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***Loranthus Europaeus* is an alternative medicine in treatment of cyst and mouth inflammation resulted from chemotherapy of breast cancer**

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Natural product still continue to be important as a source of novel drugs because these drugs does not need sophisticated instrument, cheap resources, less toxic, no resistance to them by bacteria compared with the synthetic drugs. However, the natural products will continue to be important in addition to three areas of discovery, they are a target for production by biotechnology, as source of new lead compounds of novel chemical structure and as the active ingredients of useful treatments divided from traditional systems of folkloric medicine. The herb *Loranthus Europaeus* (LE) leaves and fruits was used in Iraq traditional medicine for treatment of inflammation, tumor and antimicrobial infection. For these reasons we tried to use the phytochemical and pharmacological studies to approach their bioactive products as a new source of medicine by the active constituent extraction of *Loranthus Europaeus* (flavonoids, terpenoids and alkaloids) by using chromatography method by a thimble of soxhlet with different organic solvents. The ethyl acetate extract contain flavonoid which contain quercetin and quercetin. The active ingredient mixture of LE leaves extract have used as mouth wash for 10 ladies of different age having breast cancer and under treatment with chemotherapy. We found that the bioactive material extracted from LE used as mouth wash cure the mouth inflammation of those ladies. In addition to that 10 humans of different sexes complaining of cyst attached to one of their tooth treated with different types of antibiotic and there was no response but when they have given an antibiotic with bioactive agents of this LE there was complete cure of the cyst and there was no need for operation which give the possibility or presence of one or more of these (quercetin and quercetin) active agents act as positive nano carrier of the antibiotic to the cyst directly and cure it.