

Contents

• Introduction.	1
• Aim of the work.....	3
1-Introduction of AML	4
a. Definition and calssification of leukemia.	5
b. Etiology of AML.	10
c. Classification of AML.	12
d. Diagnosis of AML.	17
2 – General look on AML therapy	31
a. Clinical trials.	32
b. Complementary and alternative therapy of AML.....	38
c. Treatment of newly diagnosed AML.....	43
d. Post-induction treatment of AML.....	51
e. Studying of the most common traditional chemotherapies of AML.	53
3 – Recent advances in AML therapy	61
a. New drugs therapy for AML.....	62
b. Bone marrow or stem cell transplantation in AML	81
c. Role of immunotherapy in AML.	88
d. Radiation and steroid therapy in AML.....	93
e. Herbal therapy in AML (Natural Garlic Compound).....	98
4 – Obstacles in AML therapy	100
a. Treatment of relapsed disease.....	101
b. What if leukemia doesn't respond to treatment?	105
c. What will happen after treatment of AML?.....	108
d. Attempts to improve treatment outcomes in AML.....	114
 Summary.....	 117
 References.....	 122
 Arabic summary.	