REVIEW OF PREVIOUS WORK DONE

1) ICMR - Clinical trials of Guduchi & Ashwagandha by Dr.U. Thatte. CTRI Number CTRI/2008/091/000052 91

Title -- A clinical trial to study the effects of Ayurvedic formulation containing Ashwagandha and Guduchi in improving the quality of life in patients of breast cancer receiving chemotherapy as treatment. Study group - Tablet PHP-Cancer containing hydro500 mg BD for 6 months -alcoholic extracts of Withania somnifera 150mg and Tinospora cordifolia 200 mg. Tablet Placebo 500 mg BD for 6 months. Sample size 60.

Primary outcome - The primary outcome measures will be 20% improvement in the QOL score over and above that obtained in the group receiving placebo and less than 10% difference in adverse events (including laboratory variables) between placebo and active treatment groups.

2) Indian journal of Medicinal & Pediatric oncology, vol.29, no.2, 2008.Original article II 92

Title - An Ayurvedic Herbal Compound to reduce Toxicity to cancer Chemotherapy - A randomized controlled trial.by Saxena, Dixit etc. MAK – Maharshi Amrit Kalash is an Ayurvedic compound containing many herbs rich in antioxidants. Evaluated its role in reduction of chemotherapy toxicities among woman with breast cancer.214 patients of Ca breast receiving chemotherapy. There was significant reduction in toxicities in MAK group. Vomiting – 95%,Anorexia – 95% reduced. No improvement in stomatitis, diarrhea, alopecia and leucopenia.

91. ICMR - Clinical trials of Guduchi & Ashwagandha by Dr. U. Thatte. CTRI Number CTRI/2008/091/000052
Conclusion - MAK reduces chemotherapy induced vomiting, anorexia and improving general well being of patients.

3) RAV,6-7 Feb 16 New Delhi. Selected Research papers from National seminar on Management of cancer through Ayurveda.RAV publication - Feb.2012. Page no.276

Title - Management of side effects of cancer chemotherapy with Ananta Kalpa - A sugar based Ayurvedic preparation of Ananta (Hemidesmus indicus) by Dr S.P.Sardeshmukh.

Title-Atharva anantakalpa is found to be effective in the minimizing of toxicities of chemotherapy. 59 patients had completed course of chemotherapy in expected time. Toxicities of chemotherapy like nausea, loss of appetite, vomiting, diarrhea were remarkably reduced in more than 60% of patients.


Title - Efficacy of combinations of Ayurvedic drugs in alleviating drug toxicity and improving quality of life of cancer patients treated with chemotherapy by Vineeta Deshmukh, Kulkarni A et al.

Random patients with malignancies of different tissues, grade, and stage were divided into two groups according to their treatment modality. 15 patients treated with 6 cycles of chemotherapy, and other group divided in 3 arms who received Ayurvedic drugs and chemotherapy.

93. 6-7 Feb 16 New Delhi. Selected Research papers from National seminar on Management of cancer through Ayurveda. RAV publication - Feb.2012. Page no.276
Nineteen patients in arm 1 received Moutikyukta Kamdudha; Mouktikyukta Praval Panchamrut from the beginning of chemotherapy, 15 patients of arm 2 received Moutikyukta Kamdudha and Mouktikyukta Praval Panchamruta after completing chemotherapy. 18 patients of arm 3 received additional Suvarnra bhasmadi formulation after completing chemotherapy.

Results: There was significant improvement in all 3 arms compared with control groups in nausea, loss of appetite, constipation and fatigue. There was significant improvement in Karnofsky score and global score of QLQ. Haemogram did not show significant difference between control group and study group.

5) Ashwasan, ICAC, 6-7 Dec. 1997, pg 142

Title-Efficacy of Kamdudha and Praval in counter acting side effects of chemotherapy and radiotherapy.

Kamdudha- Praval pishti are found to be effective in counteracting side effects of chemotherapy and radiation which are related to Annavaha, Purishvaha, Rasavaha, and Raktavahasrotasa. These medicine are highly effective on side effects of chemotherapy namely burning, loose motions, pain, acidity, altered bowel habit, pigmentation of skin.


Title - Efficacy of Padmakadi Ghrut in counteracting side reactions of Chemotherapy and Radiotherapy.
Padmakadi Ghrut is found to be effective in counteracting side effects of chemotherapy namely burning, vomiting, bleeding, pigmentation, loose motion, acidity.


Title - Efficacy of Rasayana Avaleha as adjuvant to radiotherapy & chemotherapy in reducing Adverse effects. By Purvi Vyas, A. B. Thakar, M. S. Baghel, Arvind Sisodia, Yogesh Deole.

Thirty-six patients fulfilling the diagnostic criteria of carcinoma (under treatment of radiotherapy and Chemotherapy) were randomly selected. Rasayana Avaleha an Ayurvedic preparation — as adjuvant to allopathic chemotherapy. The herbal preparation comprises of Emblica officinalis, Ashwagandha- Withania somnifera, Guduchi Tinospora cordifolia, Glycirrhiza glabra, Leptadenia reticulat), Tulasi Ocimum sanctum, and Piper longum Rasayana Avaleha showed significant results on nausea and vomiting (86%), mucocitis (72.14%), and fatigue (58.93%). Also, other symptoms like xerostomia (48.17%), alopecia (45.24%), and tastelessness (33.59%) were decreased. Administration of Rasayana Avaleha along with chemotherapy and radiotherapy can improve the quality of life of cancer patients.


Title - Treatment of chemotherapy induced nausea in cancer patients. Julie L. Ryan. Ginger supplementation and acupressure are used to aid in the reduction of nausea and improve quality of life in cancer patients receiving chemotherapy.


Title - The extracts of cuscuta reflexa Roxb. in treatment of cyclophosphamide induced alopecia, S. Patel, V. Sharma. In this work it was be concluded that the petroleum ether extract and ethanolic extract of cuscuta reflexa were used to prevent hair loss or to treat alopecia during chemotherapy.