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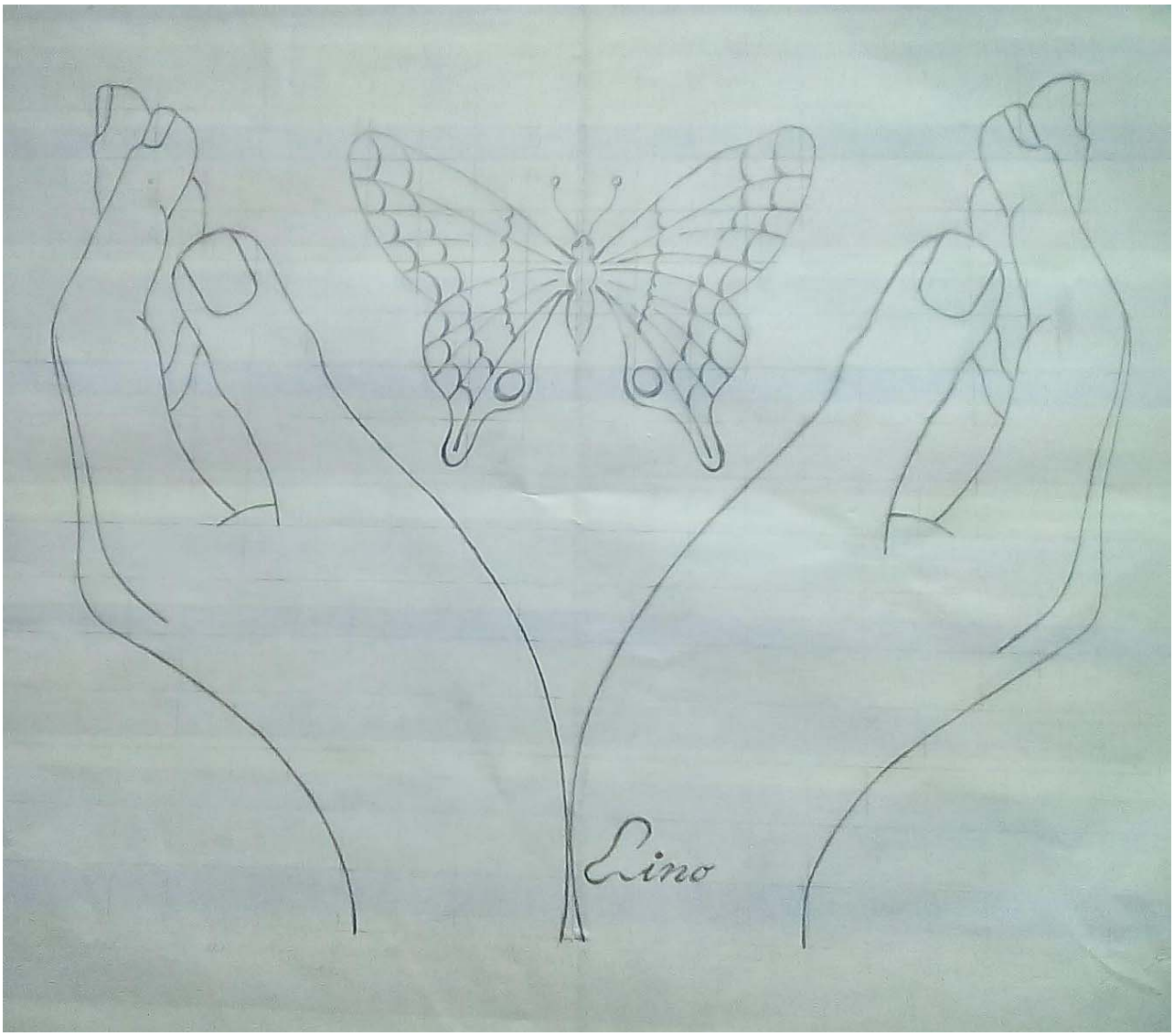

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EVALUATION OF THE EFFICACY OF ANDROROX IN PATIENTS AFFECTED BY BENIGN PROSTATIC HYPERTROPHY: medical and nursing approach.

