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The aim of this study is to assess the efficacy of gradient sequential pneumatic compression therapy as adjunctive therapeutic modality of Lymphedema management

GROUP I (9 PATIENTS)

MLD, Exercises, Compression Stockings

GROUP II (8 PATIENTS)

*MLD, Exercises, Compression Stockings and
IPC BIO COMPRESSION PUMP at 40mmHg x 30 minutes*

Initial improvement after 15 sessions

GROUP 1

Initial improvement after 15 sessions

✓ **23% Volume Reduction in Lower Extremities**

Three months later

✓ **Additional 5.3% Volume Reduction in Lower Extremities**

GROUP II (MLD & IPC)

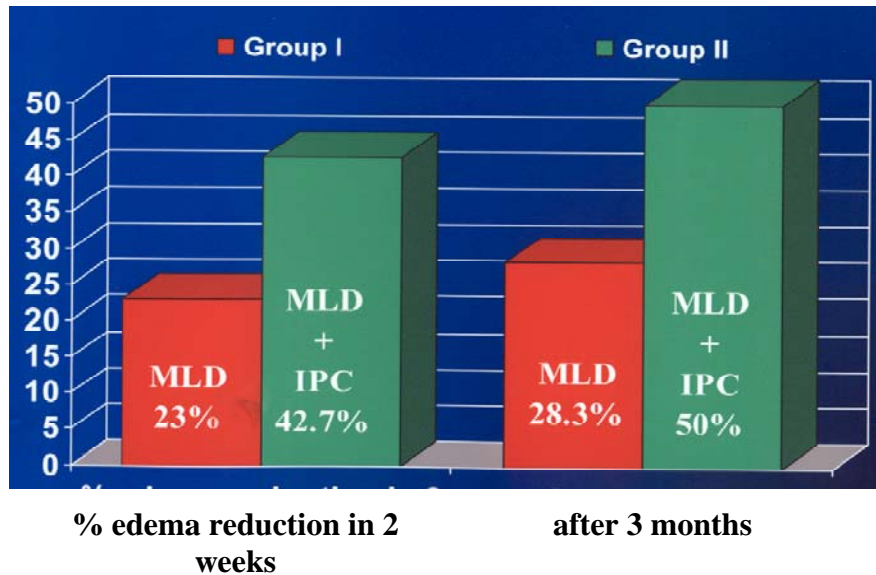
Initial improvement after 15 sessions

✓ **42.7 % Volume Reduction in Lower Extremities**

Three months later:

✓ **Additional 7.9% Volume Reduction in Lower Extremities**

EVALUATION OF LYMPHEDEMA TREATMENT USING BIO COMPRESSION GRADIENT SEQUENTIAL PNEUMATIC PUMPS



CONCLUSION

The Intermittent Pneumatic Compression Pump (IPC) is an effective adjunctive modality to the standard MLD protocol treatment of Lymphedema