in the bone marrow and results in high numbers of abnormal white blood cells. Leukemia is generally of 4 Types, which may be lymphocytic or myelogenous. Present Review describes the types of Leukemia, various treatments in past, present and future advances. Cancer being the yet to be solved factor in medical sciences, recent research have enormous use of technology equipped with crystal clear knowledge.

INTRODUCTION

Leukemia may be acute or chronic. Acute leukemia gets worse very fast and Chronic leukemia gets worse slowly and may not cause symptoms for years. 4 different Types of Leukemia include: Acute lymphoblastic leukemia, Acute myelogenous leukemia, Chronic lymphocytic leukemia [1], Chronic myelogenous leukemia [2].Cancer Therapies have been recently showing progress with time and increasing complications that begin with life style issues [3]. Malignant cells of Leukemia travel to various body organs especially cell and infest them such as Nervous System [4,5], Blood [6], Plasma [7,8], Hairy Cell [9] and other diseases ontologically can be expressed [10].

Treatment Strategies

Leukemia accounts for many treatment strategies such as use of Biomarker Cells example: Circulating m- RNA Biomarkers [11,12], Bone Marrow Transplantation Strategies [13,14], Stem Cell Chemotechniques [15,16], Immunomodulatory therapies [17-19], Blood Transplantation Therapy (Special Case in HIV associated Leukemia) [20], Tomographic Diagnosis Techniques [21], Drug Combination Therapies [22,23] etc.

Prospects for Future Advances

Future advances have been rapidly developing for the Quality progress of metacytes to the various radiation techniques, Laser Non invasive Surgeries, Molecular Targeted Therapies [24], new advances in Chronic Lymphocytic Leukemia [25], CAR T-cell therapy, Protein Targeted Therapies, etc. But recent times show major problems regarding the drug combinations and a combat is required essentially [26].

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CONCLUSION

Scientists are progressively enhancing in this version for the better clinical studies with key insights [27]. Proper life style with well comforted diet including major Exercise, Yoga and food intake management with regular Doctor checkup may reduce the Level of cancer effectiveness up to some extent.

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