

A CONCEPTUAL STUDY OF ERABADU (*ERYTHRINA VARIEGATE*) LEAVES AGAINST HELMINTHIC INFESTATION OF CHILDREN (*PURISHAJA KRIMI*) – REVIEW

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Abstract - Worm infestation present all over the aged group people, but they are mostly problem in children. According to Ayurveda *Kirimi* is a broad term it includes all the worms which may be pathogenic or nonpathogenic Pathogenic harmful to human beings helminthiasis specifically can be correlated to *Pureshaja* type *Kirimi*. Use of herbal medicine in treatment of worm infestation has been growing because of fewer side effects of molecular medicine. *Erythrina variegata* is commonly used for traditional medicinal especially Indian type of *Erythrina variegata* leaves is used for roundworm and thread worm.

Objective To use the *Erythrina variegata* leaves for the worm infestation in children as a home remedy and reducing the use of molecular medicine and preventing the complications which can arise from modern medicine and to develop a drug from *Erythrina variegata* leaves as a pill form

Methodology: Ayurvedic literature, web-based database searches and published papers data were collected.

Results: Phytochemical analysis of *Erythrina variegates* leaves extract it shows alkaloids, flavonoids, glycosides, saponins, steroids, tannins and terpenoids. Chemical contents, nutrition values and inorganic ions were presented. Higher concentration of *Erythrina variegata* leaves produced paralytic effects on worms much earlier. Aqueous and methanol extracts of *Erythrina variegata* leaves exhibited anthelmintic activity Maximum efficacy at 100 and 200mg/ml concentration for worms. More investigation of these *Erythrina variegates* leaves extract against the helminthic infestation considerate impact on developing clinically achievable strategies to treat children with worm infestation and developing into pill form.

Keywords: *Erythrina variegates* leaves; *Pureshaja kirimi*; children; helminthiasis; anthelmintic activity; Home remedy