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KEY-WORDS: ANDROROX, GERIATRIC PATIENTS, BENIGN PROSTATIC HYPERTROPHY

ABSTRACT

Aim: The aim of our study is to evaluate the efficacy of Androprox(R) in adjunctive therapy for the treatment of benign prostatic hypertrophy. **Materials and Methods:** In our study, 12 subjects affected by benign prostatic hypertrophy were enrolled. All enrolled subjects, aged over 50 years, voluntarily agreed to undergo screening for benign prostatic hypertrophy by means of the IPSS questionnaire, laboratory tests (PSAfree, total PSA, free/total PSA) and outpatient follow-up. All patients were asked for informed consent to perform the screening procedure and to the processing of personal data. After the blood evaluation of free PSA, total PSA and free/total PSA ratio, the patients enrolled in the study were treated with androprox 1 tablet per day administered in the morning for 1 month with indication for the subsequent outpatient check-up. **Results:** Data analysis revealed a statistically significant change in the quality of life (QofL) score after 1 month of adjunctive therapy with Androprox(R), confirming the efficacy of the new formulation of therapy compared to standard treatment. **Discussion:** Data in the table show that adjunctive therapy with Androprox(R) determines a statistically significant reduction in clinical symptoms related to quality of life compared to the standard therapy taken by patients. No statistical significance was found in the reduction of the IPSS questionnaire score. PSA values are not applicable to the study due to the heterogeneity of the data in the follow-up phase caused by poor patient compliance to perform control blood tests. **Conclusions:** The pilot study we conducted allowed us to highlight the presence of statistically significant changes in the quality of life (QofL) questionnaire. No statistically significant reductions in the IPSS index were found. The heterogeneity of the data relating to the PSA blood parameters are not applicable to the study because they are extremely heterogeneous due to poor

patient compliance to perform control blood sampling. Neurovegetative. Currently the size of the sample under examination is not sufficient to make a reliable evaluation that can be extended to the entire population.

TABLE

	CONTROL ± DS	EFFECT ± DS	Probability (P)
IPSS	9,333 ± 7,033	4,667 ± 2,875	0,107
QofL	2,500 ± 1,378	0,548 + 0,500	0,012*
PSA	n.a	n.a	n.a

Tab. 1 Descriptive analysis of data relating to IPSS and QofL questionnaire values before and after treatment with Androprox. The probability is considered significant only if $P < 0.050$.

FIGURES

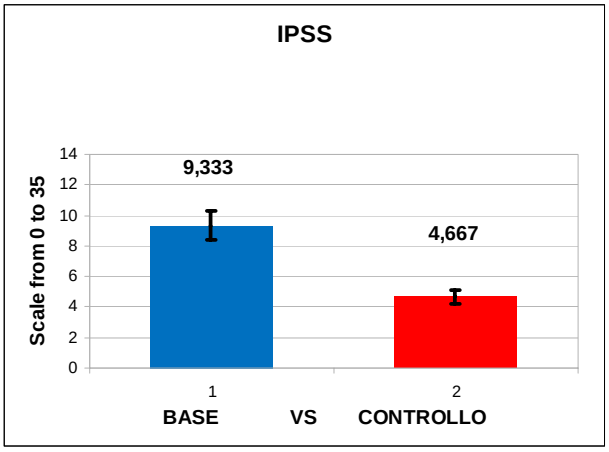

Fig. 1 Graphical representation of the variations of the IPSS questionnaire values before and after treatment with Androprox. Data expressed as mean +/- S.D.

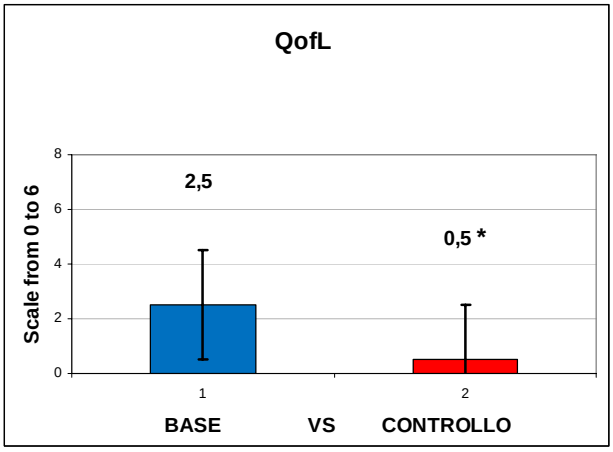

Fig. 2 Graphical representation of the changes in the QofL questionnaire values before and after treatment with Androprox. Data expressed as mean +/- S.D.

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