

**EVALUATION OF EFFICACY OF SAVARNIKARAKA
DRUG USED IN POST OPERATIVE PROCEDURES OF
VRANA TREATMENT**



**THESIS SUBMITTED FOR THE DEGREE OF
MASTER OF PHILOSOPHY (AYURVEDA) SHALYA**

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2002 FEBRUARY

M.Phil / 96 / 39

SUMMARY AND CONCLUSION

Summary

The thesis entitled "Evaluation of efficacy of savarnikāraka drug used in post operative procedures of vranā treatment" is summarised as below.

Ayurvedic review, the first section of chapter 1 constitutes the pointed description of vranā and Ayurvedic concepts of varṇā. Definitions, classifications, features of different stages of vranā, prognosis and therapies for vranā were dealt in this chapter.

In the second section of first chapter the modern aspects of wound healing mechanism and pigmentation are included.

The description of trial drug "savarnikaraṇa lepa" was included under the third section of the first chapter drug review, ingredients, chemical analysis, pharmacodynamics of the selected drug were placed here. Trial drug consists of the powders of Navam kapālika (newly made earthen ware), Embul vewel (Calamus rotang), Hal dummala, Kāsisa, Vel mi (Glycyrrhiza glabra) and Bee honey. The above six drugs were formulated as a paste for external application and it was used on the hyperpigmented scars in the trial group.

In the second chapter, clinical study was embodied. In this work 35 cases with hyperpigmented scars were studied in two groups as treated group and controlled group. Savarnikaraṇa lepa was applied over the scars of 20

cases in treated group. 15 cases in controlled group were not given any medicine. Duration of the treatment was limited to one month. In this study the main criteria of assessment was *kṛṣṇatā* of the scar (the darkness of the colour of the scar comparative to surrounding healthy skin). Computer technology was introduced for the sound statistical analysis and to present the colour change objectively. The improvement of the treated group has shown statistically highly significant results against the controlled group according to unpaired t test.

The third chapter is meant for the discussion of the results and observation obtained from the research work. It also discusses the finally statistical data on the basis of significance forwarded and the final results of research work launched. Not only that but the facts or logic behind the results obtained was also critically analyzed in this chapter.

The final part of the research work is submitted as a conclusion in the chapter of summary and conclusion.